

It was in 1995 that I was honored to head the Council for Development and Reconstruction for the first time. Lebanon was in the midst of the reconstruction program launched by the martyred Prime Minister, Rafic Hariri. CDR in collaboration with the government administrations, institutions and community was able to overcome the successive wars and ravages inflicted on our country since 1975. These wars savaged the nation, the government, the institutions, the economy and the infrastructure. Unfortunately, our astonishing achievements for the reconstruction were not accompanied by a determined reform effort to rebuild the country's public institutions and to restore the ties that bind our society together. Equally, serving society should be the ultimate concern of both politics and reconstruction efforts.

Just when Lebanon started to move out of the reconstruction phase into an era of economic growth, the July 2006 war broke out transforming existing realities and changing priorities. Following that, and for the second time, I was honored by the Council of Ministers to lead this establishment that forms one of the Council of Ministers' most active tools for implementation.

The guiding principles that were set down by the government required the CDR to work on three parallel axes:

- Firstly, participate in the efforts to erase the impact of the aggression.
- Secondly, continue to implement the development projects started before the aggression.
- Thirdly, reformulate investment programs to conform with the government's reform program.

Priority is given to the first of these axes, whereby CDR shall seek to modify some of its programs and projects established before the war, to fulfill the urgent needs resulting from the aggression.

In this context, CDR has been in constant contact with the task force formed by the Office of the Prime Minister that coordinates the efforts among various public administrations and institutions, international organizations and non-governmental organizations (NGOs). The purpose is to define priorities, avoid any duplication of efforts and ensure the integration of all future reconstruction steps.

The role of CDR in dealing with the impact of the aggression has focused on the following aspects:

- Establish a data base that records the direct damages caused by the war.



- Identify the appropriate projects that respond to the war damages.
- Integrate some of the damage repair projects with the programs established prior to the war.
- Match the grants provided by various donors with the projects to be implemented.
- Coordinate the various funding sources to ensure financing priority for reconstruction projects.
- Implement some of the current infrastructure projects.
- Supervise the progress of projects directly implemented by the private sector, such as certain infrastructure works.
- Supervise the implementation of infrastructure projects that were adopted by certain donors in destroyed residential areas.
- Participate in the preparation of plans and proposals related to particular controversial issues, such as the reconstruction of the southern suburb of Beirut.

On another note, CDR continues to implement its investment programs that started before the war while reconsidering certain limited aspects of their features. The Council of Minister's Decision of August 18, 2005 to issue US\$ 287 million treasury bonds to compensate for expropriated property, has contributed greatly in re-initiating works on suspended projects and allowed the launching of invitations for tender for a large number of new projects. This funding issue which has been suspended since 2002 has led to a freeze in many significant projects and prevented the government from benefiting from some of the available foreign funding.

Regarding the question of funding, the present government sought actively in cooperation with the Parliament to ratify previously signed funding agreements. New funding agreements with a number of different funding sources have also been re-initiated. However, the Israeli attack on Lebanon in July 2006 and its devastating effects have forced the government to reconsider some of its priorities and to focus its efforts to secure funding resources that will deal particularly with the war effects, without neglecting its development policy that was adopted prior to the war.

It should be noted that the Parliament has ratified five funding agreements during the tenure of the present government, but there are still twelve other agreements waiting to be ratified. In addition, the government has decided to approve a number of grants in kind, particularly those covering the reconstruction of bridges, schools, hospitals and other public facilities. These grants were donated by a number of brethren and friendly countries, funding organizations and some donors in the private sector.



Furthermore, the government continues to pursue the means and mechanisms, with brethren and friendly countries as well as Arab and international institutions, needed to translate into actuality the assistance pledges provided at the Stockholm Conference, and later at the Paris III Conference.

With regard to future investment programs, the government pledged, under the reform program submitted to the Paris III Conference, to maintain an appropriate level of investment spending. The ceiling for this investment spending, except for spending related to the effects of the July war, is expected to be 2.7% of gross national product, provided that it is coupled with raising the share of foreign funding to 45% in the coming years.

CDR is currently working closely with the ministerial committees formed to implement the government's reform program. This work involves rationalization of the investment program, both at the social public service level, particularly in the education and health sectors, as well as at the basic infrastructure level. This is particularly important since the allocation of public investments has to be closely synchronized with the extent of progress in the privatization of certain sectors.

Regarding upgrading our work at CDR, the new information system is now complete. This system links together all administrations and units of CDR and contributes to the improvement of performance of employees and raises the level of transparency. This initiative was coupled with the launching of a new partnership with the private sector in the areas of information technology and communications. The company Cisco Systems will provide a number of new recruits to work at various CDR administrations and other governmental establishments, in coordination with the Office of the Minister for Administrative Reform. Additionally, the Council is endeavoring, in cooperation with other concerned government administrations, to develop a revised version of the regulations covering public tendering and bidding, the management of public contracts as well as the development of new unified Terms of Conditions for contracts in a way that satisfies the aspirations of both the public and private sectors.

The year 2006 has been exceptional in every respect. I spent the first half of the year as an advisor for the prime minister and the second half at CDR. This exposed me to the tremendous difficulties that Lebanon has faced during the current year, and the great efforts spent to overcome them. Surmounting the difficulties has been possible through the solidarity of the Lebanese people, the unification of its institutions and the sympathetic support of both his brethren and friendly countries.



Electricity

By the end of 2006, several major projects were completed in the electricity sector at an approximate cost of US 1.45 billion. After adopting the electricity sector reform plan prepared by the Ministry of Energy and Water, the government has been working, in collaboration with the Ministry of Energy and Water, Ministry of Finance, Electricité Du Liban (EDL), Higher Privatization Council and CDR, to implement this plan, in conformity with the Electricity Sector Regulation Law No. 462, for re-structuring the sector, incorporating Electricité Du Liban and privatizing certain parts of this sector in the future. Consequently, the development plans of the electricity sector shall depend, in the mid and long term, on the general policy of the government and the components remaining under its responsibility, following the proposed privatization process. However, this has not prevented the government from continuing its work to develop the administration, facilities and maintenance services of the electricity sector.

Achievements to Date

At the end of the civil war in 1992, a plan for the rehabilitation and modernization of the sector was prepared to meet expected future demand by 2005. This plan envisaged: increasing the capacity of power generation plants,

expansion of transmission networks, administrative reform and securing technical assistance.

Rehabilitation of infrastructure:

The immediate aim in 1992 was to restore power generation capacity to 1250 MW. This was achieved by the end of 1996 through the rehabilitation of both thermal and hydroelectric power plants, as well as distribution networks at a total cost of US\$ 376 million.

Increasing generating capacity:

Two new gas generation units, each with a capacity of 70 MW, were installed in Sour and Baalbeck at a total cost of US\$ 61 million. These units have been put in service since the end of 1996.

Two-combined cycle generation plants, each with a capacity of 435 MW, were constructed in Beddawi (near Tripoli) and Zahrani (between Sour and Saida) at a total cost of US\$ 600 million. Each plant includes two gas generation units and one steam unit. These were completed in stages between 1998 and 2000.

Additionally, two generation units at Markaba hydroelectric power plant, each with a capacity of 17 MW, were rehabilitated at a cost of US\$ 5.3 million.

Expansion of the transmission network:

In order to increase transmission of available power produced by the new power plants



Seven countries interconnection network (400 KV)

to all Lebanese regions, a new 220 kV transmission network was constructed at a cost of US\$ 359 million. This involved installing 339 kms of overhead lines, 61 kms of underground cables and 12 substations. At present, the Deir Nbouh- Ksara, Ksara - Aramoun, Aramoun - Zahrani - Sour and Tripoli- Halat overhead lines are complete. In addition, installation of all underground cables in Greater Beirut area and Tripoli and construction of ten substations, eight of which were implemented by CDR, one by Solidere and the other by EDL in Bsalim, were completed. Therefore, the project for the expansion of the 220 kV transmission network is almost complete. The remaining works

related to Halat -Bsalim overhead lines are expected to be complete during 2007.

Seven-Country interconnection system: During 2002, CDR awarded two contracts for implementing the six-country interconnection network project (EIJLST) (Egypt, Iraq, Jordan, Lebanon, Syria and Turkey). This has now become the seven-country interconnection network after Libya joined the project. The first contract covered the extension of 400 kV EIJLSTL interconnection lines between Ksara and the Syrian border, at a cost of US\$ 5.9 million. The second covered the construction of 400 kV/220 kV substation in Ksara to connect it to the 220 kV

national networks, at a cost of US\$ 7.3 million. This project will supply 300 MW of power in the short term and 600 MW in the mid and long terms. The works of the connection lines are complete, while the remaining works of the substation are expected to be complete during 2007. Both contracts are funded by the Arab Fund for Economic and Social Development (AFESD).

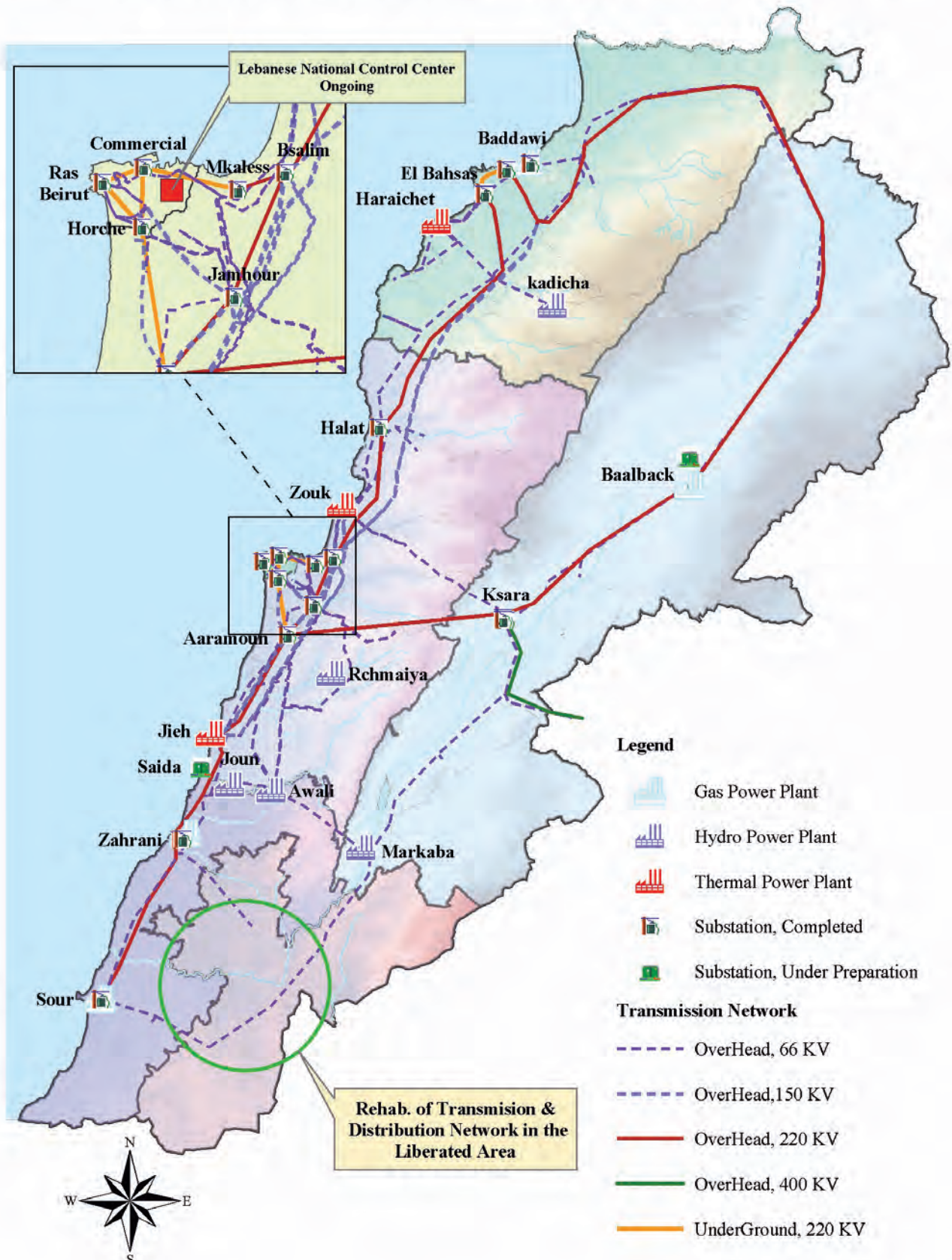
In addition, CDR had acted promptly to repair the Bsalim and Jamhour substations, which were severely damaged during the Israeli air attacks in April 1996 and June 1999.

Technical Assistance: Several technical assistance contracts have

Electricity Sector overview

		Contracts awarded from January 1992 to December 2006					
		Total		completed		in progress	
		*No	Amount	*No	Amount	*No	Amount prog
Technical assistance		12	14.6	11	10.7	1	3.9 23%
Planning and policy studies							
Damage assessment: electricity	c	8	1.0	8	1.0		
Institutional development							
EdL reorganization	c	1	9.2	1	9.2		
Electricity sector restructuring	c	3	4.5	2	0.6	1	3.9 23%
Capital investment		62	1,395.4	55	1,306.2	7	89.3 57%
General investment							
Markaba hydro-plant rehabilitation	c	2	0.2	2	0.2		
	w	5	5.5	5	5.5		
Rehabilitation of thermal power generation							
Zouk power station rehab	w	1	26.5	1	26.5		
Jieh power station rehab	w		60.7		60.7		
Hraiche power station rehab	w		10.7		10.7		
Rehabilitation of hydro power generation							
Rachmaya hydro station rehab	w		2.9		2.9		
Other hydro rehab - Kadisha	w		3.1		3.1		
ONL generation rehabilitation	w		4.0		4.0		
Rehabilitation of transmission system							
Overhead and underground transmission rehabilitation	w	1	20.0	1	20.0		
Main substations rehabilitation	w	8	80.6	8	80.6		
Rehabilitation of power distribution system							
Distribution rehabilitation	c	1		1			
	w	10	119.1	10	119.1		
Rehabilitation: engineering & supervision							
Rehabilitation: Engineering & Supervision	c	2	15.2	2	15.2		
Expansion of electric power generation							
Zahrani and Beddawi new power plants	c	4	15.6	4	15.6		
	w	2	579.7	2	579.7		
New gas turbine generation at sour and Baalbeck	w	2	60.9	2	60.9		
Expansion of power transmission network							
Expansion of power transmission network	c	4	8.7	4	8.7		
New substations	w	3	138.6	3	138.6		
Underground cables	w	4	113.4	4	113.4		
Overhead lines	c	1	0.4			1	0.4 80%
	w	3	77.6	1	23.4	2	54.2 80%
Syria Lebanon network interconnection	w	2	12.6	1	5.3	1	7.3 70%
Rehab of electricity in South	c	1	5.1			1	5.1 22%
National Control Center							
National Control Center	c	3	1.4	2	0.3	1	1.1 10%
	w	1	21.2			1	21.2 5%
Support facilities							
EdL support facilities strengthening	c	2	11.5	2	11.5		
Sector Totals		74	1,410.1	66	1,316.9	8	93.2 56%

Electricity Completed, Ongoing & Under Preparation Projects



been awarded, including the introduction of a new management system for medium voltage customers (1100 connections) and improvement of electricity bill collection, which have doubled collections in related areas. Other contracts covered training of EDL employees, and provision of administrative assistance and experts to help EDL meet international standards.

Main achievements during 2006:

Institutional Support in the Electricity Sector Reform Plan
Tender documents and reference specifications were prepared for the technical assistance to be provided to the Ministry of Energy and Water, EDL and the Higher Privatization Council within the framework of the electricity sector reform operation. Following the preparation of short lists of consultants who will participate in the technical assistance tenders, these functions are expected to start during August 2007. The technical assistance aims to achieve the following:

- Ministry of Energy and Water:
To improve the capacities of the Ministry of Energy and Water in order to be able to implement the proposed reforms in the electricity sector policies. Therefore, the main function assigned to the consultant will be to support the ministry in the preparation of a national electricity policy and fuel oil strategy, reviewing proposals related to supply of liquefied natural gas (LNG) to the Zahrani plant, evaluating proposals aiming to attract private investments and

reviewing previous studies concerning establishment of the Electricity Sector Regulation Authority.

- EDL: To improve the operational and financial performance of EDL. Therefore, the main function of the consultant will be the preparation of a plan for improving efficiency of power generation plants and supporting implementation procedures; reorganizing the supply function of EDL; establishing priorities for reducing technical and non-technical waste; providing assistance to complete current projects; organizing an inventory of assets and survey of audited financial reports and preparing the tender documents for the financial audit contract covering 2005 and 2006.

- Higher Privatization Council:
To provide the necessary support for incorporating EDL in conformity with the Electricity Sector Regulation Law and the Ministry's plan for re-structuring EDL; to propose the organizational structures for companies that will emanate from EDL, together with the detailed description of proposed jobs and procedures to be followed; to prepare the preliminary work plans for these companies; to organize the inventories and determine the capitalization levels and share structure of these companies.

It should be noted that the estimated total cost of the technical assistance contracts is about US \$ 7 million. The World Bank provided a grant of US \$ 5

million for funding part of this project. CDR is currently negotiating with the French Development Agency to secure another grant to fund the remaining part.

Rehabilitation and expansion of the transmission and distribution network in liberated regions

Work is proceeding at present to award the rehabilitation and expansion works of the 66 kV High Voltage transmission network and 20 / 15 kV Medium Voltage distribution network in the liberated regions in South Lebanon. The total cost of this project is estimated at about US \$ 20 million which will be funded by the Iranian protocol. Works are expected to start by the end of 2007.

Rehabilitation and expansion of al-Ayoun and Fneidek transmission and distribution network in Akkar

A contract was signed with an international consultant for preparing the detailed study for rehabilitation and expansion of al-Ayoun and Fneidek transmission and distribution network in Akkar. The total estimated cost of these works is about US \$ 5 million. The project aims to raise the transmitted and distributed power capacity this region from 10 to 40 MW. Works are expected to start at the beginning of 2008.

Comprehensive Master Plan for the Generation and Transmission Sectors:

Tender documents and reference

Electricity contracts awarded in 2006

		Contract amount (in USD)	External funding	Start Date
Capital investment		21,269,989		
Expansion of power transmission network				
Underground cables				
Expans. of Power transm. System (repair Sector 8) al bahsas	w	299,267		Feb/2006
National Control Center				
National Control Center				
Construction of the Lebanese Electric Network Control Center (LENCC)	w	5,890,952	AFESD	May/2006
Construction of the Lebanese Electric Network Control Center (LENCC)	w	15,079,770	AFESD	May/2006
Sector Totals		21,269,989		

Electricity Contracts in preparation

	Progress Status		Estimated Amount	Funding Source	Indicative start date
Capital Investment					
Transmission and production					
Rehab. of electricity sector in the liberated regions	Project identification	w	20,000,000	Iranian-Prot	Jul/2007
Rehab. of transmission and distribution network in al-Oyoun and Fneidek region (Akkar)	Project identification	w	5,250,000	KFAED	Oct/2007
Master Plan for the Generation and Transmission of the Electricity Sector	Tendering Phase	w	600,000		Jun/2007
	Tendering Phase	w	8,000,000	IBRD	Jun/2007
	Tendering Phase	w	50,000,000	AFESD	Jun/2008
	Tendering Phase	w	15,000,000	AFESD	Jun/2008
	Tendering Phase	w	25,000,000	AFESD	Jun/2008
	Tendering Phase	w	30,000,000	AFESD	Jun/2008
	Tendering Phase	w	25,000,000	AFESD	Jun/2008
	Tendering Phase	w	25,000,000	AFESD	Jun/2008
Sector Totals			203,850,000		

specifications of the comprehensive master plan for the generation and transmission sectors are complete. The study, funded by a grant from the French Government, is expected to start in September 2007

Projects in Progress

Expansion of the transmission network: Installation of the remaining north coast connection between Halat and Bsalim will be completed during 2007, provided that land expropriations are finalized by EDL.

Seven-country interconnection (EIJLSTL): Works on the overhead lines are complete. Installation of the substation is expected to finish during 2007.

National control and dispatching center: This internationally launched project was awarded to the successful contractor and relevant works commenced in May 2006. The project is estimated to cost about US\$ 25 million. Funding is provided by the Arab Fund for Economic and Social Development (AFESD).

Projects under Preparation

CDR, in coordination with the Ministry of Energy and Water and EDL, is preparing several major projects, however their implementation depends on the availability of necessary funding. The main projects are:

a - Generation sector:

- 1 - Repairing the damages of al-Jieh power plant caused by the Israeli aggression in 2006.

- 2 - Rehabilitation of Zouk Power Plant, Units 3 & 4.

- 3 - Rehabilitation of Zouk Power Plant, Phases 1, 2 and 3.

These projects are estimated to cost US \$ 100 million

- 4 - Extension of Liquefied Natural Gas (LNG) Line between Baddawi - Zahrani and Zouk - Jieh power plants. The cost of this project is estimated at US \$ 150 million.

It should be noted that the projects for construction of new power plants are postponed until the preparation of the Comprehensive Master Plan for the generation sector. It would be more appropriate to implement these projects by the private sector through IPP contracts, as allowed by the Electricity Sector Regulation Law.

b - Transmission sector

- 1 - Construction of two main 220 kV High Voltage substations in Baalbek and Saida. These works are estimated to cost about US \$ 12 million

- 2 - Construction of one main 220 kV High Voltage substation in Tripoli. These works are estimated to cost about US \$ 25 million

- 3 - Construction of one main 220 kV High Voltage substation in Ashrafieh. These works are estimated to cost about US \$ 25 million

- 4 - Construction of one main 220 kV High Voltage substation in the southern suburb of Beirut with the installation of High Voltage cables, connecting the

substation with the existing network. These works are estimated to cost about US \$ 31 million.

- 5 - Reinforcement of the 220 kV cable between Aramoun and al-Horsh. These works are estimated to cost about US \$ 25 million
- 6 - Reinforcement of the internal network for the transmission of 66 kV High Voltage power between Deir Nbuh and Marjeyoon. The project is estimated to cost about US \$ 25 million.
- 7 - Execution of the second phase of the 400 kV EIJLSTL interconnection line between Ksara and Syria. The project is estimated to cost about US \$ 12 million.

c - Distribution sector

Repairing the damages caused by the recent Israeli aggression of July 2006 to the distribution sector in all Lebanese regions; supplying EDL with cables, transformers, circuit breakers, posts and accessories; and supplying lifting and testing vehicles for damaged underground cables. These works are estimated to cost about US \$ 50 million.

It should be mentioned that CDR signed a loan agreement with AFESD amounting to US \$ 120 million for implementing urgent electricity projects. CDR, in collaboration with EDL, will determine the priorities for implementing the related projects.



Post and Telecommunications

A group of contracts was awarded to foreign and local firms for the rehabilitation of the Public Switched Telephone Network (PSTN) to increase its capacity to 1,730,000 lines, i.e. the equivalent of one line for every three persons. The total cost of these contracts, completed in 2002, amounted to about US\$ 775 million.

At the same time, a mobile telephone system (GSM) was introduced through concessions awarded to two competing operators. The two networks now have at least 900,000 subscribers. The two operators undertook the necessary investments and the government collects revenue from this operation.

Following repossession of the two mobile telephone systems, the government now intends to re-privatize the complete sector, i.e. both the PSTN and the GSM systems. However, several projects relating to the development of this sector are still required to render it competitive and capable of handling modern technologies, particularly in the fields of information exchange, state of the art networks and the internet. However, implementation of these projects needs further clarification of the role that both the government and the firms will play in this sector.

Achievements to Date

Installation of telephone exchanges

(switching contracts): The related contracts and their variations (about US\$ 145 million) provide for the installation of 313 telephone exchanges with a total capacity of 1,142,000 lines in all regions of Lebanon. These were completed at the end of 2001. Three telephone exchanges for international calls and eight telephone exchanges for national calls have also been installed. The exchanges provide Caller Identification system (CLIP), voice messaging services and 13376 Integrated Services Digital Network (ISDN) lines.

Three contract variation orders were signed to increase the total capacity of the exchanges by 48,000 additional lines (US\$ 8.8 million) and to provide 17,100 additional ISDN lines and four new exchanges, which were installed at the end of 2002. Thus, the total number of telephone lines reached 1,190,000 and the total number of digital (ISDN) lines amounted to 30,476.

Modernization of telephone exchange programs and equipment: The telephone exchange programs and equipment have been recently updated to comply with technical developments in the telecommunication sector and to add many new services for subscribers and exchanges. The cost of these works amounted to about US \$ 25 million. The project covered all main and branch exchanges, including those designated for international

communications.

Rehabilitation and extension of the Public Switched Telephone Network (PSTN): This project covered the rehabilitation and extension of the Public Switched Telephone Network (PSTN) at a total cost of US\$ 550 million for improving communications among all regions of Lebanon. It included preparation of the studies and plans and installation of the local telephone network. The first lot of PSTN contracts covered the following components:

- Installation of 971,600 primary pairs (connection from exchanges to local distributors);
- Rehabilitation of 123 telephone exchange buildings and construction of 185 new ones in all Lebanese regions;
- Installation of the Wireless Local Loop system. This system is suitable for rural areas where the cost of telephone line installation is high;
- Installation of advanced digital transmission systems to connect all Lebanese regions to one another.

A second set of contracts was implemented in two phases by the Ministry of Telecommunications. The first phase, known as OSP-1 (Outside Plant-1) covered the installation of 200,000 lines, while the second phase, known as OSP-2 (Outside Plant-2), covered the installation of 600,000 lines in rural areas.

The first group of PSTN contracts was completed at the end of 2002, while the works of the second phase were completed at the end of 2003.

The leased lines project was also completed at the end of 2002 by the Ministry of Telecommunications at a cost of US\$ 10 million. The project aimed at providing leased telephone lines to corporate clients.

Installation of public telephone booths: CDR supervised the installation of 4000 public telephone booths distributed in all Lebanese regions. These works were completed by the end of 2005.

International communications: Several projects for improving international communication have been completed. The most important of these include:

- Installation of two submarine fibre optic cables: The first connects Tartous (Syria) with Tripoli, Beirut, Saida (Lebanon) and Alexandria (Egypt) with a capacity to handle 9,000 simultaneous calls; while the second connects Lebanon, Cyprus, Crete and France and can handle 7,560 simultaneous calls. The total cost of the project was about US\$ 12 million;
- Installation of a fibre optic and wireless connection between Beirut and Damascus with a capacity of 189 simultaneous telephone calls at a cost of about US\$ 1.34 million;
- Installation of ground earth satellite stations in Arbanieh and Jouret el Ballout at a cost of about US\$ 4 million and US\$ 5 million, respectively.

Other projects: At the institutional level, a study for re-organization of the Ministry of Telecommunications (MOT) was carried out to separate its

operational and maintenance functions from its monitoring and control functions.

Several other contracts have also been completed:

- Installation of a control and management system for transmission and switching equipment (US\$ 577,000);
- Restructuring of the telecommunications sector, re-organization of the administration and preparation of studies for creating marketing services and commercial agencies (US\$ 7 million).

Other projects: Simultaneously with the PSTN, GSM and telephone exchange contracts, another contract was awarded for the preparation of studies covering the PSTN and the GSM systems, including supervision, implementation and co-ordination among contractors. The value of the contract amounted to US\$ 47 million.

Projects in Preparation

CDR is preparing at present, in cooperation with the Ministry of Telecommunications, several development projects in this sector, the most important of which are:

- Installation of a high capacity data network among Lebanese cities (estimated at US\$ 13 million). Tender documents are under preparation and will be released soon;
- Installation of a new high performance local data transmission network for Beirut, independent of the existing telephone network, and intended

Telecommunications Sector overview

		Contracts awarded from January 1992 to December 2006					
		Total		completed		in progress	
		*No	Amount	*No	Amount	*No	Amount prog
Technical assistance		15	21.1	15	21.1		
Planning and policy studies							
Damage assessment: telecoms	c	12	0.9	12	0.9		
Restructuring	c	1	7.0	1	7.0		
Institutional development							
Management contract	c	2	13.1	2	13.1		
Capital investment		70	776.2	70	776.2		
General investment							
Rehab exchange buildings: 1993 urgent programme	c	7	0.1	7	0.1		
	w	18	2.5	18	2.5		
Misc telecoms equipment: 1993 urgent programme	w	6	0.6	6	0.6		
Rehab exchange buildings: 1995 programme	c	4	0.4	4	0.4		
	w	12	5.4	12	5.4		
Public Switched Telephone Network							
Rehab and extend international connections	w	2	6.6	2	6.6		
Rehab and extend exchange equipment	c	6	53.1	6	53.1		
	w		0.7		0.7		
Rehab and extend Telephone	c		0.5		0.5		
	w	8	183.0	8	183.0		
Network rehab and extension, main & local	c		0.3		0.3		
	w	6	522.4	6	522.4		
Public Mobile Phone							
GSM cellular	c	1	0.6	1	0.6		
Sector Totals		85	797.3	85	797.3		

Posts Sector overview

		Contracts awarded from January 1992 to December 2006					
		Total		completed		in progress	
		*No	Amount	*No	Amount	*No	Amount prog
Capital investment		4	1.3	4	1.3		
Postal Services							
Postal service rehab	c	2		2			
	w	2	1.3	2	1.3		
Sector Totals		4	1.3	4	1.3		

for corporate clients (city network) (estimated at US\$ 7.5 million).

Posts Projects in Progress

Postal services: A contract was signed in mid 1998 with a

Canadian consortium for the operation of the postal services (mail distribution, counter services, express mail, philatelic services, etc.) in all regions of Lebanon. The consortium was responsible for rehabilitating and equipping all post office buildings, street and property

numbering and mail box installation. The cost of this project was approximately US\$ 50 million. Since the contract is in the form of a concession (BOT) no cost was borne by the Lebanese Government.



Construction & installation of international telephone exchange: Jourret El Ballout-Metn

Roads, Highways and Public Transport



The total value of works in the roads and highways sector amounted to about US \$ 1,489.6 million. These covered the capital, its suburbs and all other Lebanese regions. Out of this amount, US \$ 1,013.2 million covered projects completed up to the end of 2006, while US \$ 476,5 million are earmarked for projects still under execution.

Achievements to date

Penetrator roads for Beirut ring road: Beirut ring road and its associated penetrator roads aim to reduce traffic congestion at access points to the capital and streamline traffic flow between north and south Lebanon. The detailed

studies of the penetrator road network were divided into three sections:

- Coastal expressway in Nahr el Kalb area and the northern access roads, comprising the penetrator roads in Sin el Fil, Naba'a, Bourj Hammoud and Baouchrieh (PN1 & PN2), and the roads parallel to Nahr Beirut, i.e. the Dbayeh-Antelias-Nahr Beirut road (PN3);
- Central section, i.e. Adlieh-Damascus road (A1), Hazmieh complex and Hazmieh-Airport road (B);
- Southern penetrator roads to Beirut which cover Khalde-Cocody-Sports City-Cola road;



Hayek Intersection



Maten expressway

Costa Brava-Ouzai road; Choueifat-Kafa'at road; Chatila roundabout-Cocody interchange; Tiro road, and the Kafa'at-Lebanese University campus road were completed at the end of 2003.

- Works are complete on the following: Tiro road, Adlieh connection, Hazmieh-Airport road (Camille Chamoun boulevard intersection-Haret Hreik), Cocody-Cola 1 and 2, together with the Cocody interchange, Khaldeh-Cocody road, Chatila interchange, Chatila-Kafa'at road parallel to Nahr Beirut (PN3), Adlieh-

Damascus road (A1) up to as-Sayyad interchange, in addition to upgrading Nahr el-Kalb coastal expressway. Additionally, the section linking Cocody to the Khaldeh interchange is complete, as well as the operation and maintenance project for electro-mechanical equipment of the Khaldeh-Cocody double carriageway within the boundaries of Rafic Hariri International Airport. Implementation of the expansion joints on President Elias Hrawi Bridge is also complete.

- Rehabilitation of the roadway joints of the bridge of Selim Salam

- Cola is completed.

- Urgent maintenance of sewage treatment plant executed by Solidere in the central district of Beirut is completed.

Rehabilitation of roads in Beirut suburbs:

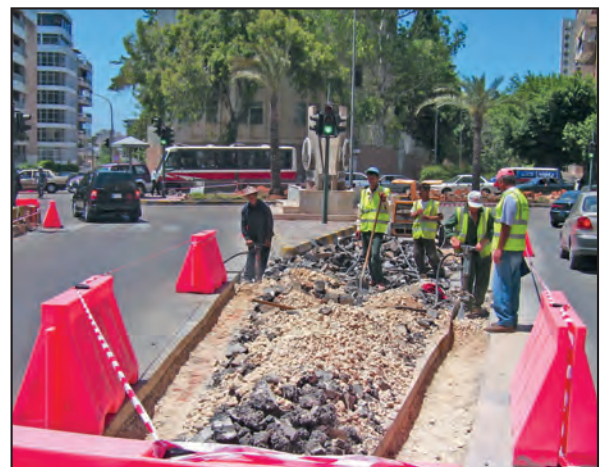
Northern suburbs: Works are complete on the Bourj Hammoud, Jdeideh and Zalka road sections, the roads parallel to Nahr el Maout and Nahr Antelias, Dbayeh section, Nahr Beirut-Dora road, the road replacing the railway track in Bourj Hammoud and Bikfaya road. Rehabilitation works of Sin el Fil road and Saloumi- Naba'a- Nahr el Maout road are also complete. Total cost of these works was about US\$ 62 million.

Southern suburbs: Works are complete on the road networks at Chiyah Boulevard/adjacent streets axis, Choeifat-Khaldeh road, Haret Hreik storm water drainage tunnel, as well as Mreijeh, Kassis, Ghobeyri, Haret Hreik, Bourj el Barajneh, Furn el Chebak and Ain el Roumaneh sections.

Rehabilitation works of Jamous

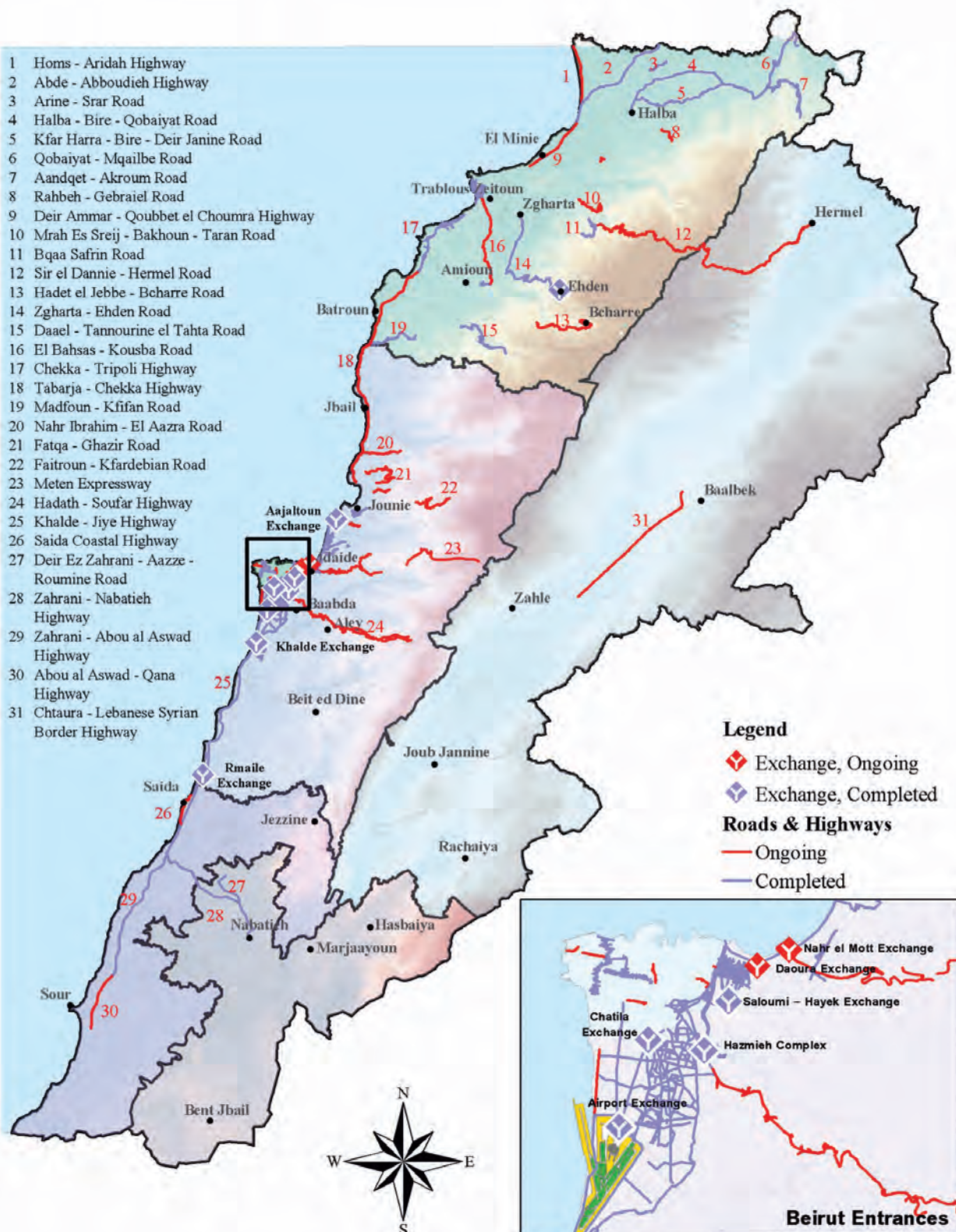


Rehabilitation of Bchamoun, Aramoun Road.



Installation of traffic lights, Mar Elia Road.

Roads & Highways Completed & Ongoing Projects



*Abdeh - Abouddieh Highway.**Fidar Bridge.*

road and associated services are also complete. Total cost of these works was about US\$ 130 million.

Rehabilitation of primary and secondary roads network: The upgrading and expansion works of Abdeh - Homs - intersection - Aboudieh road are complete as well as connections of Halba-Bireh-Kobayat road including two bridges in Kobeyat and Becharre. Upgrading and expansion of al-Madfoun-Kfifan road was complete, also the upgrading and widening of Zgharta-Ras Kifa was completed together with the Ayto-Ehden road during the second half of 1999. Rehabilitation of Ardat-Majdalya road is complete. Works of Dael-Basatin al Assi - Beit Shlalah - lower Tannourine road are complete, complementary works of the rehabilitation of Kousba - Tourza road and works on Ehden interchange were completed at the end of 2003. The new road extending from Jounieh, Bkerke and Harissa is also complete, as well as the new connection of Ghazir -Kfour-Fatqa road, the section from Jeita interchange - Aintoura and Ajaltoun interchange.

Rehabilitation works of Antelias Rabieh road, the intersection between Deek al Mahdi, Naccache and Rabieh are complete. Also Rehabilitation and development works of Tabarja-Chekka highway, financed by the European Investment Bank, were completed in the summer of 2004. In south Lebanon, the Deir Zahrani-Nabatieh and Ezza-Roumine roads, the Saida seafront corniche, part of the southern expressway (second phase) are complete. Rehabilitation and asphaltting works of Mdeirej-Masna'a road are also complete. Temporary Asphaltting works at the road between Jouret El Ballout - Deir Mar Chaaya (2A) & Deir Mar Chaaya - Baabdat (3A) are also complete.

Upgrading public services in Beirut and its suburbs

Infrastructures in Beirut:

Within the framework of this project, CDR executed the second lot covering Pierre Gemeyel Boulevard, Abdul Wahab Inglisi, Independence and Mono streets, and sections of Clemenceau and Spears streets. The northern section of Mar Elias, Sadat and other streets

is also complete. Maintenance and stormwater drainage works of Paris Boulevard in Beirut extending from the Military Beach to Ain Mreiseh are complete.

Projects in progress

Penetrator roads for Beirut ring road: Works of most other sections of Beirut penetrator roads are in progress. The current status is as follows:

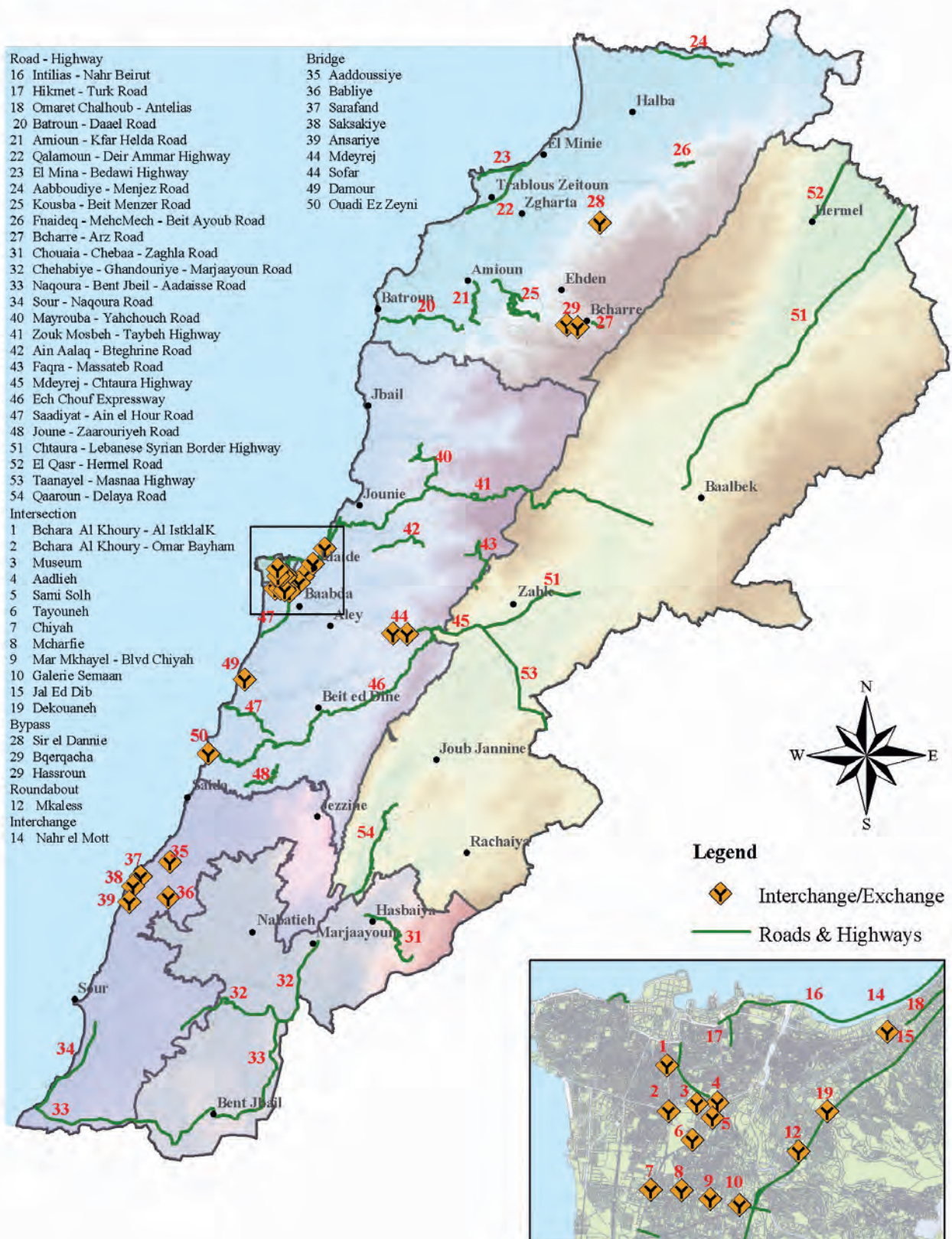
- Projects of north Beirut penetrator roads were divided into two sections financed by KFAED. The contract for the first section extending from Dbayeh to Antelias, including the Naccache - Rabieh section was awarded in 2000 (about US \$ 11.7 million).

Within the Beirut ring road/northern entrance, works are in progress on the Zalka - Bouchrieh - Nahr el Maot interchange. Work has started on the Nahr al Maot interchange and the Haret Hreik- Airport road section.

Development of Urban Transport in Greater Beirut:

Works are in progress on Al-Hayek

Roads & Highways Under Preparation Projects





Naher El Mott interchange.

Bridge. Works have also started on the Daora road and on the old Saïda road interchange at the Bchamoun-Aramoun intersection. In addition, installation of traffic lights and traffic monitoring cameras within the framework of the development of the urban transport project is in progress. Works have also started on the Grade Separation at Airport Road / Chiyah Boulevard (with annexe 1) and the execution of the Grade Separation at Abdullah Yafi and Damascus Road Intersection (Museum), and at Antelias Overpass. A Public Awareness Campaign was launched within the on-street parking management programs in Greater Beirut.

Rehabilitation and upgrading of Beirut road network:

The contract for rehabilitation of Salim Salam Tunnel (electro-mechanical systems), funded by Saudi Arabia was awarded. In addition, a contract was awarded for the maintenance of Beirut roads

and pavements (Msaitbeh and Zkak Liblat).

CDR undertook strengthening works of the supporting wall surrounding College Protestant, maintenance and irrigation works in Paris boulevard in Beirut and also urgent preparatory works for the Beirut International Marathon.

CDR awarded a contract for preparing studies and tender documents for phase III of the infrastructure rehabilitation project, in addition to a contract for studies and supervision of works related to the two pedestrian overpasses in Bir Hassan area.

Rehabilitation of the roadway joints of the bridge of Selim Salam - Cola was awarded.

*Upgrading public service in Beirut and suburbs
Beirut infrastructure*

The studies and supervision of works for certain projections in

Beirut are currently under preparation. A study related to the improvement of traffic flow at Fouad Chehab- George Haddad street intersection is also underway. The study related to the projections at Abdul Baset al-Onsi and the Municipal Stadium streets is still in progress. Tender documents for upgrading infrastructure services in Beirut suburbs are being updated. Works have begun by Solidere on implementation of necessary and urgent maintenance works for the wastewater pumping station at Beirut Central District (BCD). A contract has been awarded for three projections in Beirut (Sodeco, Independence Street and Tamliiss) but works were put on hold due to expropriation problems.

Works on the first lot of phase II of Beirut infrastructure rehabilitation project have begun. These cover the Saint George Hotel- Summerland Hotel seafront Cornish, encompassing al Akhtal al Saghir



Chtaura Raod

street, Rafic Hariri boulevard, Charles de Gaulle boulevard, Paris boulevard and Minat al- Hosn road.

Northern suburb:

Additional works are underway in Bourj Hammoud area (about \$ 6.23 million). The supervision contract for these works has been awarded (US \$ 250,000).

Southern suburb:

- Lot VIII: Rehabilitation of Doha-Aramoun road network infrastructure. Works were completed at the end of 2002 (wastewater, stormwater drainage, potable water, electricity, telephone, three water reservoirs, and artesian wells to supply water to Meshref area and the main feeder line to Doha-Aramoun). Various pavement works in some streets are complete.

- Lot V-3: Hay es Sullom: A contract was awarded for rehabilitation of Hay es-Sullom road network and associated infrastructure (wastewater, stormwater drainage, potable water, electricity, telephone, street lighting and other works).

- A contract was awarded in 2002

for Ouzai bridge works but field obstacles have delayed implementation.

- A contract was awarded for rehabilitation of the Damascus road (Furn al-Chebbak section). Another contract was also awarded for rehabilitation of Camille Chamoun boulevard extending between Chevrolet and Gallery Sema'an intersection.

Tripoli-Syrian border connection in the north: This project aims to improve roads connecting north Lebanon with Syria. The project covers construction of the Eastern Ring Road extending from Tripoli toward al- Abdeh (20 kms to the north) and expansion and rehabilitation of two roads extending toward the Syrian border at al-Arida (along the coastline) and al-Aboudieh. This project is financed by the Islamic Development Bank and OPEC Fund for Development. Rehabilitation works are underway for the Deir Ammar-al- Abdeh section. Works started on rehabilitation of al-Abdeh and on the al-Abdeh - Kubbat Shamra road and Homs - al Arida intersection.

Sir ed Dannieh-Jbab el Homr-Hermel. Funding was provided by AFESD. This project is divided into two sections : Sir ed Dannieyh - Jbab el Homr section and Jbab el Homr-Hermel section, These two sections are under execution.

Work is also progressing on the Saida-Sour highway. For the northern coastal expressway, a contract was awarded for a geotechnical survey of the section extending from Antelias to Charles Helou station in Beirut. Another contract was awarded for upgrading the coastal road in Nahr el Kalb area.

Rehabilitation and development works continue on the following international and main roads: Expansion and rehabilitation of the existing Damascus road, Hazmieh-Jamhour section and Aley - Sofar section; rehabilitation works have started on a section of the international highway extending from Riyak to Baalbeck; Deir Ammar - Abdeh road; construction of new access exit roads to connect Qalamoun with the main expressway; construction of Mrah al-Saraj - Bakhoun - Taran - Hazmieh bridge road; Bahsas-Kosba- Cedars road; Shnani'r-Dlebta connection. Also the rehabilitation works of Chekka tunnel continue within the Chekka-Tabarja project. The ; improving traffic flow on the east boulevard of Saida continue also.

Phase III of the south highway, Zahrani-Sour section (Qana intersection), and Rmaileh access/exit roads are underway. Works started on the lighting on Rmaileh interchange, implemented within the framework of the south

Roads and Highways Sector overview

		Contracts awarded from January 1992 to December 2006						
		Total		completed		in progress		
		*No	Amount	*No	Amount	*No	Amount	prog
Technical assistance		1	0.3	1	0.3			
Institutional development								
TA Directorate of Roads and other agencies	c	1	0.3	1	0.3			
Capital investment		456	1,495.9	341	1,016.1	115	479.8	34%
Rehab of international and primary roads								
Rehab of roads, international and primary	c	71	26.3	59	18.4	12	7.9	58%
	w	41	363.7	30	224.8	11	139.0	32%
Jounieh-Bkerke-Harisa road	c	4	0.7	4	0.7			
	w	4	13.3	4	13.3			
Batroun-Tannourine highway	c	3	2.1	1	0.1	2	2.1	89%
	w	2	9.9	2	9.9			
Antelias-Casino du Liban highway - A2	c	2	5.7	1	0.7	1	5.0	8%
Sir el Danniye-Jbab el Homr road	c	5	1.6	3	1.0	2	0.6	36%
	w	2	10.3	1	5.4	1	4.8	45%
Antelias-Bikfaya road: improvements	c	4	1.2	4	1.2			
	w	1	3.9	1	3.9			
Metn Expressway	c	9	7.0	3	2.4	6	4.6	74%
	w	9	69.1	2	17.5	7	51.6	67%
South Mountain Highway, Khalde-Damour (C3)	c	1	0.3	1	0.3			
Chouf expressway	c	1	3.7	1	3.7			
Tripoli - Bcharri road	w	2	12.3			2	12.3	1%
Ouzai highway	c	2	0.8	2	0.8			
	w	2	0.1	2	0.1			
Zgharta - Ehden road	w	6	27.2	4	16.0	2	11.2	64%
Rehab & Upgrade of Hazmieh-Sofar Road	c	2	3.0	2	3.0			
	w	4	25.5	1	3.6	3	21.9	18%
Urban Transport Develeopment U.T.D.P	c	31	7.2	15	1.0	16	6.2	16%
	w	11	88.2	1		10	88.2	6%
Rehab of secondary roads								
Rehab secondary roads	c	7	2.2	7	2.2			
	w	11	29.1	9	9.7	2	19.4	68%
Completion of Coastal Expressway								
Completion of coastal expressway	c	5	3.6	4	3.1	1	0.5	60%
	w	1	2.0	1	2.0			
Syrian border-Tripoli	c	5	2.0	1	0.2	4	1.8	38%
	w	3	20.9	1	10.0	2	10.9	63%
Tripoli-Chekka	c	1	0.1	1	0.1			
	w	1	17.3	1	17.3			
Chekka-Tabarja	c	2	0.4	1	0.3	1	0.1	30%
	w	2	30.4	1	26.7	1	3.7	20%
Nahr el Kalb intersection improvement	c	2	5.2	2	5.2			
	w	1	42.2	1	42.2			
Jieh-Zahrani	c	1	0.1	1	0.1			
	w	1	1.7	1	1.7			
New peripheral/penetrator roads for Beirut								
Beirut Périphérique	c	7	5.5	7	5.5			
	w	6	64.0	5	55.4	1	8.7	40%

Roads and Highways Sector overview (cont'd)

		Contracts awarded from January 1992 to December 2006						
		Total		completed		in progress		
		*No	Amount	*No	Amount	*No	Amount	prog
Beirut Périphérique: Northern entrances	c	8	12.2	8	12.2			
	w	5	64.8	4	50.4	1	14.5	75%
Beirut Périphérique: Central section	c	4	7.1	4	7.1			
	w	4	50.5	3	36.2	1	14.3	8%
Beirut Périphérique: Southern section	c	4	6.9	4	6.9			
	w	7	69.0	7	69.0			
Rehab/upgrading of roads in Beirut suburbs								
Upgrading Beirut City road network	c	11	4.2	10	3.2	1	1.0	38%
	w	6	18.5	5	16.1	1	2.4	
North Beirut suburban roads & services	c	4	8.1	3	7.8	1	0.3	90%
	w	20	72.5	19	66.2	1	6.2	90%
South Beirut suburban roads & services	c	6	12.9	4	11.2	2	1.6	79%
	w	22	151.5	20	136.0	2	15.6	21%
Immediate action plan for Greater Beirut transport	c	13	3.8	8	3.1	5	0.7	79%
Hikmeh-turk Road link	c	1		1				
Rehab and upgrading of roads in Tripoli								
Tripoli roads and services	c	5	2.9	4	1.9	1	1.0	50%
	w	3	14.9	3	14.9			
Zahle roads and services								
Zahle roads and services	c	1	0.1	1	0.1			
Beirut roads and services								
Beirut roads and services	c	13	1.5	10	0.9	3	0.7	92%
	w	15	44.9	13	32.8	2	12.1	11%
Beirut-Damascus Expressway								
Beirut-Damascus expressway	c	3	2.0	2	0.7	1	1.3	
Street lighting								
Street lighting for major cities in North Lebanon	c	1	0.1	1	0.1			
Street lighting for major cities in Bekaa	c	1	0.1	1	0.1			
Street lighting for major cities in Mont Lebanon	c	1	0.2	1	0.2			
Street lighting for major cities in South Lebanon and Nabat	c	4	1.5	4	1.5			
	w	3	4.8	2	4.7	1	0.1	50%
Street lighting in Beirut	c	1		1				
New secondary roads								
New roads secondary in North Lebanon	c	10	3.2	6	1.7	4	1.5	60%
	w	5	27.9	4	22.1	1	5.8	30%
Sector Totals		457	1,496.2	342	1,016.4	115	479.8	34%

Public Transport Sector overview

		Contracts awarded from January 1992 to December 2006						
		Total		completed		in progress		
		*No	Amount	*No	Amount	*No	Amount	prog
Technical assistance		1	2.3	1	2.3			
Planning and policy studies								
Public transport study	c	1	2.3	1	2.3			
Sector Totals		1	2.3	1	2.3			

Roads and Highways contracts awarded in 2006

		Contract amount (in USD)	External funding	Start Date
Capital investment		60,554,195		
Rehab of international and primary roads				
Rehab international and primary roads				
Add. design for S. Autoroute, Sea section in Saida (Phase 4)	c	105,600		
Sup for imp of urgent safety measures on existing road Masnaa-Syrian border	c	75,355		Apr/2006
Imp of urgent safety measures on existing road Masnaa - Syrian border	w	1,914,485		Apr/2006
Updating of env impact assess for the extra 2 kms of Tripoli west ring road	c	25,300		Apr/2006
Technical diagnosis mission related to the retaining wall failure of Araman	c	18,150		May/2006
Design & TD prep for the construction of Chtoura Ksara diversion road	c	189,200		Aug/2006
Design & Sup for the reh of the north ent of Beirut between Dora & Tabarja	c	407,440		Sep/2006
Metn Expressway				
Metn 2 - Expressway : Bsalim link	w	2,207,622		Mar/2006
Metn Expressway : Sections 2A , 2B & 3A	w	8,796,780		Aug/2006
Metn Expressway : Temporary Asphaltting road (2A), (3A) & (2B)	w	299,122		May/2006
Prep of TD & Sup for Zaarour Sannine & Sannine Dhour El Choueir section	c	371,560	SFD	Apr/2006
Rehab & Upgrade of Hazmieh-Sofar Road				
Beautification of Bhamdoun old road	w	1,511,010	KFAED	Feb/2006
Urban Transport Development U.T.D.P				
UTDP - Public Awareness Campaign	w	350,000	IBRD	Nov/2006
UTDP - Grade separation at Airport road - Chyah boulevard + Add no.1	w	7,168,800	IBRD	Oct/2006
Urban Transport Development Project - Antelias Overpass	w	9,779,130	IBRD	Apr/2006
Supervision of const of Tayouneh Roundabout and Mar Mekhael Intersection	c	253,333	AFESD	Jun/2006
Supervision of const of Museum int & Sami Solh avenue & Damascus road int	c	249,284	AFESD	Mar/2006
Grade Separation at Abdullah Yafi and Damascus Road Intersection (Museum)	w	3,701,615	AFESD	Mar/2006
Redesign of the Antelias overpass	c	121,000		Sep/2006
Senior Coordinator for Adlieh & Museum grade separation projects	c	10,800		Sep/2006
Senior Archaeologist for Adlieh & Museum grade separation projects	c	9,000		Sep/2006
Archaeologist for Adlieh & Museum grade separation projects	c	6,750		Sep/2006
Archaeologist for Adlieh & Museum Grade Separations Projects	c	9,000		Sep/2006
Archaeologist for Adlieh & Museum grade separation projects	c	13,500		Sep/2006
Senior Archaeologist for Adlieh & Museum grade separation projects	c	4,000		Sep/2006
Senior Archaeologist for Adlieh & Museum grade separation projects	c	4,000		Sep/2006
Senior Archaeologist for Adlieh and Museum Grade Separation Projects	c	4,000		Sep/2006
Senior Archaeologist for Adlieh & Museum grade separation projects	c	4,000		Sep/2006
Senior Archaeologist for Adlieh & Museum grade separation projects	c	2,000		Sep/2006
Senior Archaeologist for Adlieh & Museum grade separation projects	c	2,000		Sep/2006
Rehab of secondary roads				
Rehab secondary roads				
complementary works for Cosba-Tourza Road	w	591,761		
Rehabilitation of El Ghazieh - Darb El Seem road "Zambeel"	w	149,860	AFESD	Jun/2006
Completion of Coastal Expressway				
Coastal expressway: completion				
Design & TD prep for the widening of the existing highway A1 in Kesrwan	c	486,668		Apr/2006

Roads and Highways contracts awarded in 2006 (cont'd)

		Contract amount (in USD)	External funding	Start Date
Syrian border-Tripoli				
Design & TD for Tripoli eastern ring road-Wadi Hab & Wadi Abou Ali section	c	121,000		Mar/2006
Chekka-Tabarja				
Supervision of rehabilitation of Chekka tunnel	c	125,184		May/2006
Rehab. of Chekka tunnel	w	3,716,978		May/2006
Rehab/upgrading of roads in Beirut suburbs				
Upgrading Beirut city roads				
Cleaning in Beirut and Suburbs	w	15,387,533		
South Beirut suburbs				
Const sup for Beirut southern suburbs - Inf reh Hay El Solom (Lot IV-3)	c	303,600		Mar/2006
Beirut immediate action plan				
Highway Engineer for the UTDP + Add no.1	c	69,000	IBRD	Apr/2006
Project Administration Specialist for the UTDP + Add no.1	c	29,900	IBRD	Apr/2006
Beirut roads and services				
Beirut roads and services				
Sup of the reh of the roadway joints of the bridge of Selim Salam - Cola	c	7,700		Mar/2006
Rehabilitation of the roadway joints of the bridge of Selim Salam - Cola	w	159,912		Mar/2006
Tech diagnosis and dynamic auscultation of Salim Salam bridge in Beirut	c	69,520		Feb/2006
Design & Sup for the road extending from Beni Assaf to Adib Ishak street	c	37,455		Sep/2006
Beirut-Damascus Expressway				
Beirut-Damascus Expressway				
Supervision for the Pan Arab Highway : Mdairej - Chtaura - Taanayel	c	1,295,000	SFD	Jul/2006
Street lighting				
Street lighting for major cities in South Lebanon and Nabatieh				
Design & prep of TD for lighting works & security equip for Zahrani-Sour	c	37,950		Apr/2006
New secondary roads				
New roads in North Lebanon				
Design & TD preparation for the rehabilitation of El Fouar - Turbol road	c	234,300		Mar/2006
Design, TD prep & supervision services for entrances & exits at Ras Masqua	c	117,040		Apr/2006
Sector Totals		60,554,195		

highway, Rmaileh interchange section-Sainiq connection Rehabilitation works of El Ghazieh - Darb El Seem road started also.

Work has begun on the Sour-Nakoura road. Implementation of urgent safety measures on existing road Masnaa - Syrian border - Phase 1&2 started.

Rehabilitation and asphalting works are in progress on the following secondary roads: Nahr Ibrahim- Azra road and Bab al-

Tabbaneh road in Tripoli.

Construction works of the following new secondary roads are also in progress: Menjez-Chadra, Halba- Baynou - Kobayat, Ras Kifa- Ayto, Kfar Harra- Bireh, Chadra- Mkeibleh, Andkit - Konia, Akroum - Kfartoun, Ardat-Majdlaya, as well as asphalting of Beit Mery road.

Work started on Hadath al-Jibbeh and Hasroun intersections and Diman road within the framework

of the Kadisha ring road project. Also, work is progressing on the Dawalib Ehden-Mar Sarkis springs connection within the framework of the Tripoli- Zgharta- Ehden Bcharre road. Rehabilitation of Bhamdoun road is also in progress. Within the Metn Express way, works started at Bsalim section, Jouret el Ballout- Mar Chaya (2A section, part of Mar Chaya - Atchaneh (2B) section and Mar Chaya-Babdat (3A) section. Also,

Roads & highways

Contracts in preparation

			Progress Status	Estimated Amount	Funding Source	Indicative start date
Capital Investment						
Highways						
Beirut - Masna'a highway						
Jamhour Aley section (9 kms)	Design Phase	w	75,000,000	SFD, OFID		
Mdeirej - Chtoura - Ta'anayel section	Tendering Phase	w	60,000,000		Oct/2007	
	Tendering Phase	w	30,000,000		Oct/2007	
Northern coastal highway						
Qalamoun - Deir Ammar section	Project identification	w	45,000,000	IDB		Sep/2008
Mina - Baddawi section (the west ring road)	Project identification	w	20,000,000	EIB		Sep/2007
Greater Beirut entrances, rehab of suburbs and urban transport						
Northern Beirut entrance						
Coastal expressway between Antelias and Nahr Beirut with Mawared and Port of Beirut tunnel	Tendering Phase	w	130,000,000			
Eastern Beirut entrance						
Hekmeh - Turk road	Tendering Phase	w	8,000,000	AFESD		May/2008
Urban transport develop. program (Beirut and Mount Lebanon)						
Installation of traffic signals and Traffic Control Center						
Traffic Control Center & police training	Tendering Phase	w	3,550,000	IBRD		Feb/2008
Cars & office equipment for Traffic Control Center	Project identification	w	350,000	IBRD		Feb/2008
	Design Phase	w	2,000,000	IBRD		Sep/2007
Organization of onstreet parking in Greater Beirut						
Equipment	Tendering Phase	w	500,000	IBRD		Feb/2008
Hardware, softnare and office supplies	Tendering Phase	w	340,000	IBRD		Feb/2008
Construction of bridges and tunnels at main intersections						
Extension of old Tripoli road from Amarat Chalhoub to Antelias	Tendering Phase	w	2,800,000	IBRD		Feb/2008
Mkalles interchange	Tendering Phase	w	9,000,000	IDB		Aug/2008
Jal el-Dib intersection	Tendering Phase	w	5,900,000	IBRD		Apr/2008
Mshrafieh intersection (Shiyah - Kafaat)	Design Phase	w	3,890,000			
Tayyouni intersection	Tendering Phase	w	6,500,000	AFESD		May/2007
Bchara Khoury - Omar indepenence intersection	Tendering Phase	w	10,000,000	ADFD		Feb/2008
Bchara Khoury - Istiklal intersection	Tendering Phase	w	6,179,280	ADFD		Jul/2007
Galerie Sama'an intersection	Tendering Phase	w	3,673,267	Local		Dec/2008
Mar Mkhail - Chiyah, Blvd intersection	Project identification	w	4,000,000	AFESD		May/2007
Sami Solh- Damascus Road intersection	Project identification	w	4,500,000	AFESD		Feb/2008
Infrastructures						
Beirut Infrastructures						
Execution of Beirut infrastructure (Phase III)	Design Phase	w	13,803,193	AFESD		Apr/2007
Beirut street lighting	Design Phase	w	3,535,876	SFD		Feb/2008
	Tendering Phase	w	30,000,000	IDB		Jun/2007
Abdullah al-ounsi Street	Awaiting funding	w	200,000	Local		Sep/2008
	Tendering Phase	w	12,000,000	AFESD		Jul/2007
	Tendering Phase	w	12,000,000	AFESD		Apr/2008
	Tendering Phase	w	15,000,000	AFESD, IDB		Apr/2008
	Project identification	w	30,000,000	Local		Apr/2008
	Design Phase	w	10,162,644	AFESD		Jul/2007
In various regions Infrastructures						
Old Saïda road	Tendering Phase	w	13,000,000	AFESD		Nov/2007
Relief assistance to Tebbaneh district in Tripoli (Phase II)	Funding not secured	w	8,000,000	KFAED		Jan/2008
	Design Phase	w	51,000,000	IDB		Apr/2008
	Design Phase	w	15,000,000	IDB		Sep/2008
	Design Phase	w	15,000,000	IRAN		Nov/2008

Roads & highways

Contracts in preparation (Cont'd)

	Progress Status		Estimated Amount	Funding Source	Indicative start date
Main roads funded by outside sources					
Various roads in the North					
Beit Ayoub - Fneidek road	Design Phase	w	6,600,000	SFD	Nov/2007
Batroun - Dael road	Design Phase	w	9,000,000	SFD	Sep/2007
Abboudieh - Mounjez road (13 Kms)	Design Phase	w	9,900,000	SFD	Jun/2007
Feasibilty study for Tripoli - Abboudieh road	Project identification	c	189,000	FRANCE-AFD	Apr/2008
	Design Phase	w	15,000,000	IDB	Sep/2008
Various roads in Mount Lebanon					
Saadiyat Ain Hour Road	Design Phase	w	13,000,000	SFD	Apr/2007
Bakleeh- Zaarour- Sanine road	Design Phase	w	8,000,000	SFD	Jun/2007
Sanine - road-f Zahle- Mrouj intersection	Design Phase	w	5,000,000	SFD	Jun/2007
Ain Alak- Bteghrine road	Design Phase	w	30,000,000	AFESD	Apr/2008
	Design Phase	w	10,000,000	IDB	Oct/2008
Various roads in the South and Nabatieh					
Nakoura- Bint Jbeil - Edaisseh road	Design Phase	w	9,000,000		
Shwaya- Chaba'a- Zaghla road	Design Phase	w	2,750,000		
Shehabieh- Ghandourieh- Marjayoun road	Design Phase	w	9,000,000		
	Funding not secured	w	8,000,000		
	Design Phase	w	25,000,000	IRAN	Oct/2008
Various roads in Beka'a					
Rehab of the international road:Chtoura- Ibleh- Karak- Riyak- Baalbeck- Syrian border section with Arsal connection	Design Phase	w	50,000,000	Local	Nov/2008
Various roads not funded by outside sources (commissioning decisions)					
Various roads in the North					
Extension and rehab. of Deir Bella- Kfar Halda/Assi Gardens road	Design Phase	w	2,200,000	Local	Mar/2008
Kousba- Tourza intersection road	Design Phase	w	1,100,000	Local	Jul/2008
Hasroun - Bkarkacha interchange	Design Phase	w	3,800,000	Local	Jul/2008
Al Arz road	Design Phase	w	5,400,000	Local	Jul/2008
Beit Munzer road	Design Phase	w	7,200,000	Local	Jul/2008
Various roads in Mount Lebanon					
Jounieh - Bkerky - Harissa road	Design Phase	w	7,200,000	Local	Nov/2008
Fakra- Sannine - Masateb road	Design Phase	w	7,000,000	Local	Nov/2008
Ghazir - Jedeidet Ghazir road	Design Phase	w	2,240,000	Local	May/2008
Extension and rehab of Mayrouba- Nahr el-Dahab- Jouret el-Termos- Hadshat- Yahshoush road	Design Phase	w	13,000,000	Local	Aug/2008
Protection works and teatment of landslides - Biakut	Design Phase	w	3,500,000	Local	Jun/2008
		w	100,000,000	Local	Jan/2008
Building and reconst. of destroyed bridges due to israeli Attack					
Wadi Al_zeineh Bridge	Design Phase	w	1,560,000	. SAUDI	
Damour Bridge	Design Phase	w	1,000,000	. SAUDI	
	Design Phase	c	600,000	. SAUDI	
Saoufar Bridge	Design Phase	w	4,610,000	. ITALY	
	Design Phase	w	500,000		
Mdeireg Bridge	Design Phase	w	20,000,000		
Addousieh Bridge	Design Phase	w	760,000	. IRAN	
Sarafand Bridge	Design Phase	w	700,000	. IRAN	
Saksakieh Bridge	Design Phase	w	690,000	. IRAN	
Bablieh Bridge	Design Phase	w	760,000	. IRAN	
Ansarieh Bridge	Design Phase	w	500,000	. IRAN	
Ansarieh- Deir Takla Bridge	Design Phase	w	500,000	. IRAN	
Khayzaran Bridge	Design Phase	w	480,000	. IRAN	
Masbah Bridge	Design Phase	w	370,000	. IRAN	

Roads & highways Contracts in preparation (Cont'd)

	Progress Status		Estimated Amount	Funding Source	Indicative start date
Bridge near Ministry of displaced	Design Phase	w	370,000	IRAN	
Abou al-Aswad Bridge	Design Phase	w	1,000,000	IRAN	
Sector Totals			1,057,363,260		

Transport Contracts in preparation

	Progress Status		Estimated Amount	Funding Source	Indicative start date
Capital Investment					
Beirut International Airport (B.I.A)					
Civil works for existing tarmacs and runways for the rehab. and development of Beirut airport	Tendering Phase	w	6,000,000	KFAED	Dec/2007
Hangars for air line companies (phase 1)	Design Phase	w	4,000,000	Local	Jan/2008
Rehabilitation of storm water drains and aircraft parking spaces adjacent to TMA hangers at Rafic Hariri International Airport	Design Phase	w	2,600,000	KFAED	Jun/2007
Sector Totals			12,600,000		

*Hasroun Overpass (Bcharri)**Rehabilitation Chtoura Masnaa Highway.*

the Temporary Asphalting road between Jouret El Ballout - Deir Mar Chaaya (2A) & Deir Mar Chaaya - Baabdat (3A) was awarded.

CDR is working on the following studies: Jounieh-Bkerke- Harissa road; updating Batroun- Dael road study; updating Mar Cha'aya - Atchana road study; traffic control and related economic comparative study; a master plan for basic road axes in Kesrowan caza (the study

covers the northern exit between Dbayeh and Tabarja); preparation of expropriation documents for rehabilitation of the existing highway parallel to Jounieh and streamlining its entrances and exits to/from side roads; a study for rehabilitation of Chekka Tunnel. CDR also awarded: A feasibility study for connecting Tyre caza to the Masnaa border point; a study for streamlining traffic across Kesrwan-Ftuh coastal area; a study for connecting Rabieh-

Nacaache to Bikfaya road. Within the Metn expressway project, CDR prepared tender documents for rehabilitation of Hbous-Bikfaya road and amended the study for another section of this expressway.

Within the framework of rehabilitation and upgrading the Tripoli road network, CDR is conducting a study for developing Tripoli infrastructure. A contract has also been awarded for pavement works in Bab el

Tabbahneh.

Within the framework of the road lighting program, CDR awarded a contract for the lighting system of Remaileh interchange.

Within the program of rehabilitation and reconstruction of bridges destroyed in the Israeli aggression on July 2006, and within its commission, CDR undertook the supervision of the execution works of the following bridges: Siniq bridge, Old Zahrani bridge, Ghazieh bridge, qinarit bridge, Ghazir bridge, Rmeileh interchange, Rmeileh bridge, Fidar bridge, Mdfoun bridge, Jieh bridge (eastern to Jammoul bakery) Jieh bridge (southern to Aytam gas station), Awwali bridge, Saida entrance interchange, Qasmieh bridge on the international road, Na'meh- Haret el Na'meh interchange, maritime Arqa bridge, Sadiat- Debbieh bridge, Wardenieh bridge, Maameltein bridge, Na'meh bridge, Damour-Beitte Dine interchange, Taanayel-mafraq el Marj bridge, Tall Amara- Ablah bridge, Damour-Harett el Rouss bridge (southern to pedestrian bridge).

Projects under preparation

Project for upgrading public services in Beirut and its suburbs Beirut infrastructure

Within the Project for upgrading public services in Beirut CDR expects to award the Part I and the Part II of the First Lot of the Third Phase of this project, also the Part I and the Part II of the Second Lot of the Third Phase and the third Lot of the third phase, also the Second Lot (Cornish Al Mazra'a and its

surroundings) of the Second Phase of this project.

CDR will also award the contract for street lighting and rehabilitation of public parks in Beirut.

CDR expects to award the contract for Abdul Baset al Onsi street project when funding from Beirut municipality becomes available and after settlement of land expropriation problems.

Infrastructure in various regions:

CDR expects to award contracts for upgrading Tripoli infrastructure (first phase-lots A and B) and for the relief works at the Bab el Tabbaneh Region in Tripoli city (Phase II), also the execution of the upgrading infrastructure works of old Saida road (Hadath- Chouaifat section).

Urban Transport Development Project (UTDP): This project aims to improve traffic flow in the greater Beirut area. It comprises three components:

- Parking management program for 5,000 cars using parking meters.
- Installation of 220 traffic lights, 30 traffic-monitoring cameras, traffic signs, road markings, construction of a traffic monitoring and management center and upgrading of pedestrian walkways.
- Improvement of main traffic axes, including construction of overpasses/ tunnels for 19 intersections and implementing related works along main roads.

Within the traffic lights project and traffic administration center, a contract will be awarded soon for

procurement of equipment needed for this center (including training traffic police) and subsequently for procurement of vehicles and office supplies for the center financed by the World Bank.

Within the project of organizing parking along roadsides in Greater Beirut, CDR expects to award a contract for procurement of supplies needed for the traffic police to organize parking. CDR also expects to award a contract for procurement of computers, software and office supplies for the traffic management center responsible for organizing parking along roadsides.

Within the framework of constructing bridges and tunnels at main intersections, contracts will be awarded for expansion of the old Tripoli road from Amarit Chalhoub up to Antelias; Mkallis roundabout; Jal el-Dib intersection; Msharafyeh intersection (Chiyah boulevard-Kafaat, financed by the World Bank; Yayounneh intersection, Mar Mikhail-Chiyah Boulevard intersection; Sami Solh-Damascus road intersection; Museum intersection, funded by AFESD; Bishara Khoury-Omar Beyhum intersection; Bechara Khoury-Independence intersection, funded by ADFD; Gallery Samaan intersection, financed locally

Greater Beirut penetrator roads and rehabilitation of the suburbs

North Beirut entrance

CDR will award soon a contract for the Seafront Boulevard between Antelias and Nahr Beirut, including al Mawared tunnel and

the Port road. This contract will be financed locally.

South Beirut entrance

The works of the old Saida road, between al Hadath and Choueifat will be awarded soon. This contract will be financed by AFESD.

East Beirut entrance

The works of the Hazmieh- Charles Malek road, Hikmeh-al Turk section will be awarded soon. This contract will be financed by AFESD.

Rehabilitation of primary and secondary roads: Detailed studies for rehabilitation of several highway sections are complete.

The Arab Highway

CDR is endeavoring to secure financing for the remaining section of Jamhour - Baalchmay(9km).; the Mdeirij-Chtoura-Ta'anael section is under bidding process, financed by the Saudi Fund (Grant and loan) and OPEC fund and Ta'anael-Masnaa section, financed by EIB and it is also under bidding process.

The north coastal highway

CDR is planning to award a contract for construction of the east and west ring roads in Tripoli, financed by IDB and EIB.

Various roads in the north

CDR is planning to award contracts for the following roads: Beit Ayoub- Fneidek; Aboudiyeh - Manjaz 913km); Batroun - Dael; rehabilitation and expansion of Deir Bella - Kfar Helda/Bsatin-O'si-Bziza-Deir Bela-Kfar Helda

intersection - Beshtodar- Owra including its intersections; Kousba road-Tourza intersection; Hasroun-Berkasha interchanges- Cedars road; Beit Munzir road; Chekka-Amyoun - Kousba road.

CDR is planning to award contract for carrying out a feasibility study for the development of the coastal railways between Tripoli and Abboudieh.

Various roads in Mount Lebanon

CDR is planning to award contracts for the following roads: Sa'adiyat-Ain al Hour and Joune-Za'arouriyah road; Baklie- Za'rour - Sannine road; Sannine-Zahle/Mrouj intersection; Fakra-Sannine -al Masateb road; Ain Alaq - Bteghrine road; Jounieh - Bkerke-Harissa road, Ghazir - Jdeidet Ghazir road; expansion and rehabilitation of Mayrouba-Nahr el Zahab - Jouret al Tirmes - Hadshat - Yahshoush road. CDR will also award contracts for road protection works and treatment of soil erosion in Byakout.

Various roads in the south and Nabatiyeh

CDR is planning to award contracts for the following roads: Naqoura - Bint Jbeil road; Chwayah-Sheba'a-Zaghla road; Ash Shihabiyeh - Ghandoriyeh - Marjyoun road and Bint Jbeil - Udaisseh road

Various roads in the Beka'a

For the remaining part of the International road, section Chtaura-Ryak- Baalbeck- Al Kaa (Syrian border) CDR is endeavoring to secure financing from the Islamic Iranian Republic for the execution of Baalbecj- Tawfikieh section. And from the State of Kuwait to secure

financing for Karak- Ablah -Riak and Douris-Baalbeck sections. Also CDR is endeavoring to secure financing for the remaining sections e.g. Riak-ghtaura and Tawfikieh-Al Kaa (Syrian border) sections.

Within the programme of rehabilitation and reconstruction of bridges destroyed in the Israeli aggression on July 2006, and within its commission, CDR will undertake the supervision of the execution works of the following bridges: Addousieh bridge, Sarafand bridge, Saksakieh bridge, Bablieh bridge, Ansarieh bridge, Ansarieh-Mar Takla bridge, Khayzaran bridge, Abou el Aswad bridge, Damour -Oceana bridge, Jisr beach bridge, Damour bridge near the ministry of displaced, Mdairij bridge.

Education

1. Public Education

The total value of contracts awarded since 1992 for both studies and construction works in the public education sector amounted to about US\$ 228.1 million. The plan for this sector aims to provide a seat in primary education for every Lebanese child of school age. This policy of "Education for All", adopted in the Dakar Conference Declaration, has been incorporated into the plans of the Ministry of Education and Higher Education (MEHE). All schools built will also be provided with the equipment and laboratories required under the new school curricula.

Achievements to Date

Urgent rehabilitation project: All

public schools (1284 primary, intermediate and secondary schools) have been rehabilitated. Most of these schools have also been provided with the necessary equipment, furniture and laboratories. All rehabilitation works of the central administration buildings of the Ministry of Education and Higher Education (MEHE) at UNESCO and Dekwaneh, as well as the buildings of the three Directorates General of MEHE, are complete.

Rehabilitation and expansion of public schools: By the end of 2001, CDR completed the rehabilitation and expansion works of 53 public schools. However, the Council of Minister's Decision No. 16, dated 13 December 2001, authorized MEHE to award the studies and



The Public school (Deir El Kamar)

works of public school buildings funded by the ministry's budget-Program Law. In 2002-2003, the Ministry started to replace CDR in the rehabilitation and expansion works of existing public schools. CDR limited its activities in 2002 to rehabilitation and expansion works of public schools in Beirut, which became operational during the academic year 2002-2003.

Supply of furniture and equipment for schools: In order to satisfy MEHE's request to provide the equipment required under the new curricula, CDR supplied 522 schools in all regions with furniture and equipment at a total cost of L.L. 2.12 billion, financed by the Ministry's budget.

The Ministry's examinations department was supplied with the necessary furniture and equipment for an amount of for about US\$ 130,000, funded by the World Bank. Computers needed by the Education Development Project (EDP) unit and Strategic Planning Unit (SPU) at MEHE were also procured, through the World Bank loan.

Supply of public schools with equipment for computer laboratories: Based on to the needs assessment study conducted by MEHE, CDR prepared the tender documents for the procurement of about 5000 computers and necessary hardware and software needed for the public schools funded by the Islamic Development bank (IDB). The relevant contract was signed in August 2003 with the successful bidder, ESCORT, for

US\$ 6.255 million, including maintenance of the equipment for three years.

However, delivery of the equipment was delayed after extending the contract twice awaiting for the decision of the Council of Ministers to sign the contract with Microsoft, which was eventually approved on 14/3/2004. Although the equipment were delivered during 2005, however the specifications did not conform with the ones stipulated in the terms of the contract. This discrepancy led to a dispute between ESCORT and CDR. To resolve the dispute, CDR commissioned VERITAS to compare the specifications of delivered equipment with those specified in the contract. VERITAS, confirmed in its report, that the equipment received do not conform with the required specifications, and that most of network components necessary for operation were not available.

Two other contracts, financed by the World Bank loan, were awarded: The first covered procurement of hardware and software for computer laboratories in public schools (intermediate and secondary), experimental schools of modern technology and pilot schools designed for school support. The second contract covered procurement of furniture required for the above equipment. The total value of both contracts, after adjustment, amounted to US \$ 2.69 million.

Reconstruction of destroyed schools: Through funding provided by the EU and SFD,

CDR reconstructed 24 public schools destroyed during the civil war. These schools were handed over gradually to MEHE, which in turn provided the basic furniture needed for their operation. These schools, distributed in all five regions of Lebanon, provide about 10,000 school seats lost during the war. The total cost of the relevant studies, works and supervision contracts was approximately US\$ 20 million.

Designs studies for new schools: CDR completed all design studies awarded in 2001 for building 90 new schools. The related tender documents are now ready. CDR proceeded to submit to MEHE any completed study for which foreign funding had not yet been secured. MEHE will in turn finance the works from its own budget.

Foreign funding (US\$ 105 million), in addition to allocations provided by the Program Law No. 622/97, were secured for financing the construction works of the following schools:

- US\$ 18.5 million from the Arab Fund for Economic Development (AFED).
- US\$ 7 million from the Saudi Fund for Development (SFD).
- US\$ 9.5 million from the Islamic Development Bank (IDB).
- US\$ 50 million from the Kuwaiti Fund for Social and Economic Arab Development (KFEAD).
- US \$ 20 million from the World Bank (IBRD) for construction works and equipment of 11 schools (80% of cost of works, 100% of cost of studies and supervision and 85% of cost of furniture and equipment).



The Public school (Yanta)

Construction of new schools:

From the beginning of 2002 and until the end of 2006, CDR awarded the works contracts of 65 new public schools. Out of this total, about 38 have been completed in the following regions:

- Eight schools in Beka'a (Saadnael, Shmistar, Hermel, Deir al Ahmar, and Ali al-Nahri, Nabi Sheet, Bouday and Kob Elias).
- Thirteen schools in Mount Lebanon (Damour, Baysour, Bater, Ashkout, Aitat, Abadiya, Deir al Qamar, Hsarat, Bziza, Shweir, Baabdat, Baaqlin and Yahshoush).
- Six schools in the North (Kfar Habbou, Syr, Bakhoun, Bibneen, Mishmesh and Anfeh).
- Five in the South and Nabatieh (Sujud, Al-Kfeir, Taloussa, Wadi Jilo and Rshaf).
- Seven schools in Beirut.

The World Bank, the Saudi Development Fund, the Arab Fund and the Kuwaiti Development Fund have all

contributed to financing the construction works of these schools.

The total cost of the seven completed schools in Beirut amounted to US\$ 27.8 million and their total capacity reached 11,676 students distributed as follows: 480 students in kindergarten, 5400 students in primary education, 3456 students in intermediate education and 2340 in secondary education. All necessary furniture and equipment were procured for these schools (except al -Shiyah School (No. 31), completed recently, which will be provided with furniture and equipment in the near future) at a total cost of US\$ 1,626,702, contributed by SFD, AFSED, and KFED.

Projects in Progress

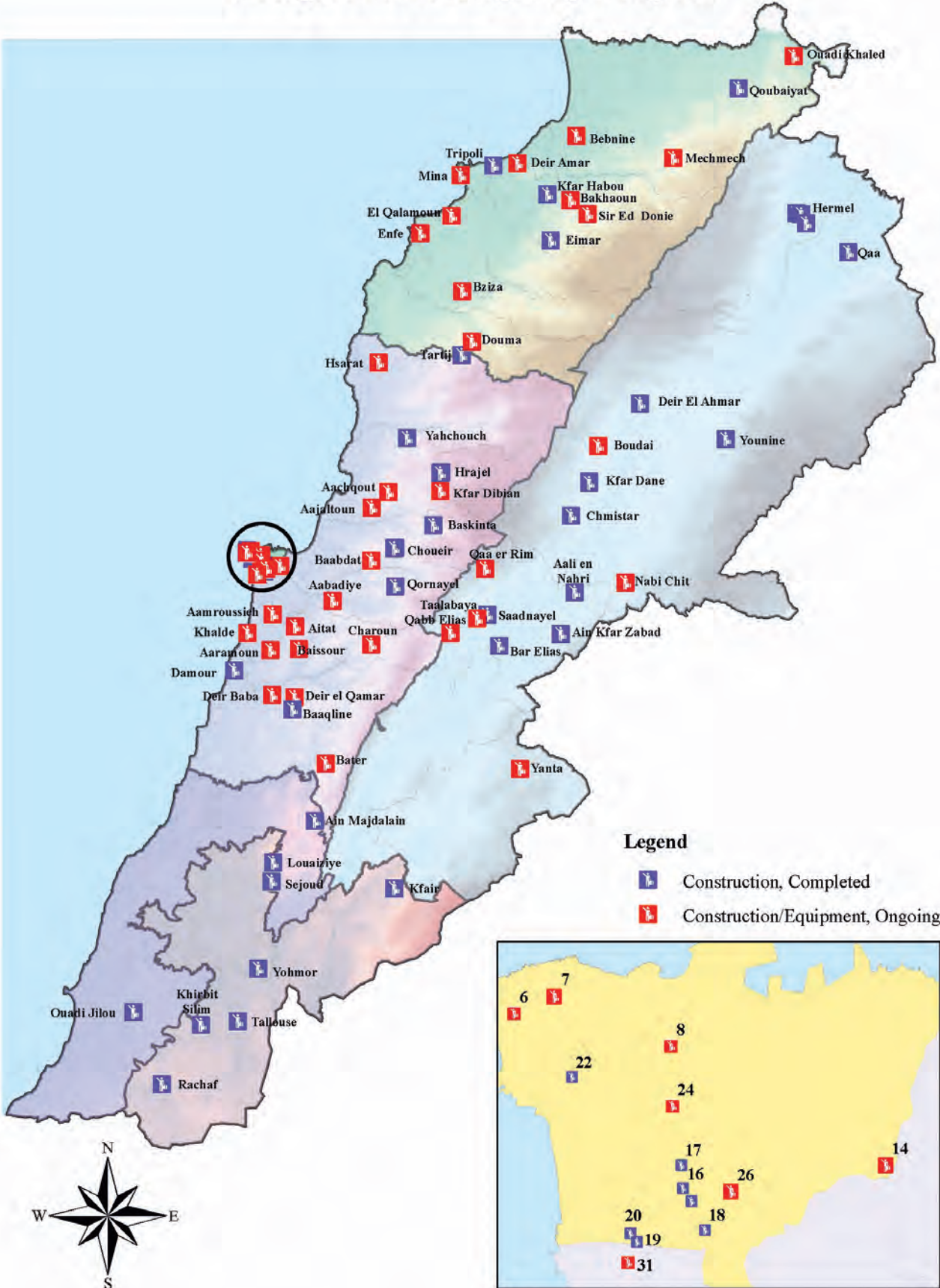
In July/August 2006, Lebanon witnessed an Israeli aggression that resulted in disastrous human loss, widespread displacement and immense damage to private and public infrastructure, in addition to

total economic paralysis.

It should be noted that the education sector was hit hardly by this war. Public and some private schools were the only shelters available for accommodating the displaced families. This caused delay in reopening of most schools until the Israeli siege of Lebanon had been lifted. After departure of displaced families, the schools needed repair. Partially or totally damaged schools also needed repair or reconstruction. In spite of all these calamities, Lebanon was able, with the help of its Arab brothers and the international community, to quickly heal its wounds and continue its development and reconstruction effort, after rehabilitating and repairing the damages caused by the war (Refer to War Damages on Lebanon).

During 2006, CDR signed contracts for the construction works of 16 additional public schools at a total cost of US \$ 33.7 million. These schools were

Public Schools Completed & Ongoing Projects



National Education Sector overview

Contracts awarded from January 1992 to December 2006							
		Total		completed		in progress	
		*No	Amount	*No	Amount	*No	Amount prog
Technical assistance		33	13.0	11	0.8	22	12.2 84%
Planning and policy studies							
Upgrading educational programmes	c	3	0.2	1		2	0.2 64%
	w	1	7.2			1	7.2 90%
Schools regrouping project: Master Plan	c	1	0.3	1	0.3		
Institutional development							
Technical assistance to Ministry	c	19	3.8	7	0.5	12	3.3 90%
Additional equipment & furniture	c	2				2	20%
	w	7	1.6	2	0.1	5	1.4 46%
Capital investment		676	215.3	585	137.8	91	77.5 35%
Rehab and equipment of public schools							
Rehab damaged schools - "phase 0"	c	1		1			
	w	3	0.2	3	0.2		
Phase 1 of schools rehab	c	10	1.6	10	1.6		
	w	66	8.4	66	8.4		
Phase 2 of schools rehab	w	69	10.7	69	10.7		
Phase 3 of schools rehab	w	4	0.8	4	0.8		
Phase 4 of schools rehab	w	93	14.0	93	14.0		
Phase 5 of schools rehab	w	57	9.4	57	9.4		
Phase 6 of schools rehab	c	11	0.3	11	0.3		
	w	4	0.4	4	0.4		
Rehab of public schools - equipment	w	10	4.7	10	4.7		
Reconstruction of destroyed schools	c	33	1.7	33	1.7		
	w	35	23.8	34	22.9	1	0.9 95%
Rehab & Extension of public schools	c	32	0.9	31	0.8	1	70%
	w	56	8.1	56	8.1		
Rehab/construct teacher training colleges							
Rehab and construction of teacher training colleges	c	2	0.3	2	0.3		
	w	1	1.1	1	1.1		
Construct new schools							
Studies for the Construction of new schools (IBRD)	c	8	0.9	3	0.1	5	0.8 82%
	w	7	11.9	2	3.3	5	8.5 47%
Equipment & furniture	c	2		1		1	50%
	w	4	3.5	3	0.9	1	2.6 50%
Construct new schools (Beirut)							
Beirut Schools (Various studies)	c	3	3.0	2	3.0	1	0.1 10%
	w	5	16.4			5	16.4 3%
Mazraa Public School (no:16)	c	2	0.1	2	0.1		
	w	1	4.1	1	4.1		
Dana station Public School (no:18)	c						
	w	1	0.8	1	0.8		
Bir Hassan Public School (no:19)	c	3	0.3	2	0.3	1	90%
	w	2	10.9	1	10.2	1	0.7 90%
Mousaytbeh & Ras Beirut Public Schools (no:20 & no 22)	c	2	0.1	2	0.1		
	w	2	6.9	2	6.9		
Transformation of Plot 2815 Building to school	c	3		3			
	w	1	1.6	1	1.6		

National Education Sector overview (cont'd)

		Contracts awarded from January 1992 to December 2006						
		Total		completed		in progress		
		*No	Amount	*No	Amount	*No	Amount	prog
Equipments and furniture for Schools in Beirut	c	3		3				
	w	4	1.1	4	1.1			
Construct new schools (Mount Lebanon)								
Mount Lebanon Public Schools	c	5	0.4			5	0.4	45%
	w	3	7.2			3	7.2	57%
Kfarselwan School	c	1				1		60%
Abadie School	c	3	0.1	2	0.1	1		40%
	w	1	1.6			1	1.6	40%
Baskinta School	c	1	0.1	1	0.1			
	w	1	1.8			1	1.8	
Babdaat School	c	1	0.2			1	0.2	56%
	w	1	2.0			1	2.0	40%
Dekwaneh School	c	1		1				
Bater School	c	2	0.1	2	0.1			
	w	1	1.3	1	1.3			
Baakline School	c	2	0.1	2	0.1			
	w	1	1.3	1	1.3			
Deir Al-kamar School	c	3	0.1	1	0.1	2		45%
	w	1	1.5			1	1.5	65%
Bayssour School	w	2	1.2	1		1	1.2	70%
Aramoun School	c	1				1		60%
	w	1	1.0			1	1.0	40%
Amrousieh School	c	1	0.1			1	0.1	60%
	w	1	2.1			1	2.1	
Al-Kmatieh School	c	1				1		60%
Aaytat School	c	1	0.1	1				
	w	1	0.9			1	0.9	50%
Ajaltoun School	c	3	0.1	2		1		
	w	1	1.0			1	1.0	40%
Kfardebien School	c	1	0.1			1	0.1	60%
	w	1	1.2			1	1.2	20%
Hasarat School	c	1	0.1			1	0.1	90%
Sharoun School	c	1	0.1			1	0.1	60%
	w	1	1.4			1	1.4	5%
Yahchouch School	w	1	1.8	1	1.8			
Construct new schools (North)								
North Schools	c	2	0.1			2	0.1	28%
	w	3	4.3			3	4.3	36%
Al-Tall School	c	2	0.2	1	0.1	1	0.1	5%
Kalamoun School	c	2	0.1	2	0.1			
	w	1	1.2	1	1.2			
Ibrine School	c	2	0.1	1		1		60%
Bziza School	c	2	0.1	1	0.1	1		
	w	1	1.1			1	1.1	50%
Douma School	c	2	0.1	1		1		
	w	1	1.8			1	1.8	40%
Tal-Abbas School	c	1				1		60%

National Education Sector overview (cont'd)

		Contracts awarded from January 1992 to December 2006						
		Total		completed		in progress		
		*No	Amount	*No	Amount	*No	Amount	prog
Mechmech School	c	1	0.1			1	0.1	60%
	w	1	1.7			1	1.7	20%
Rama School	c	1	0.1			1	0.1	60%
	w	1	1.8			1	1.8	50%
Kourkof School	c	1				1		60%
Bibnin School	w	1	2.7			1	2.7	90%
Tekreet School	c	1		1				
Bcharre School	c	1				1		60%
Bakhoun School	c	2	0.1	1		1		
	w	1	1.2			1	1.2	
Construct new schools (South)								
South Schools	c	1	0.1			1	0.1	10%
	w	2	0.1	2	0.1			
Marwanieh School	c	1	0.1	1	0.1			
Wadi Jilo School	c	2		2				
	w	1	0.8	1	0.8			
Soujod School	c	3	0.1	3	0.1			
	w	1	0.7	1	0.7			
Ain Majdelin School	c	1				1		56%
	w	1		1				
Construct new schools (Nabatyeh)								
Rchaaf & Talloussa Schools	c	5	0.1	5	0.1			
	w	2	1.8	2	1.8			
Al-Kfeir School	c	2	0.1	2	0.1			
	w	1	0.8	1	0.8			
Construct new schools (Bekaa)								
Bekaa Schools	w	1	1.3	1	1.3			
Talabaya School	c	1				1		60%
	w	1	0.7			1	0.7	
Majdal Anjar School	c	2		1		1		60%
Saadnayel School	c	2	0.1	2	0.1			
	w	1	0.9	1	0.9			
Kaa Al-rim School	c	2	0.1	1		1	0.1	60%
	w	1	1.5			1	1.5	60%
Ali Al-Nahri School	w	1	1.2	1	1.2			
Kamed El-Lawz School	c	1				1		56%
Brital School	c	1				1		60%
Shmistar School	c	1	0.1	1	0.1			
	w	1	1.5	1	1.5			
Deir Al-Ahmar School	c	1	0.1	1	0.1			
	w	1	1.2	1	1.2			
Nabi Chit School	c	3	0.1	2	0.1	1		30%
	w	1	1.6			1	1.6	30%
Fakha School	c	2		1		1		60%
Baalbeck School	c	2	0.1	1	0.1	1	0.1	
	w	1	3.0			1	3.0	50%
Hermel School	c	1	0.1	1	0.1			
	w	1	1.9	1	1.9			

National Education Sector overview (cont'd)

		Contracts awarded from January 1992 to December 2006						
		Total		completed		in progress		
		*No	Amount	*No	Amount	*No	Amount	prog
Yanta School	c	2		1		1		50%
	w	1	1.0			1	1.0	20%
Rachaya School	c	2	0.1	1		1		60%
Sagbine & Bekifa schools	c	1	0.1	1	0.1			
El-Rafid, Tanoura & Al-Mansoura schools	c	1	0.1	1	0.1			
Sector Totals		709	228.3	596	138.6	113	89.7	42%

Culture & Higher Education Sector overview

		Contracts awarded from January 1992 to December 2006						
		Total		completed		in progress		
		*No	Amount	*No	Amount	*No	Amount	prog
Technical assistance		3	1.6	2	0.8	1	0.8	80%
Institutional development								
Technical assistance to Ministry of Culture	c	1	0.8			1	0.8	80%
Procurement of Lab equipment to USJ	w	2	0.8	2	0.8			
Capital investment		36	338.9	23	32.1	13	306.8	89%
Lebanese University								
Rehab Lebanese University	c	5	4.5	2	0.2	3	4.2	24%
	w	1	0.3			1	0.3	70%
Damage assessment	c	1	0.1	1	0.1			
Rehab Faculty of Sciences at Hadath	c	4	1.2	4	1.2			
	w	2	16.6	2	16.6			
Rehab Faculty of Sciences at Fanar	c	2	0.7	2	0.7			
	w	1	6.7	1	6.7			
Lebanese University - New Hadath campus	c	5	22.2	1	0.2	4	22.0	90%
	w	9	282.5	4	2.3	5	280.2	90%
Procurement of Equipment to IUT	c	1		1				
	w	3	0.8	3	0.8			
Rehabilitate archaeological sites								
Rehab archaeological sites	c	2	3.2	2	3.2			
Sector Totals		39	340.5	25	32.9	14	307.6	89%

Vocational & Technical Education Sector overview

Contracts awarded from January 1992 to December 2006							
		Total		completed		in progress	
		*No	Amount	*No	Amount	*No	Amount prog
Technical assistance		48	7.4	48	7.4		
Planning and policy studies							
Vocational schools regrouping study	c	1	0.1	1	0.1		
Institutional development							
Curriculum revision	c	11	2.0	11	2.0		
Technical assistance to Ministry	c	20	4.3	20	4.3		
	w	16	1.0	16	1.0		
Capital investment		155	110.1	104	69.1	51	41.0 65%
General investment							
Rehab and equip technical & vocational schools	w	1	1.5	1	1.5		
Construction & Equipping New Vocational & Technical Sc	c	3	0.1			3	0.1 12%
Rehab., Expa. & Equip. of existing VT Schools	c	3	0.2	2	0.2	1	25%
Bibnine VT school	c	1	0.1			1	0.1
Batroun VT school	c	1				1	50%
Sir Al Gharbieh VT school	c	1	0.1			1	0.1 50%
Hasbaya VT school	c	1		1			
	w	2	2.7	2	2.7		
Shiaah (#30) VT School	c	1	0.6			1	0.6 80%
	w	1	11.0			1	11.0 80%
Rehab/equip vocational/technical colleges							
Rehab and equip technical & vocational schools: Buildings	c	10	1.1	10	1.1		
	w	10	10.1	10	10.1		
Furniture & equipment	c	2	0.1	2	0.1		
	w	33	28.6	33	28.6		
Rehab Bir Hassan Technical School	c	1	0.5	1	0.5		
	w	4	12.9	4	12.9		
Rehabilitation of Vocational and Technical schools in Beir	w	1	0.7	1	0.7		
Rehab. of VT schools of Mount Lebanon	w	1	0.3	1	0.3		
Rehabilitation of Vocational and Technical schools in Nort	c	1	0.1			1	0.1 90%
	w	1	0.9	1	0.9		
Rehabilitation of Vocational and Technical schools in Sout	w	1	0.4	1	0.4		
Rehabilitation of Vocational and Technical schools in Baka	w	1	0.4	1	0.4		
New VT schools: Beirut and Mount Lebanon							
Eddeh (Jbeil) VT school	c	2	0.1	1		1	
	w	1	1.6			1	1.6 20%
Batloun VT school	c	2	0.1	1		1	74%
	w	1	1.4			1	1.4 90%
Choueifat VT school	c	1	0.1	1	0.1		
	w	1	1.2			1	1.2 90%
Aley VT school	c	1		1			
Bikfaya vocational school	c	1		1			
Ankoun VT School	c	1		1			
Beit Chabab VT school	c	1	0.1			1	0.1 90%
	w	1	1.1			1	1.1 90%
New VT schools: North Lebanon							
Kobayat VT school	c	2		2			
	w	1	1.3	1	1.3		

Vocational & Technical Education Sector overview (cont'd)

Contracts awarded from January 1992 to December 2006							
		Total		completed		in progress	
		*No	Amount	*No	Amount	*No	Amount prog
Becharri VT school	c	2		1		1	10%
	w	1	1.5			1	1.5 10%
Al Mina (Tripoli) VT school	c	4	0.4	2	0.2	2	0.1 14%
	w	1	1.8			1	1.8 50%
Bakhoun VT school	c	1	0.1			1	0.1 80%
	w	1	1.4			1	1.4 90%
Halba VT school	w	1	1.5			1	1.5 90%
Amioun VT school	c	1	0.1			1	0.1 90%
	w	1	1.2	1	1.2		
Beddawi VT School	c	2	0.1			2	0.1 57%
	w						
Abu Samra (1) VT School	c	2	0.1	1	0.1	1	6%
	w	1	3.6			1	3.6 10%
Abu Samra (2) IPNET	c	2	0.1	1	0.1	1	6%
	w	1	2.4			1	2.4 10%
New VT schools: Bekaa							
Al Akaba (Rachaya) VT school	c	1		1			
	w	1	1.2	1	1.2		
Bar Elias VT school	c	2	0.1	1		1	90%
	w	1	1.4	1	1.4		
Zahle VT school	c	3	0.1	2	0.1	1	0.1
Kob Elias VT school	c	1	0.1	1	0.1		
	w	1	1.5	1	1.5		
Majdel Anjar VT school	c	1	0.1			1	0.1 75%
Deir Al Ahmar VT school	c	1				1	90%
Shmistar VT school	c	1		1			
	w	1	0.9	1	0.9		
Al Ain VT School	c	2	0.1	2	0.1		
Nabi Chit VT School	c	3	0.1	2	0.1	1	60%
	w	1	1.8			1	1.8 70%
New VT schools: South Lebanon							
Jbaa VT school	w	1		1			
Khyam VT school	c	1	0.1			1	0.1 80%
	w	1	1.0			1	1.0 90%
Rmeish VT school	c	1	0.1			1	0.1 60%
Ansar VT school	c	1	0.1			1	0.1 90%
	w	1	0.9			1	0.9 90%
Saida VT school	c	1	0.1			1	0.1 90%
	w	1	1.3			1	1.3 90%
Al Mtein VT school	c	2		1		1	80%
	w	1	2.2			1	2.2 90%
Al Kaa VT school	c	2	0.1	1		1	50%
	w	1	1.5			1	1.5 80%
Takrit VT school	c	2	0.1	1		1	30%
	w	1	1.8			1	1.8 80%
Sector Totals		203	117.5	152	76.5	51	41.0 65%

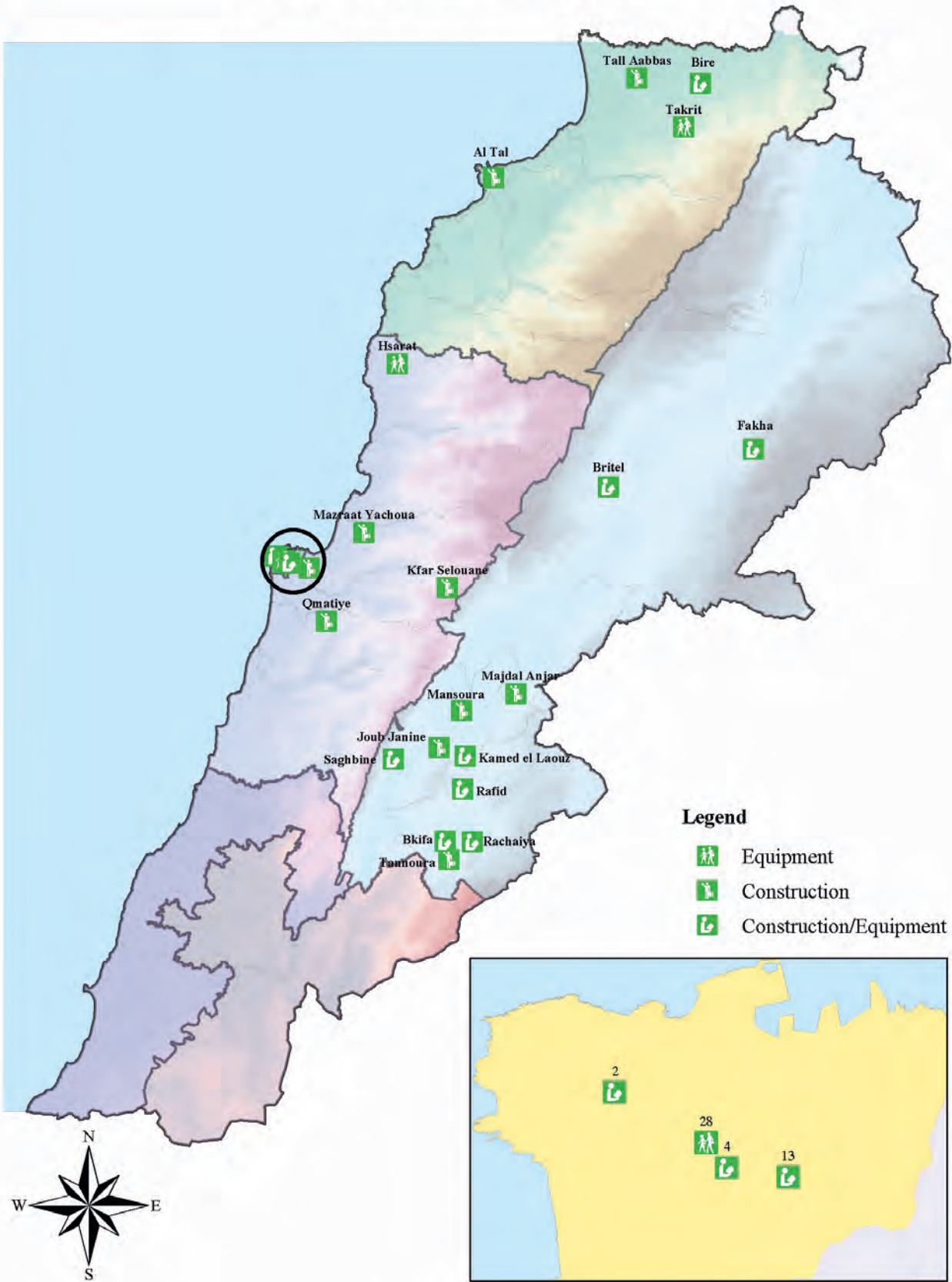
National Education contracts awarded in 2006

		Contract amount (in USD)	External funding	Start Date
Technical assistance		1,603,885		
Planning and policy studies				
Upgrading educational programmes				
Contract for conformity of IT equipment delivered by Escort + Add no.1	c	129,305		Apr/2006
Institutional development				
Additional equipment & furniture				
Sup for the provision of equip for General Education Resources Centers	c	13,996		Nov/2006
Provision of computers for general education resources centers - lot no.1	w	324,741	IBRD	Sep/2006
Prov of audio-visual & office equip for gen educ resources centers - Lot 2	w	144,310	IBRD	Oct/2006
Prov of comp & library furniture for gen educ resources centers - lot no.4	w	192,688	IBRD	Sep/2006
Sup for the prov of furniture for the new general education public schools	c	16,141		Nov/2006
Prov of furniture for the new general education public schools - Lot no.1	w	445,726	IBRD	Nov/2006
Prov of furniture for the new general education pub schools - Lot no.3	w	336,977	IBRD	Nov/2006
Capital investment		33,399,756		
Rehab and equipment of public schools				
Reconstruct destroyed schools				
Sup. On constr. Of school on plot 2815/ Al-Marzraa	w	39,829	SAUDI	
Construct new schools				
Studies for the Construction of new schools (IBRD)				
Construction of additional floor to Kob Elias Public school	w	699,023	IBRD	Jan/2007
Construction of School no.7 in Ras Beirut	w	3,182,744		Dec/2006
Equipment & furniture				
Sup for supply of furniture for pub sch at Rachaf,Talloussa,Kfeir,Soujoud	c	4,091		May/2006
Purch furnitures for Wadi Jilo,Rcheif,Talloussa,Kfeir & Soujoud pub schools	w	323,370	IDB	Mar/2006
Construct new schools (Beirut)				
Beirut Schools (Various studies)				
Const of pre-elem, elem & intermediate school no.6 , Ras Beirut	w	3,409,796	KFAED	Aug/2006
Construction of elementary and intermediate school no.24 , Mousseitbeh	w	1,901,658	KFAED	Aug/2006
Const of pre-elementary, elementary & intermediate school no.26 , Mazraa	w	2,192,257	KFAED	Aug/2006
Construction of school no.8 at Zokak El Blat	w	4,491,985	KFAED	Jul/2006
Supervision & TA for the construction of school no.14 in Ashrafieh	c	52,800		Dec/2006
Const of pre-elem, elem, intermediate & secondary sch no.14, Ashrafieh	w	4,391,143	KFAED	Aug/2006
Bir Hassan Public School (no:19)				
Sup for proc of workshop & class equip for the educ comp in Bir Hassan	c	15,623		Mar/2006
Equipments and furniture for Schools in Beirut				
TA concerning procurement of workshop & class equip for schools no. (20&22)	c	9,130		May/2006
Construct new schools (Mount Lebanon)				
Mount Lebanon Schools				
Design & Supervision of the construction of Jal El Dib public school	c	55,000		Mar/2006
Supervision of construction of Deir Baba public school	c	11,007		Jul/2006
Construction of Deir Baba public school	w	550,368		Jul/2006
Design and Supervision for the construction of Barja public school	c	75,000		Oct/2006
Deir Al-kamar School				
TD for Amphitheatre for Deir Al Kamar public school	c	8,250		Nov/2006
Aramoun School				

National Education contracts awarded in 2006 (cont'd)

		Contract amount (in USD)	External funding	Start Date
Construction of Aramoun secondary public school - Phase 1&2	w	1,031,001		May/2006
Amrousieh School				
Construction of Amroussieh public school	w	2,063,277	AFESD	Jun/2006
Ajaltoun School				
TA & Supervision of the construction of Ajaltoun public school	c	18,729	SFD	Jun/2006
Construction of Ajaltoun public school	w	983,261	SFD	May/2006
Construct new schools (North)				
North Schools				
Construction of Deir Ammar public school	w	842,077		Jul/2006
Al-Tall School				
Design & Sup for the construction of Al Tall public school on plot 47	c	135,818		Nov/2006
Bziza School				
TA & Supervision of the construction of Bziza public school	c	21,617	SFD	Mar/2006
Douma School				
Supervision of the construction of Douma public school	c	33,312	SFD	Mar/2006
Rama School				
Construction of Ramah / Wadi Khaled Public School	w	1,764,371	AFESD	Mar/2006
Bakhoun School				
TA and Supervision of the construction of Bakhoun public school	c	22,776	SFD	Mar/2006
Construction of Bakhoun public school	w	1,195,721	SFD	Mar/2006
Construct new schools (South)				
South Schools				
Design and Supervision for installation of prefabricated schools	c	75,900	HRelCom	Feb/2007
Inst of prefabricated schools in Ghandourieh, Aytaroun & Bint Jbeil	w	26,742	HRelCom	Oct/2006
Installation of Prefabricated schools in Ansarieh	w	44,583	HRelCom	Oct/2006
Construct new schools (Bekaa)				
Talabaya School				
Construction of Taalabaya public school	w	682,284		Jul/2006
Baalbeck School				
TA and Supervision of the construction of Baalbeck public school	c	56,920	SFD	Mar/2006
Construction of Baalbeck public school	w	2,988,293	SFD	Mar/2006
Sector Totals		35,003,640		

Public Schools Projects Under Preparation





The Public school (Bakhoun)



The Technical school (Al Kaa)

distributed among four regions as follows:

- The Bekaa: Baalbeck, Taalabaya, Kob Elias, (Adding a new floor and a wing to the completed school).
- Mount Lebanon: Aramoun, Amrousiyeh, Ajaltoun, Deir Baba.
- The North: Deir Ammar, El Rama-Wadi Khaled, Bakhoun.
- Beirut: Schools Nos. 6, 7, 8, 14, 24 and 26.

These schools will be funded by loan agreements signed with the AFESD, SFD, IDB and the World Bank. The works of most of these schools are expected to finish during next year.

CDR has also completed the studies related to the construction of a number of schools, including schools in Nabi Yoshaa, Tal Abbass, Taalabaya, Fakiha, Brital, Al Qasr- Sahlet al Maa, Deir Ammar, Ketarmaya and other villages.

For the furniture and equipment, CDR was able to secure financing for the procurement of furniture and equipment for the five schools (total cost of over US \$ 323.3

thousand) whose construction was funded by the Islamic Development Bank. These schools are located in Wadi Jilo, Rshaf, Tallousa, Sojoud and Kfeir. CDR also procured furniture for the schools funded by the World Bank at a total cost of US \$ 782.8 thousand. Finally, CDR procured the required technical equipment for the training centers and teachers colleges (office supplies) forming part of the continuous training component of the Education Development Project (EDP), at a total cost of US \$ 662 thousand.

Projects under Preparation

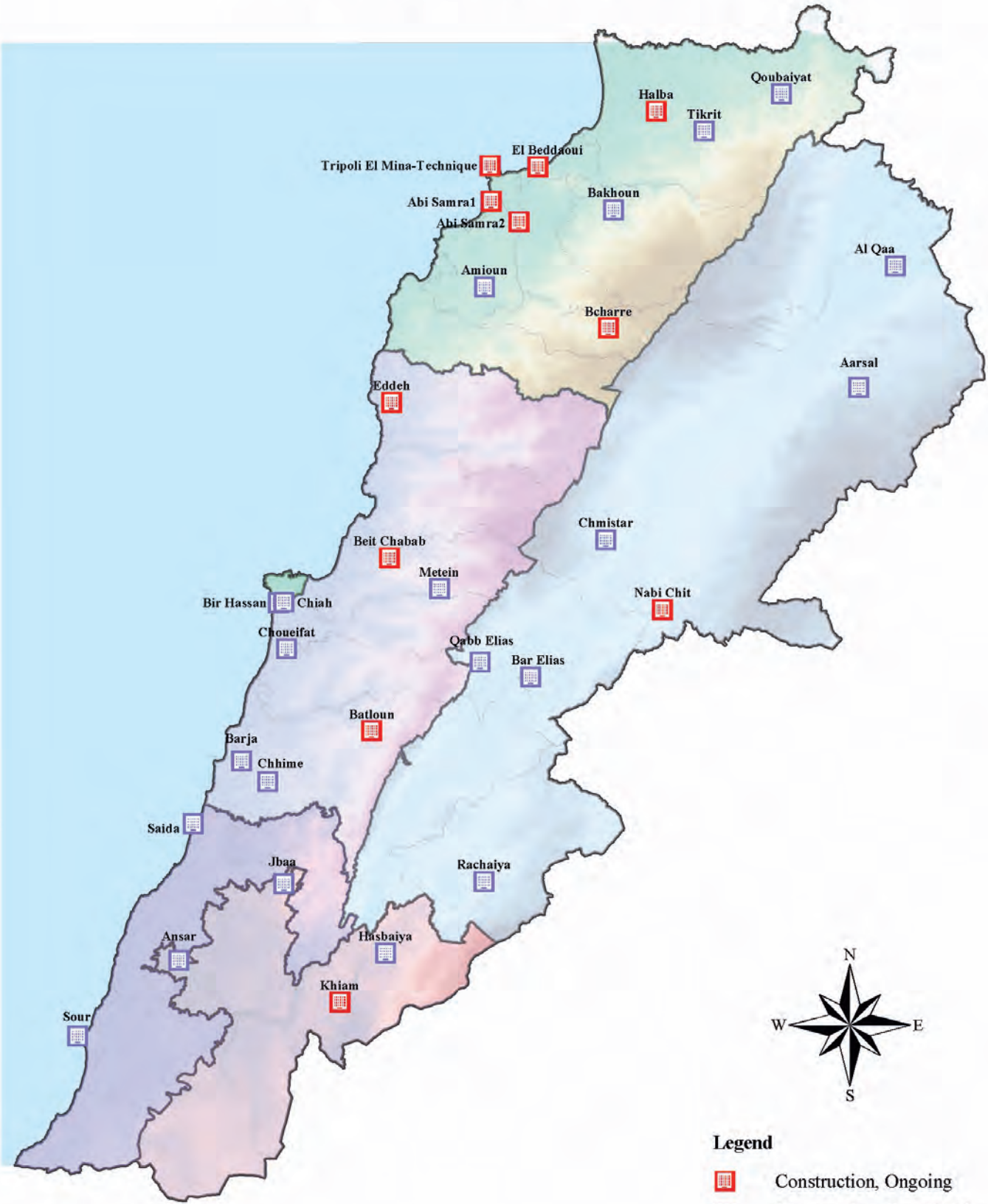
Construction of new schools: CDR is expected to award the construction works of about 16 schools during 2007, once the related studies and tender documents are complete. These schools are located as follows: Five schools in Beirut, eight schools in the Bekaa, one school in the North, and two schools in the South.

Five of these schools will be financed by KFAED, one school by SFD, eight schools by IDB and the two remaining schools by the



The Technical school (Tikrit)

Vocational & Technical Schools Completed & Ongoing Projects



Vocational & Technical Education contracts awarded in 2006

		Contract amount (in USD)	External funding	Start Date
Capital investment		3,432,060		
General investment				
Bibnine				
TA and Supervision of the construction of Bebnine technical school	c	82,454		Apr/2006
New VT schools: Beirut and Mount Lebanon				
Eddeh (Jbeil)				
TA & Sup of the construction of Edde technical school - Byblos	c	24,914	AFESD	Apr/2006
Construction of Eddeh Technical School	w	1,606,005	AFESD	Apr/2006
New VT schools: North Lebanon				
Becharre				
Technical Assistance and Supervision of Becharri Vocational School	c	25,309	AFESD	Jun/2006
Construction of Becharri technical school	w	1,488,778	AFESD	Jun/2006
Al Mina (Tripoli)				
TA & Sup of the construction of Al Mina vocational & technical school	c	36,609	AFESD	Aug/2006
TA & Sup for the construction of Tripoli hotel vocational Institute	c	91,997		Feb/2007
Rehab and extend Telephone				
Supervision of the construction of Beddawi Technical school - Tripoli	c	24,914	AFESD	Feb/2006
New VT schools: South Lebanon				
Rmeish				
TA and Supervision of the construction of Rmeich technical school	c	51,078		Apr/2006
Sector Totals		3,432,060		

Culture & Higher Education contracts awarded in 2006

		Contract amount (in USD)	External funding	Start Date
Capital investment		2,199,612		
Lebanese University				
Rehab Lebanese University				
Sup for the supply of inf equip for the students division in the Leb Univ	c	5,810		Jun/2006
Provision of inf equip for the students divisions in the LU fac & inst	w	293,423	AFESD	Jun/2006
New Campus, Hadath				
Supply of equip for the faculty of Science - LU - Lot no.1	w	404,204	IDB	Nov/2006
Supply of equip for the faculty of Science - LU - Lot no.2	w	1,496,175	IDB	Nov/2006
Sector Totals		2,199,612		

South Korean Government. It should be mentioned that CDR will launch the invitations to tender for the construction works of the schools financed locally, whenever the Ministry of Education transfers to its account the necessary allocations, since the related engineering studies have been completed, as mentioned above.

CDR will gradually launch the invitations to tender for the procurement of furniture and equipment needed by all the schools that have been, or will be completed during 2005 & 2006, mainly after having assigned 15 million US\$, from the Saudi Grant donated for the Reconstruction of Lebanon, for the procurement of furniture to the schools constructed with funding from SFD other sources.

The Project Management Team (PMT) of the Education Development Project (EDP) prepared the tender documents for the procurement of equipment of the schools financed by the World Bank loan. These documents were submitted to CDR and the latter intends to launch the relevant invitations to tender during 2007. The furniture for these schools have already been purchased.

CDR is preparing Tender Documents for the procurement of equipment required, for Schools and Public Administration at MEHE, for implementing the school information system (SIS). This system was granted to MEHE by the National Committee for the Support of Public Schools for

interconnecting schools.

In addition, the tender of the Education Management Information System (EMIS), financed by the World Bank, and prepared by the "PMT of the EDP", will be launched in March 2007. This system aims to develop the pedagogic process through the introduction of the information technology to the administration of the ministry of Education; and to create a uniform data base to support and follow-up the process of pedagogical and the administrative decision-taking, by providing the necessary pedagogic and administrative indicators. The contract will include the supply of software and hardware necessary for operating the supporting systems, both at the ministerial and school levels. The contract is expected to be signed in the summer of 2007 and to end in the following summer.

2. Technical and Vocational Education

The value of contracts awarded to date in the technical and vocational education sector amount to about US\$ 116.7 million. The study of the labor market needs, prepared by MEHE, helped the ministry to identify the need for building new technical and vocational schools and developing a clear strategy for this sector.

Achievements to Date

CDR has supplied the necessary furniture and equipment for the offices of the Directorate General of Technical and Vocational

Education (DGVTE) (previously a ministry) located in Starco building. It has also rehabilitated its offices in Dekwaneh and supplied it with the necessary equipment and furniture.

Rehabilitation and equipping of existing technical and vocational schools: The Lebanese government has given this sector priority by securing a US\$ 15 million loan from the World Bank to complete the rehabilitation works of all existing vocational and technical schools and institutes, and to provide them with the necessary furniture, equipment, and Technical Assistance services. A condensed training program for skilled workers and craftsmen was also implemented in the Construction and Industrial fields.

CDR also completed the construction works of Deir Al Kamar Hospitality School, and procured the equipment and supplies for the laboratories of Bir Hassan and Dekwanneh technical and vocational schools.

In addition, a French consultancy firm was commissioned to prepare a study of the curricula and to develop the tender documents for procuring the necessary educational equipment needed for three pilot workshops: two specialized in industry, vehicles at Bir Hassan and one in maintenance of bio-medical instruments at Dekwaneh schools. Purchase of all the equipment was financed under the French Protocol.

A Project Implementation Unit (PIU) (funded by the World Bank) has also assisted the ministry in modernizing the technical and

General education Contracts in preparation

	Progress Status		Estimated Amount	Funding Source	Indicative start date
Capital Investment					
Beirut Schools (School - Buildings)					
Construction of School No. 2 (Sanayeh - Raml el Zarif Schoo) and School No. 21.					
Construction of school no 2 & 21	Expropriation Problems	w	4,592,000	KFAED	Apr/2008
Furniture & equipment for school no 2 & 21	Design Phase	w	753,600	KFAED	Jun/2009
Construction of School (No. 4) (Ouzai- Aaris Station)No. 1229-1231					
Construction of school no 4	Expropriation Problems	w	4,523,000	KFAED	Apr/2008
Furniture & equipment for school no 4	Design Phase	w	744,000	KFAED	Feb/2009
Construction of School No. 6 (Tanoukhin Street)					
Furniture & equipment for school no 6	Design Phase	w	660,000	KFAED	Jan/2008
Construction of School No. 7 (Near A.U.B)					
Furniture & equipment for school no 7	Design Phase	w	660,000	KFAED	Jan/2008
Construction of School No. 8 (Butros Bustani Street)					
Furniture & equipment for school no 8	Design Phase	w	1,098,000	KFAED	Jan/2008
Construction of School No. 13(Near the Grande Lycee)					
Construction of school no 13	Expropriation Problems	w	6,100,000	KFAED	Oct/2007
Furniture & equipment for school no 13	Design Phase	w	945,600	KFAED	Apr/2008
Construction of School No. 14 (Near al-Nahr Corniche)					
Furniture & equipment for school no 14	Design Phase	w	772,800	KFAED	Mar/2008
Construction of School No. 24 (Salim Salam)					
Furniture & equipment for school no 24	Design Phase	w	432,000	KFAED	Jan/2008
Construction of School No. 26 (Ouzai Street Branch)					
Furniture & equipment for school no 26	Design Phase	w	364,861	KFAED	Jan/2008
Construction of School No. 28 (Saeb Salam Blvd- Bourj Abu Haidar Branch)					
Furniture & equipment for school no 28	Design Phase	w	278,400	KFAED	Mar/2008
Construction of two schools in Shayah, Plot No: 1433 (Schools No. 30 & 31)					
Furniture & equipment for school no 31 Chyah	Design Phase	w	921,600	KFAED	Sep/2007
The North Schools					
Procurement of furniture and equipment - Meshmesh School	Design Phase	w	494,435	SAUDI	Jan/2008
Procurement of furniture and equipment - Rama- Wadi Khaled School	Design Phase	w	456,314	SAUDI	Jul/2007
Construction of El-Tall School	Design Phase	w	3,500,000	SAUDI	Oct/2007
Purchase of Furniture & Equipment to Takrit school	Design Phase	w	394,993	SAUDI	Jan/2008
Purchase of Furniture & Equipment to JDouma schoo	Design Phase	w	394,993	SAUDI	Jan/2008
Purchase of Furniture & Equipment to Bziza schoo	Design Phase	w	394,993	SAUDI	Jan/2008
Purchase of Furniture & Equipment to Kalamoun schoo	Design Phase	w	734,539	SAUDI	Jan/2008
Purchase of Furniture & Equipment to Bakhoun schoo	Design Phase	w	465,261	SAUDI	Jan/2008
Mount Lebanon schools					
Procurement of furniture and equipment - Hsarat School	Design Phase	w	416,150	SAUDI	Jan/2008
Procurement of furniture and equipment- Amroussieh School	Design Phase	w	791,103	SAUDI	Jan/2008
Procurement of furniture and equipment - Batir School	Design Phase	w	416,150		Jan/2008
Procurement of furniture and equipment - Baakline School	Design Phase	w	456,314	SAUDI	Jan/2008
Procurement of furniture and equipment - Kferzebian School	Design Phase	w	393,004	SAUDI	Jan/2008
Procurement of furniture and equipment - Aitat School	Design Phase	w	393,004	SAUDI	Jan/2008
Procurement of furniture and equipment - Deir al-Kamar School	Design Phase	w	674,229	SAUDI	Jan/2008
Construction of Bourj el Barajneh school (secondary)	Design Phase	w	3,500,000	SAUDI	Nov/2008
Construction of fmrejji Lailaki school (secondary)	Design Phase	w	5,000,000	SAUDI	Nov/2008
Construction of Ghobeiri school (secondary)	Design Phase	w	3,500,000	KUWAIT	Nov/2008
Construction of Ghobeiri school (secondary)	Design Phase	w	3,500,000	KUWAIT	Nov/2008
Purchase of Furniture & Equipment to Baskinta school	Design Phase	w	733,651	SAUDI	Jan/2008
Purchase of Furniture & Equipment to Abbadiye school	Design Phase	w	734,539	SAUDI	Jan/2008
Purchase of Furniture & Equipment to Ajaltoun school	Design Phase	w	423,616	SAUDI	Jan/2008
Purchase of Furniture & Equipment to Deir El Kamar school	Design Phase	w	414,900	SAUDI	Jan/2008
Purchase of Furniture & Equipment to Yanta school	Design Phase	w	394,993	SAUDI	Jan/2008

General education Contracts in preparation (Cont'd)

Progress Status			Estimated Amount	Funding Source	Indicative start date
South and Nabatiyeh schools					
Procurement of furniture and equipment - Ain Majdeline School	Project identification	w	172,000	IDB	Nov/2008
Construction of Ain Majdleen Public Primary School.	Tendering Phase	w	846,452	IDB	Mar/2008
Construction of Tebnin School	Design Phase	w	2,167,000	KOREA	Jan/2008
Purchase of Furniture & Equipment to Tibnin school	Design Phase	w	747,978	KOREA	May/2008
Beka'a schools					
Construction works - Tannoura School	Design Phase	w	642,303	IDB	Mar/2008
Procurement of furniture and equipment - Tannoura School	Design Phase	w	103,000	IDB	Jul/2008
Construction works - Mansoura School	Design Phase	w	847,193	IDB	Jan/2008
Procurement of furniture and equipment - Al-Mansoura School	Design Phase	w	172,000	IDB	Jul/2008
Construction works - Saghbeen School	Design Phase	w	623,314	IDB	Jan/2008
Procurement of furniture and equipment - Saghbeen School	Design Phase	w	179,000	IDB	Jul/2008
Construction works - Bkifa School	Design Phase	w	657,721	IDB	Mar/2008
Procurement of furniture and equipment - Bkifa School	Design Phase	w	172,000	IDB	Jul/2008
Construction works - Rafid School	Design Phase	w	656,938	IDB	Jul/2008
Procurement of furniture and equipment - Rafid School	Design Phase	w	103,000	IDB	Jul/2008
Construction works - Kamed el Louz School	Design Phase	w	534,640	IDB	Jan/2008
Procurement of furniture and equipment - Kamed el-Louz School	Design Phase	w	179,000	IDB	Jul/2008
Construction works - Rachaya School	Design Phase	w	1,132,495	IDB	Jan/2008
Procurement of furniture and equipment - Rashaya School	Design Phase	w	272,000	IDB	Jul/2008
Procurement of furniture and equipment - Deir al Ahmar School	Design Phase	w	674,229		Jan/2008
Procurement of furniture and equipment - Shmistar School	Design Phase	w	919,312	SAUDI	Jan/2008
Procurement of furniture and equipment - Qa'a al-Reem School	Design Phase	w	456,314	SAUDI	Jan/2008
Procurement of furniture and equipment - Hermel School	Design Phase	w	1,325,237	SAUDI	Jan/2008
Construction & Equipment of Britel School	Design Phase	w	1,400,000	KOREA	Jan/2008
Purchase of Furniture & Equipment to Baalbeck school	Design Phase	w	886,940	SAUDI	Jan/2008
	Design Phase	w	734,539	SAUDI	Jan/2008
Supplies/Equipment and furniture for several schools					
Purchase of Equipment to Bebnine, Kfarhabo, Sir, Anfeh :in the North. Khalde , Baysour, Ashkout, Yahshoush:in Lebanon Mount. Ali Nahri, Kob Elias, Boodai : in the Bekaa.	Design Phase	w	2,750,000	IBRD	Aug/2007
Purchase of computers to schools	Tendering Phase	w	3,850,000	IBRD	May/2007
Purchase of Equipment to Bebnine, Kfarhabo, Sir, Anfeh :in the North. Khalde , Baysour, Ashkout, Yahshoush:in Lebanon Mount. Ali Nahri, Kob Elias, Boodai : in the Bekaa.	Design Phase	w	350,000	IBRD	Jan/2008
	Design Phase	w	600,000	IBRD	Jan/2008
Schools in different Areas,					
Construction of 3 schools in various regions	Design Phase	w	5,000,000	IDB	Oct/2009
Provision of basic infrastructural works & services to prefabricated schools.(70 units)	Design Phase	w	1,750,000		Apr/2007
Sector Totals			82,327,647		

vocational curricula.

CDR also rehabilitated existing technical and vocational schools and institutes in all regions, through World Bank loan: Deir Al Kamar Higher Technical School, Ajaltoun Technical School, Hammana Higher Technical School, Tripoli Technical School, Zghorta and Deir Ammar technical institutes, Douma, Baalbeck and Hermel Technical schools, Zahle, Mashghara, Rashaya and Nabatieh Higher Technical schools, Saida Technical School, Maria Aziz Technical Institute (Jezzine), Sour Technical Institute, Bint Jbeil Technical School, School of Arts and Crafts (Dekwaneh), Technical Industrial Institute (Dekwaneh), Pedagogic Technical Institute (Dekwaneh), Hospitality Technical Institute (Dekwaneh), Technical Institute of Tourism (Dekwaneh), Bir Hassan Technical School, Pedagogic Technical Institute IPNET (Bir Hassan), Hospitality School (Bir Hassan) and Hospitality Technical Institute (Bir Hassan). Power generators were also purchased for all these schools.

Constructing and equipping new vocational schools: The construction works of Bir Hassan complex are complete. This complex encompasses the National Pedagogic Institute for Technical Education (IPNET), the Nursing School and the Hospitality School (over 20,000 square meters).

The project was financed by the Arab Fund for Economic and Social Development (AFESD).

A needs assessment study was

carried out to identify the type of specializations needed in each region and the student capacity for every technical and vocational school.

CDR procured the necessary equipment for industrial workshops at ten technical schools, some existing and others to be constructed at a later stage, which are: Bir Hassan, Saida, Sour, Jba'a, Bednayel, Arsal, Chhim, Barja, Tibnine, Shmistar, Shoueifat, Beit Chabab, Kob Elias, Ansar, Saida-Dakraman and Khiyam. Funding was provided by IDB.

Projects in Progress

Construction works of technical and vocational schools: Work is currently progressing on the construction of new vocational schools in Ansar, funded by IDB, Bar Elias (works are completed), Nabi Sheet and Mtein funded by AFESD, Amioun funded by OPEC, and Chiah funded by KFESD.

During 2005, CDR signed 11 works contracts, at a total cost of about US\$ 20.3 million, for the construction of new vocational schools distributed among the following six Mouhafazats:

- Beka'a: El-Qa'a Vocational school
- Mount Lebanon: Batloun Vocational School
- The North: Baddawi, al-Mina - Tripoli, Abi Samra (1) and Abi Samra (2) vocational schools.
- Akkar: Halba, Bakhoun and Tikrit Vocational Schools
- The South: Saida Vocational School
- Nabatieh: Khiyam Vocational School.

These contacts were funded by AFESD, OPEC fund and IDB.

During 2006, only two contracts were awarded for the construction works of Edde - Jbeil and Bechari vocational schools, both funded by AFESD at a total cost of over US \$3 million.

Most of these vocational schools are expected to be delivered during next year.

CDR has also completed the design studies for the construction of new technical and vocational schools in Qalamoun, Mishmish, Batroun, Zahle, Majdal Anjar, Jib Jannine, Deir al Ahmar, Aley and Syr al-Gharbieh.

Projects under Preparation

Construction of new technical and vocational schools: Several tenders will be launched during 2007 for the construction of technical and vocational schools in Beit Ayoub, Batroun, al-Ain, and Deir al-Ahmar, Syr al-Gharbieh, Anqoun, Khiyam and Aley. In respect of Jib Jannine, Zahle and Majdal Anjar vocational schools, these may not be implemented due to technical reasons.

The construction works of these vocational schools will be financed by AFESD, the German Federal Republic (Syr al-Gharbieh) and the MEHE budget whenever allocations become available.

The Council also expects to launch the invitations to tender related to the procurement of supplies needed by the completed vocational

Vocational & technical education

Contracts in preparation

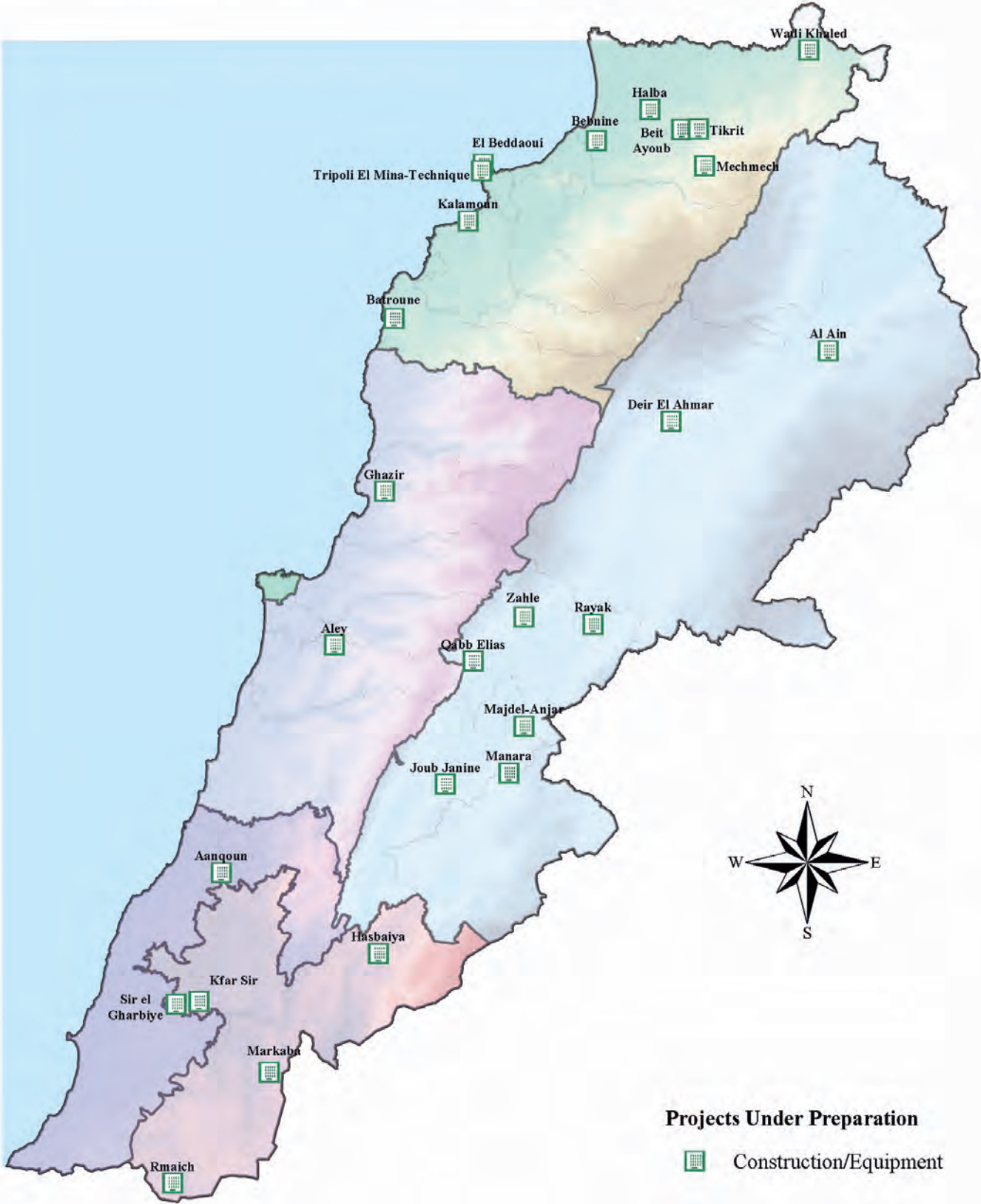
	Progress Status		Estimated Amount	Funding Source	Indicative start date
Capital Investment					
Construction and equipping of VTE schools in the North					
Equipping Bcharre and Technical School	Project identification	w	800,000	AFESD	Feb/2008
Equipping Qobayat and Technical School	Project identification	w	800,000	AFESD	Feb/2008
Equipping Bebnin and Technical School	Project identification	w	800,000	Local	Feb/2008
Equipping Batroun Technical School	Project identification	w	800,000	Local	Feb/2008
Equipping of Amioun Technical School	Project identification	w	800,000	Local	Feb/2008
Equipping of Bakhoun Technical School	Project identification	w	800,000	Local	Feb/2008
Equipping of Beddawi Technical School	Project identification	w	800,000	AFESD	Feb/2008
Equipping the high technical school - Abu Samra (1), Zeitoun, Tripoli	Project identification	w	800,000	AFESD	Feb/2008
Equipping Technical Training Institute in Abu Samra(2) Zeitoun, Tripoli	Project identification	w	800,000	AFESD	Feb/2008
Construction and equipping of VTE schools in Mount Lebanon					
Construction of Aley Technical School	Project identification	w	1,000,000	Local	Nov/2008
Equipping Beit Chabab Technical School	Project identification	w	800,000	Local	Feb/2008
Equipping Chweifat Technical School	Project identification	w	800,000	Local	Feb/2008
Equipping Aley Technical School	Project identification	w	800,000	Local	Feb/2008
Equipping of Batloun Technical School	Project identification	w	800,000	AFESD	Feb/2008
Equipping of Mtein Technical School	Project identification	w	800,000	AFESD	Feb/2008
Equipping of Edde-Jbeil Technical School	Project identification	w	800,000	AFESD	Feb/2008
Construction and equipping of VTE schools in Nabatiyeh					
Construction of West Syr Technical School	Design Phase	w	832,200	GERMANY	Nov/2007
Equipping Ansar Technical School	Project identification	w	800,000	Local	Feb/2008
Equipping West Syr Technical School	Project identification	w	800,000	Local	Feb/2008
Construction and equipping of VTE schools in Beka'a					
Equipping Qob Elias Technical School	Project identification	w	800,000	Local	Feb/2008
Equipping al-Qa'a Technical School	Project identification	w	800,000	AFESD	Feb/2008
Equipping Nabi Sheet Technical School	Project identification	w	800,000	AFESD	Feb/2008
Construction of Deir al-Ahmar Technical School	Design Phase	w	1,000,000	AFESD	Nov/2008
Equipping Deir al-Ahmar Technical School	Project identification	w	800,000	AFESD	Feb/2008
Equipping of Bar Elias Technical School	Project identification	w	800,000	AFESD	Feb/2008
Construction of Zahleh Technical School	Design Phase	w	1,000,000	AFESD	Nov/2008
Equipping Zahleh Technical School	Project identification	w	800,000	AFESD	Feb/2008
Equipping Akaba- Rachaya Technical School	Project identification	w	800,000	AFESD	Feb/2008
Sector Totals			23,032,200		

Higher education

Contracts in preparation

	Progress Status		Estimated Amount	Funding Source	Indicative start date
Capital Investment					
Completion of constr. works & procurem. of supplies & equip. for the Leb. Uni					
Unified University Campus - the North	Project identification	w	125,665,840	SFD, IDB	Dec/2007
Sector Totals			125,665,840		

Vocational & Technical Schools Projects Under Preparation



schools, funded by AFESD, as soon as the technical specifications required from the Directorate General of Vocational and Technical Education at the Ministry of Education, become available.

3 - Higher Education

The total value of contracts awarded to date in the higher Education Sector is about US\$ 338 million. Future plans of the government include construction of new university buildings according to modern specifications to replace the buildings currently leased by several faculties of the Lebanese University.

Achievements to Date

CDR has completed the rehabilitation of the Faculty of Sciences at the Lebanese University in Hadath (May 1995) and Fanar (December 1996); the National Museum (August 1995); the Music Conservatoire in Beirut Central District (BCD) and Achrafieh (November 1995), Sin el Fil (July 1995) and UNESCO Palace (January 1998). In addition, the Higher Institute of Technology at the Lebanese University and the Faculty of Engineering at Saint Joseph University were equipped with the needed equipment and supplies.

Projects in Progress

Lebanese University Campus: Construction works of eight faculty buildings together with the extension of the Faculty of Sciences building, the Industrial Research

Center and related utility service buildings were completed. The faculties are: Public Health, Medical Sciences, Fine Arts, Law and Political Sciences, Pharmacy and an extension of Faculty of Sciences.

This project was expected to be complete by the end of 2000. However, due to logistical obstacles, commencement of works on certain sites was delayed. Consequently, two contract amendments were signed with the contractor, the second of which set new completion schedules whereby the first section was expected to be handed over in August 2003, the second in April 2004 and the last in August 2004. The various sections were handed over on their scheduled dates.

Funding of the project was secured from the following sources: US\$ 38 million from IDB for the Faculties of Engineering, Medicine, Law and Political Sciences; US\$ 15 million for electrical and mechanical works at the university campus and US \$ 6 million for procurement of laboratory supplies for the Faculty of Engineering. An additional US\$ 100 million were provided by AFESD to finance partially various remaining sections of the project.

After completing the Faculty of Engineering building in the summer of 2004, CDR prepared the tender documents related to procurement of necessary laboratory supplies and equipment. The invitation to tender was issued in 2005, but the contract was not awarded until the last quarter of 2006 due to the Israeli war and amendments on the

contract terms. Contact signature and reception of equipment will take place during 2007.

Accordingly, all buildings and facilities of the Hadath University Campus have now been completed with the exception of external works

In the context of this project, a 3-year operation and maintenance contract for the Hadath University Campus was awarded at a total cost of US \$ 26.4 million. CDR also awarded a supervision contract of the Operation and Maintenance services at this campus.

The Lebanese University: CDR prepared the tender documents for procurement of equipment for laboratories of the Faculty of Sciences. Following ratification of the IDB loan agreement for funding this project (US \$ 5 million), CDR issued the invitation to tender in 2006. Part of this equipment has been purchased, and the invitation to tender for the remaining part will be issued during 2007.

CDR also procured the computers for the student sections at the faculties and schools of the Lebanese University funded by ADF.

Lebanese University Campus in the North: A team of professors at the Lebanese University prepared the feasibility study and preliminary designs for a unified university complex in North Lebanon. Then CDR based on a decision of the Council of Ministers, commissioned a consultancy firm in April 2005, to prepare the

Youth & Sports Sector overview

Contracts awarded from January 1992 to December 2006							
		Total		completed		in progress	
		*No	Amount	*No	Amount	*No	Amount prog
Capital investment		36	145.6	34	133.1	2	12.5 57%
Rehab./construction of sports facilities							
Beirut Sports City	c	4	5.9	4	5.9		
	w	7	73.3	7	73.3		
Sports clubs and facilities	w	1	11.6			1	11.6 60%
Construction of Sports facilities for Asia Cup 2000	c	10	5.1	9	5.0	1	0.1 90%
	w	5	9.5	5	9.5		
Tripoli Stadium	c	2	1.1	2	1.1		
	w	4	16.9	4	16.9		
Saida Stadium	w	3	22.1	3	21.3		0.7
Sector Totals		36	145.6	34	133.1	2	12.5 57%

Sports facilities Contracts in preparation

			Estimated Amount	Funding Source	Indicative start date
Progress Status					
Capital Investment					
Playgrounds and sports facilities					
Implementation of Mina sports hall project.	Design Phase	w	2,590,000	SAUDI	Jul/2007
Construction of Sin el-fil stadium	Project identification	w	4,000,000	Local	Jun/2007
Rehab. of Jounieh Sport Stadium	Project identification	w	1,350,000	Local	Aug/2007
Rehab. of Bourj Hammoud Sport Stadium	Project identification	w	1,350,000	Local	Oct/2007
Rehab.of Bhamdooun Sport Stadium	Project identification	w	1,000,000	Local	Aug/2007
Completion of Aley Sport Stadium	Project identification	w	1,000,000	Local	Nov/2007
Completion of Ansar Sport Stadium	Project identification	w	2,000,000	Local	Dec/2007
Construction of Zahleh Sport Stadium	Project identification	w	2,000,000	Local	Jul/2007
Sector Totals			15,290,000		

detailed design, Tender Documents and Land Expropriation documents, where necessary, construction permits, geotechnical investigations and topographical survey needed for the project. The task of the consultant also included providing technical assistance to CDR during evaluation of the tender offers. The contract documents for the Faculty of Sciences were submitted to CDR in August 2006, and those related to the Faculties of Engineering and Fine Arts were submitted in November 2006. The contract documents for the remaining buildings of the University Campus are expected to be submitted in January 2007.

CDR also commissioned another consultant to perform the Safety and Solidity Mission of the project.

The Lebanese University Campus project in the North includes the construction of eight faculties: Faculty of Sciences, Faculty of Social Sciences, Faculty of Law

and Political Sciences, Faculty of Economics and Business Administration, Faculty of Arts, Faculty of Engineering, in addition to the Central Library, Conference Center, Guest House, Administration Building, Central Car Park, Southern Car Park and Sports Complex.

The project has been submitted to AFESD and the IDB for funding. The latter expressed its interest and requested some clarifications concerning the size of the project and its financing plan (number of faculties, areas, etc...). After providing the requested clarifications and data to IDB, agreement was reached to provide US \$42 million for financing the construction works and equipping the Faculty of Engineering and Architecture. The agency and commissioning agreements were signed with IDB on 30/5/2006. SFD will also contribute US\$ 15 million for the construction of the Faculty of Sciences.

Projects under preparation

CDR will re-issue the tender for procurement of the equipment and supplies for the Faculty of Sciences which was cancelled during 2006.

Lebanese University Campus in the North: CDR is expected to award at the beginning of next year the contract related to construction of the first phase of the unified university buildings in the north. This phase, funded by SFD, includes demolishing, excavation and infrastructural works to be followed by construction works of the Faculty of Sciences.

CDR will also launch an invitation to tender for the works of the faculties of Engineering and Fine Arts, following ratification of the funding agreement by the Lebanese parliament and promulgation of the relevant law. CDR will launch progressively and in phases invitations to tender for the remaining buildings of the project depending.



Public Health

A number of contracts amounting to US\$ 281.2 million for health studies and works in the public health sector have been awarded to date. Following its efforts in establishing new hospitals and health centers, the future policy of the government aims at establishing a strategy for a general health policy that ensures adequate health services to people in all regions. Work is focused on initiating studies of vital importance that aim to support and reinforce the administrative capacity of the Ministry of Public Health (MOH), with special emphasis on primary health care and rationalizing of increasing health expenditures.

Achievements to Date

Health sector policy studies and technical assistance Several significant studies dealing with health policy have been completed. Amongst these, two main studies were conducted in 1998: The first covered the "Establishment of the Carte Sanitaire System", while the second analyzed the Health Infrastructure Management Systems. Two other projects, dealing mainly in providing technical assistance to MOH, were completed in 1998, both of which were financed by an Italian grant amounting to 67,000 euro.

Other health studies, financed by the World Bank under the

framework of the Health Sector Rehabilitation project, have been completed, namely:

- Setting appropriate protocol and related fees in hospital surgical procedures paid by MOH in private and public hospitals.
- Hospital accreditation study (phase I and II), for the classification of hospitals in Lebanon, based on standards and norms set by MOH.
- Set Hospital autonomy law study (phase 1), covering the establishment of autonomous management boards for public hospitals. This relatively new law is implemented at the financial and administrative levels in all recently built hospitals
- Health sector financing study: Commissioned by CDR, the World Health Organization (WHO) to conduct a study pertaining to the reform of the health sector financial system and National Health Accounts. This study was completed at the end of 2003, financed by the World Bank.
- Institutional strengthening of MOH was carried out as part of the World Bank Health sector reform Project. It involved providing technical assistance to the Ministry in the fields of planning and policy making aiming to improve health care systems to be adopted by the Ministry.

Health care centers: 28 new health care centers were completed covering all regions of the country. They are the following:

- Eight (8) health centers financed through a grant by the Kuwaiti government were constructed and equipped in Aarsal, Deir al Ahmar, Chmistar, Nabi Chit, Qartaba, Bar Elias, Akkar el Atika and Hammana.
- Eight (8) health centers financed through a US\$ 7 million grant from Prince Al Walid Bin Talal were built in Saksakieh, Beirut/Ras el Nabaa, Tripoli/ Bab el Tabbaneh, Hrajel, Jbaa, Barouk, Zahle/Terbol and Khiam.
- Eight (8) health centers were rehabilitated and equipped under the Health Sector Rehabilitation project (World Bank loan), in Halba, Zahrieh, Beit Eddine, Zahle, Beirut, Choueifat, Saida and Nabatieh
- Three (3) health centers in Ehden, Minieh and Bsharre were rehabilitated through local financing, and were supplied with equipment funded by the Italian government.
- Hrajel Medical Center: Works of above health center were finalized by a Grant from Prince Walid Bin Talal and supervised by CEGP. Installation of equipment supervised by CDR was locally financed and was finalized beginning of 2005.

Hospitals: Eight (8) new hospitals of various capacities were completed in several Lebanese regions. Works of Beirut

Governmental University Hospital (BGUH) were completed (540 beds).

Construction of four (4) new public hospitals now in operation, were completed in the following Regions: Nabatieh (75 beds), Tannourine (40 beds), Rachayya (40 beds) and Sir al Dannieh (40 beds).

Rehabilitation of Tibnine Government Hospital (75 beds), which Started in the second half of 2001, has been completed through a grant by Saudi Arabia.

Rehabilitation and expansion works of Jezzine hospital (40 beds) are now completed (first phase) through local financing.

Construction works of three (3) new public hospitals have also been completed: Halba (75 beds) financed by OPEC Fund for Development, Sibline (75 beds) and Hermel (75 beds) financed by the SFD. Procurement of medical equipment for these hospitals was funded by IDB.

Expansion and rehabilitation works of four (4) government hospitals have been completed within the health sector rehabilitation project, partly financed by the World Bank. These are: Tripoli, Baableck, Dahr el Bachek and Shahar el Gharbi. Works started at the beginning of 2001 and basic rehabilitation was completed by the end of 2002. The four hospitals were fully equipped, furnished and put in service at the end of 2004.

Beirut Governmental University

Hospital (BGUH) (540 beds): Procurement of Basic and complementary equipment, for BGUH, funded by Islamic Development Bank, was completed end of 2006. Works, on the other hand, were funded by two loans from IDB, and SFD, and a grant for Saudi Kingdom.

Procurement of Medical equipment for Marjeyoun Hospital, funded by Islamic Development Bank, started in June 2005 and were finalized turning October 2006.

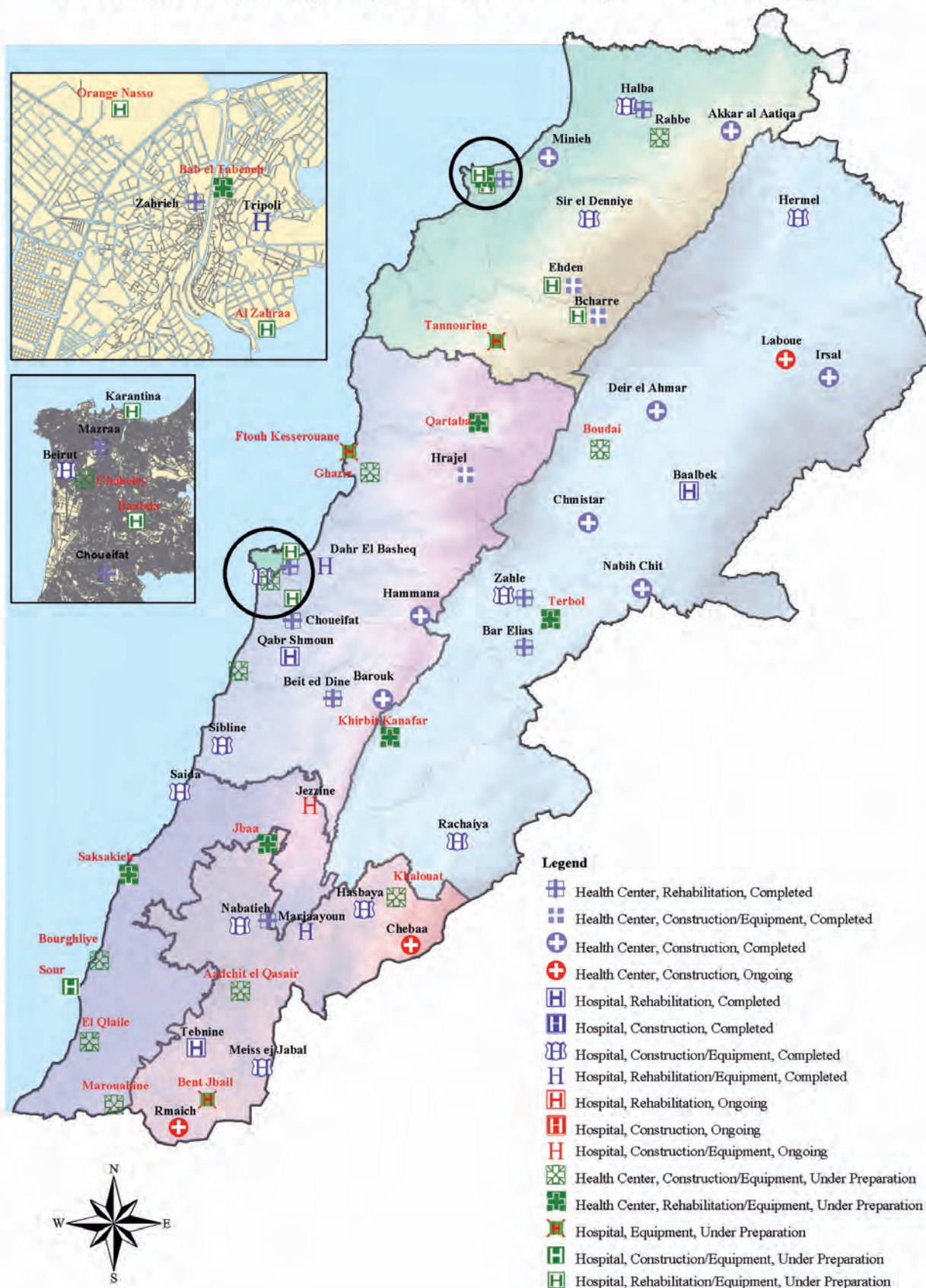
Projects in Progress

The National Nursing Education Program, financed by a grant from the Italian Government, is currently underway. The project aims at upgrading the nursing sector in Lebanon. It encompasses: training, legislation, and establishment of a nursing syndicate in Lebanon.

A "Health Policy and Research Unit" was established within the office of the minister of public health financed by a grant from the Italian government. This project aims at increasing the Ministry's technical capability to identify and implement appropriate strategies for health reform in Lebanon.

In mid-2004, the integrated program of health performance in South Lebanon was initiated, in addition to the program for reform of primary health services, through a grant from the Italian government. These two projects aim at improving the effectiveness

Public Health Completed, Ongoing & Under Preparation Projects



of the MOH budget through directing financial resources towards primary health care and adopting alternative services instead of concentrating on secondary health care.

Hospital: Work is underway to construct, extend, rehabilitate and equip several hospitals in various regions:

- Zahlé Hospital: (125 beds): Phase I and Phase II of the works for Zahlé Hospital were finalized, through a Grant from Saudi Kingdom. Major works for procurement and installation, of equipment, financed by IDB, are finalized. Minor works related to the air-conditioning system in the hospital will be completed in October 2007.

- Saida Hospital (125 beds): Phase I and Phase II of the works for Saida Hospital were finalized, through a Grant from Saudi Kingdom. Equipment installation was completed and the hospital has started to operate. Some minor electrical works in the hospital will be completed in October 2007.

- Kesroun/Bouar hospital (75 beds): Works which started in October 1999 through financed by OPEC Development Fund have been completed. Equipment procurement is expected to start in June 2007 and end in April 2008.

- Baabda hospital (125 beds): Rehabilitation works, financed by the Lebanese government, started in January 2003. Medical equipment, procured through

French financing, will be installed as soon as rehabilitation works are finalized in May 2008.

- Finalization of Phase II works of Jezzine Governmental Hospital (40 beds): Works on Jezzine Hospital started in February 2006, and are expected to end in November 2007, as per the study for Phase II works, which was updated by CDR. Equipment Installation will start in November 2007 and are expected to end in November 2008.

- Labweh Health Center: Works are expected to end in above Health Center end of September 2007. Equipment installation will start in February 2008, and will be finalized end of 2008.

- Rehabilitation of Chebaa and kheyam Health Center, in addition to construction and Equipment of Rmeich Health Center. Works started end of 2005 and will end in September 2007. Equipment installation is expected to start in February 2008 and end in November of the same year.

Projects in Preparation

Technical assistance projects under preparation are the following:

- Implementation of the second phase of the national nursing training program is expected to start at the end of 2007 and is funded by a grant from the Italian government. The project covers a study for developing institutional activities through the training of nurses and establishment of a

national nursing authority.

- MOH is preparing an integrated project to be financed by the World Bank that aims at ensuring continuity for the accomplishments of the health sector rehabilitation project completed at the end of 2004. The new project aims to establish a strategy for developing the health sector in order to generate effective health care and prevention services of high quality at the lowest possible cost. These services will cover all regions of Lebanon, specially the areas of greatest need.

Construction projects under preparation include:

- Quarantina hospital rehabilitation: As per the decision of MOH, Quarantina Hospital will be directly rehabilitated to a specialized Child Care Hospital. Works are expected to start in June 2008 and finalized in December 2009. Equipment procurement will start in December 2009 and end in July 2010.

- Equipment Tbnine Governmental Hospital (75 beds): The bidding procedure of Equipment Procurement for Tibnine Hospital is currently underway. The Hospital which was damaged during the last Israeli war, still needs rehabilitation. Equipment Procurement is expected to start in October 2007 and end in May 2008.

- Bint Jbeil Governmental Hospital: Rehabilitation and

Public health Sector overview

		Contracts awarded from January 1992 to December 2006						
		Total		completed		in progress		
		*No	Amount	*No	Amount	*No	Amount	prog
Technical assistance		105	15.3	104	14.2	1	1.1	5%
Institutional development								
Institutional strengthening: Ministry of Health	c	8	6.2	8	6.2			
	w	13	0.3	13	0.3			
Essential administrative and management functions	c	2	1.4	2	1.4			
Project Coordination Unit	c	16	1.1	16	1.1			
	w	4	0.6	4	0.6			
Technical assistance and training	c	41	1.2	41	1.2			
	w	2	0.1	2	0.1			
Technical Assistance for Ministry of Health	c	6	3.5	5	2.4	1	1.1	5%
Programme for nurse training								
Continuing Education Program for Nurses	c	13	0.8	13	0.8			
Capital investment		182	262.4	156	219.2	26	43.1	88%
Public hospitals: Beirut								
Qarantina hospital rehab	c	2	0.1	2	0.1			
	w	1	0.1	1	0.1			
Beirut University Hospital	c	1	0.1	1	0.1			
	c	15	7.8	13	7.7	2	0.2	87%
	w	25	120.8	20	100.7	5	20.1	86%
Public hospitals: North								
Tripoli hospital rehab	w	1	6.0	1	6.0			
Halba hospital	c	5	0.5	4	0.5	1		99%
	w	3	10.0	3	10.0			
Provision of new hospital at Tripoli	w	2	0.1	2	0.1			
Public hospitals: Mount Lebanon								
Dahr al Bashek hospital rehab	w	3	2.8	3	2.8			
Baabda hospital rehab	c	3	0.2	2	0.1	1	0.1	40%
	w	3	7.1	3	7.1			
Shahar al Gharbi hospital rehab	w	1	2.9	1	2.9			
Sibline hospital	c	2	0.9	2	0.9			
	w	6	11.0	6	11.0			
Provision of new Kesrouan Hospital	c	5	0.5	4	0.4	1	0.1	40%
	w	2	5.8	2	5.8			
Public hospitals: Bekaa								
Baalbek hospital rehab	w	1	2.4	1	2.4			
Construction of New Hermel hospital	c	4	0.9	4	0.9			
	w	4	10.8	4	10.8			
Provision of new hospital at Zahle	c	6	2.3	3	2.1	3	0.2	99%
	w	3	20.6	1	11.3	2	9.3	99%
Public hospitals: South								
Tibnine hospital rehab.	c	4	0.5	4	0.5			
	w	1	2.2	1	2.2			
Jezzine hospital rehab	c	3	0.1	3	0.1			
	w	2	3.2	1	0.5	1	2.7	65%
Marjeyoun hospital rehab	c	1		1				
	w	1	1.7	1	1.7			
New Hasbaya Hospital	c	1		1				
	w	3	2.2	3	2.2			

Public health Sector overview (cont'd)

		Contracts awarded from January 1992 to December 2006						
		Total		completed		in progress		
		*No	Amount	*No	Amount	*No	Amount	prog
Provision of new public hospital at Saida	c	4	2.2	3	2.0	1	0.1	80%
	w	3	19.3	1	11.1	2	8.2	92%
Rehab of Bint Jbeil Government Hospital	c	1	0.1	1	0.1			
Public hospitals: General								
Construction of new hospitals and health centers (Kuwait)	c	1		1				
Equip for Baalbeck-Shahar-Dahar El-Bachek-Tripoli hosp.	c	4	1.1	4	1.1			
	w	21	10.6	21	10.6			
General Health Projects - Hospitals	c	4	0.2	3	0.1	1	0.1	50%
	w	1	0.3			1	0.3	90%
Medical/health centres: Beirut								
Beirut Central dispensary rehab	w	1		1				
Medical/health centres: North								
Minieh health centre	c	1		1				
Bcharre health center	c	1		1				
	w	1		1				
Casa health centres & dispensaries rehab	w	2	0.2	2	0.2			
Ehden health centre	w	1	0.4	1	0.4			
Medical/health centres: Mt Lebanon								
Hrajel Health Center	w	1	0.1	1	0.1			
Medical/health centres: Bekaa								
Bar Elias health centre	w	1	0.2	1	0.2			
Laboue health centre	c	2		1		1		80%
	w	1	0.6			1	0.6	88%
Medical/health centres: South								
Rmeich Health Center	c	2	0.1	1		1	0.1	60%
	w	1	0.6			1	0.6	35%
Chebaa Health Center	w	1	0.4			1	0.4	60%
Medical/health centres: General								
Seven new health centres (Prince Walid)	w	3	0.8	3	0.8			
8 public health centers: rehabilitation	w	4	0.5	4	0.5			
Equipment for 28 health centres	w	2	0.4	2	0.4			
Italian Protocol Facilities in Health Sector	c	1	0.2	1	0.2			
	w	1	0.1	1	0.1			
General Health Projects	c	1		1				
General investment								
Setting up of the drug quality control laboratory	c	1	0.4	1	0.4			
Operation and maintenance		1	3.6	1	3.6			
Provision of medicine								
Provision of medicine	w	1	3.6	1	3.6			
Sector Totals		288	281.2	261	237.0	27	44.2	86%

Equipment of Bint Jbeil Hospital will be carried out by the Government of Qatar, who pledged to implement the Project above.

- Equipping the following medical centers: Torbol, Barouk, Hrajel, Saksakieh, Jbaa, Ras el Nabeh, Bab el Tabbaneh: CDR is currently seeking funding to procure and install the necessary medical equipment where construction works were completed by CEGP which was merged to CDR.

- CDR is seeking to secure financing for rehabilitation studies covering the following projects: Orange-Nassau Tripoli Governmental Hospital, Tannourine Hospital, Seer El

Dinieh, Qartaba Health Center and Khorbet Kanafar Health Center.

- CDR is also working to start Rehabilitation of Tibnine, Sibline, Saida, Marjayoun, Bint Jbeil Governmental Hospital all of which were damaged during the last Israeli war on Lebanon.

- Sour Governmental Hospital: CDR is preparing to start studies for Sour Hospital works, 75 beds. Works are expected to start in May 2008 and end in 2010.

- Equipment of Saida Medical Center and Khorbet Kanafar developed Health Center, where works are expected to start in November 2007 and end in June 2009.

- Rehabilitation and equipment the

following Health Centers, to be funded by IDB. Soksekieb, Khelwat, Jbaa, Boodai, Terbol, Rahbeh, Damour, Ghobeiri, Ghazeer. Works are expected to start beginning 2008 and end in August 2009.

- CDR is currently working on HWO prefabricated Health Centers donated by the Turkish Government in Kleileh and Adsheet. Infrastructure will be carried out through a donation from Kuwait and Saudi Kingdom. Works are expected to start in October 2007 and end January 2008.

Public health contracts awarded in 2006

		Contract amount (in USD)	External funding	Start Date
Technical assistance		57,000		
Programme for nurse training				
Nurse training				
Project Coordinator for the National Nursing Education Program + Add no.1	c	38,000		Jun/2005
Secretary for the National Nursing Education Program + Add no.1	c	11,400		Jun/2005
Driver for the National Nursing Education Program + Add no.1	c	7,600		Jun/2005
Capital investment		12,116,988		
Public hospitals: Beirut				
New Beirut University Hospital				
BGUH - Main Building - Maintenance and security - Add no.7	w	1,018,446		Jan/2006
Public hospitals: North				
New Tripoli hospital				
Supply & Installation of Lead Glass for X-Ray rooms in Tripoli Gov Hosp	w	9,249		Jan/2006
Public hospitals: Bekaa				
New Zahle hospital				
Supervision of installation of medical equip for Zahle & Saida gov hosp	c	73,300	IDB	Jan/2006
Supply & inst of medical equip for Zahle Governmental Hospital	w	5,351,122	IDB	Jan/2006
TC for the supply & inst of med equip for Zahle & Saida gov hospitals	c	38,280		Jun/2006
Public hospitals: South				
New Saida hospital				
Supply & installation of medical equip for Saida Governmental Hospital	w	5,275,450	IDB	Jan/2006
Medical/health centres: South				
Chebaa Health Center				
Rehabilitation of Chebaa health center and Al Khyam medical center	w	351,141	IDB	May/2006
Sector Totals		12,173,988		

Health Contracts in preparation

	Progress Status		Estimated Amount	Funding Source	Indicative start date
Capital Investment					
Completion of hospitals construction works					
The South					
Tebnin Public Hospital	Tendering Phase	w	3,550,000	IDB	Jul/2007
Rehab and equipment for existing and new hospitals					
The North					
Rehab and equipment of Orange Nassau Hospital - Tripoli	Project identification	w	3,000,000	SAUDI	Oct/2007
Rehab and equipment for Bcharre Hospital	Project identification	w	1,300,000	SAUDI	Jan/2008
Tripoli Gov. Hospital. Additional Medical Equipments	Project identification	w	540,000	IDB	Oct/2007
Tannourine Gov. Hospital. Additional Mediactal Equipments	Project identification	w	400,000	IDB	Oct/2007
Sir El Dinieh Gov. Hospital. Additional Medical Equipments and works	Project identification	w	450,000	IDB	Oct/2007
Beirut					
Rehab. and equipment for Qarantina hospital	Design Phase	w	7,450,000	IDB	Jun/2007
Mount lebanon					
Procurement of Equipment for Kesrwan Hospital	Design Phase	w	5,400,000	OFID, IDB	Jun/2007
Rehab and equipment for Qortoba Hospital	Project identification	w	700,000	IDB	Jan/2008
Sibline Gov. Hospital. Renovation	Design Phase	w	33,000	IDB	Mar/2007
Baabda Hospital. Rehabilitation	Design Phase	w	4,000,000	IDB	May/2007
South					
Procurement of medical equipment - Jezzine Hospital	Design Phase	w	3,000,000	IDB	Aug/2007
Supervision for equipment procurement of Jezzine & Bint Jbeil gov. Hospitals and 3 Health centers Chebaa El Kheyam Rmeich	Design tendering	c	100,000	IDB	Sep/2007
Saida Gov. Hospital. Renovation	Design Phase	w	27,000	IDB	May/2007
Sour Gov. Hospital. New Execution and Equipment	Project identification	w	10,600,000	IDB	May/2008
Nabatiyeh					
Rehab. And equipment for Marjeyoun Hospital	Project identification	w	46,000	IDB	Mar/2007
Bint Jbeil Gov. Hospital	Design Phase	w	5,176,000	QATAR	Apr/2007
Beka'a					
Rehab., extension and equipment for Knafar Hospital	Project identification	w	1,000,000		Aug/2007
Hermel Gov. Hospital Rehabilitation	Design Phase	w	60,000	IDB	Mar/2007
New Hospital Execution	Project identification	w	30,000,000	UAE	
Construction and equipping of health care centers					
Nabatiyeh					
Equipment for health centers - Chaba'a - Rmeish - Khiyam	Design Phase	w	1,350,000	IDB	Jun/2007
Equipment for hospitals and health centers	Project identification	w	4,500,000	IDB	Jan/2008
Beka'a					
Construction and equipmentof health care center - Labweh	Award of Contract	w	460,000	IDB	Jul/2007
diver					
Saida Medical Center Equipment	Design Phase	w	300,000		Jul/2007
diver					
Seksekieh, Khelwat, Jbaa, Bodai, Terbol, Rehbe, Damour, Ghobeiri, Ghazir Rehabilitation & Equipment	Design Phase	w	10,000,000	IDB	Feb/2008
Health Centers - National. Works & Equipment	Design Phase	w	800,000	SAUDI, KUWAIT	Apr/2007
Sector Totals			94,242,000		

Social and Economic development

CDR has taken a significant step forward in this domain after upgrading its practical experience the management of development projects that it has undertaken. This was reinforced by the creation at CDR of a social and economic planning department, within its planning and programming administration. This department, in addition to implementing development projects required for integration with other CDR projects, has helped to promote a serious dialogue with the concerned local entities. The initiative has also conferred a new dimension on the Council's activities that goes beyond its achievements in reconstruction by linking it directly to the human and social aspects of our work as well as its relationship, with both regional and sectorial development priorities. Consequently, this will impact the investment programs set down by the government.

CDR, in cooperation with several governmental and international agencies, has planned and coordinated several projects that aim to raise the living standards of

marginalized groups leading to significant changes at the national level. The Council's vital role in building a collaborative relationship with various stakeholders in this field emerges from its management of two projects: The Community Development Project (CDP) financed by the World Bank, and the Economic and Social Fund for Development (ESFD), financed by a grant provided by the European Union (EU).

The total value of contracts awarded to date in this sector amounts to about US\$ 44 million.

The future plan for this sector aims to promote a culture of economic growth and to establish a social development strategy, based on sectorial and regional needs. This will be accomplished in coordination with and cooperation of all concerned parties, in order to ensure continuous provision of social services to needy groups. Emphasis will be made on gender issues, the disabled, displaced people and youth problems, in addition to capacity building to reintegrate such groups



Equipment for a dental clinic.



Equipment for a health center.

into the community. The government policy aims to provide the forgoing social services, either directly through its network of Comprehensive Development Service Centers (CDSC) run by the Ministry of Social Affairs (MOSA), or indirectly in collaboration with NGOs and other institutions. In addition, MOSA is endeavoring to improve its own capabilities in the areas of planning and monitoring that allow it to raise its intervention capacity and improve the quality of its services.

Achievements to date

Improving living conditions of the poor: In its capacity as the agency responsible for implementing this program at the national level, MOSA worked closely with the United Nations Development Program (UNDP) to implement the following activities:

1. Multi-purpose social survey: National survey of household living conditions 2004: In order to be effective, interventions aimed at alleviating poverty require accurate measurements of poverty conditions and identification of the characteristics of the poor. The national survey of household living conditions 2004 was conducted to compile a significant statistical database. It will also provide the following: more accurate and comprehensive information of the demographic and social characteristics of the population, thereby updating the data obtained in the 1995 and 1997 surveys; acquire detailed information of the economic conditions of residents particularly as related to income and expenditure;

determine poverty lines in Lebanon through the adoption of an improved technology that integrates the method of measuring unsatisfied basic human needs (as set down in the “living conditions map” 1998) with the method of defining poverty lines based on the household income and expenditure, taking into consideration international standards adopted in this domain; study of the poor population characteristics in Lebanon; study of household budgets and extraction of data covering income and expenditure; provide a scientific statistical and analytical base for planning social policies. MOSA, UNDP, the Central Administration of Statistics (CAS) have all worked in partnership to manage the implementation of survey operations, coordination and follow-up. CAS assumed responsibility for the technical and field-work aspects of the survey. The project was financed by MOSA (U.S.\$ 932000) and UNDP (U.S.\$ 334000). A separate agreement was signed between MOSA and CAS, whereby the latter contributed about U.S.\$ 500000 to implement the national survey of household living conditions. Implementation of the survey began in February 2004 and the findings were announced at the end of December 2006.

2. Social report: This report, launched in April 2004, aims to update various sectorial indicators that help formulate national policies.

3. NGO support unit: This unit is a component of the “capacity building to alleviate poverty” project implemented jointly by MOSA and UNDP. The unit, established in 2004, aims to strengthen the

capabilities of community association and NGOs to become effective and influential pressure groups capable of supporting development at the national level. This is achieved by improving coordination between NGOs, on the one hand, and governmental agencies and donors, on the other, development of skills, and organization of training programs for these NGOs based on their needs. This includes creating a forum for sharing experiences and exchanging expertise among NGOs in Lebanon. The unit performs the following activities:

3.1) Awareness and training of NGOs on internal management, in cooperation with Friedrich Ebert Institute

This project aims to raise awareness among Lebanese NGOs on internal management concepts, including power sharing and rotation, internal democracy, good governance and rational management principles.

The project includes the following activities:

- Publication of a reference book covering internal management of NGOs in Lebanon, in both English and Arabic.
- Preparation of an information and training package covering the internal management of NGOs in Lebanon (under preparation).
- Holding seminars, training sessions and workshops for NGOs in various Lebanese regions to introduce and distribute the reference book to local NGOs.

3.2) Summer workshops - 2005 for capacity building of local community

institutions and NGOs in Lebanon:

The unit organized six training workshops, in cooperation with the Beyond Consulting and Training Institute, to build the capacities of NGOs, including institutionalizing their activities, developing their capabilities and efficiency, upgrading the quality of their services and ensuring their sustainability.

On the other hand, and because of the Israeli aggression in the summer of 2006, this unit organized, in the autumn of 2006, a new series of eight workshops covering institutional administration, human resources, good governance, financial management and funding policies.

3.3) Free legal consultation for NGOs

Within the framework of its consultancy services, the NGO Support Unit provides free legal consultation to NGOs through a legal consultation bureau with wide experience in this field. In 2005, the unit started to provide free legal consultation to representatives of about 75 NGOs in Lebanon covering issues related to the establishment of NGOs, preparing statutes and bylaws, designating the roles, duties and powers of their executive committees and general assemblies, taxation and exemptions, and the relationship between the employees and members of the organization.

3.4) Resources and information services

This aims to provide information concerning donors. The unit worked

intensively with the Social Development Project unit at CDR, financed by the World Bank and the Canadian Fund for Social Development, to secure funding for projects proposed by NGOs and to create a database for NGOs in Lebanon. Within this framework, the unit, represented by MOSA, and in coordination with the Social Development Project unit at CDR, supervised the NGOs survey implemented by the consultant ECE/PADECO.

3.5) Activities of the unit during the Israeli aggression of July 2006

During the Israeli aggression in the summer of 2006, the unit worked as a coordinating point between all local and foreign NGOs operating in the area of relief work in Lebanon in order to facilitate their work and to create a statistical database that stimulates coordination among participants. It also helped to provide legal services covering registration of foreign NGOs in Lebanon.

4. Ministry's Reform Plan: This plan, which falls within the general framework of the project, coordinates at the central level the development of social service management and the strategy of decentralized service management through the Development Service Centers (DSC), in partnership with NGOs. Consultations are continuing with CDR to coordinate the project objectives with national programs and priorities.

Strategic Study of the Development Service Centers (DSCs): This study was completed in December 2002. The report prepared by the consultant

included a set of recommendations that aim to enhance the development role of DSCs attached to MOSA. The cost of this study was US\$ 98,000 funded completely by a Japanese grant managed by the World Bank.

National Human Development Report: UNDP, in cooperation with CDR and other parties, annually issues the National Human Development Report Lebanon that highlights specific contemporary world concerns. The report focuses on specific challenges and opportunities posed by these issues and concerns from a human development perspective. The project is funded by CDR (US\$ 50,000) and UNDP (US\$ 75,000).

Mechanization of the Ministry of Social Affairs: MOSA, through a grant provided by the World Bank, engaged the services of a consultant to develop the computer software specifications that meet the requirements of the Ministry. This was considered necessary to improve its targeting process and to ensure improved control. MOSA also engaged a second consultant for identifying the software needed for its financial and administrative departments. CDR contributed US\$ 150,000 to this effort.

National Program Supported by UNFPA: Within the framework of the second phase of the National Program supported by UNFPA, covering the period 2002-2006, work was initiated on the following projects:

- Demographic and development strategies program: At the end of the war in August 2006, MOSA



Wall paper at Daher El-Mogher, Tripoli.

commissioned the task force working on the demographic and development strategies program with the responsibility of implementing a number of evaluation studies and conducting qualitative and quantitative surveys that aim to upgrade the Ministry's response to the needs of the population in emergency conditions. These studies will be taken into consideration in the policies and plans prepared by the Ministry. Many experts and research institutes were engaged to support the Ministry in implementing these studies in cooperation with the concerned departments and divisions at MOSA.

The demographic and development strategies program performed during 2005-2006 several activities within the framework of the following objectives:

First: Enhance national capacities for integrating demographic, reproductive health and gender issues into development planning and sectorial projects. This involved completion of the report concerning the experiences of a number of Arab countries in integrating the demographic dimension into their development plans, in order to benefit from these experiences in preparing the executive program for demographic policy in Lebanon,

which aims to merge demographic issues into sectorial plans and programs.

Second: Improve the availability of demographic data classified according to gender and geographical areas, through the assessment of related data systems.

Third: Raise the awareness of decision-makers, members of parliament, the media, community leaders and other stakeholders concerning the priorities of demographic, reproductive health and gender issues. This involves completing and printing a handbook that stimulates awareness, and holding technical meetings to discuss the proposed work plans. Work on the program of "demographic and development strategies" will continue within the framework of the 2007 work plan.

- Family health survey: This survey was completed under the protocol signed between MOSA and CAS, the latter being the official body authorized to conduct national surveys.

A higher consulting committee was formed to monitor this survey with representatives from concerned government and community bodies, including CDR. The objectives of this survey can be summarized as follows:

1. Provide detailed health, social, economic and environmental data on the members of Lebanese families, the status of Arab women, in addition to youth and adult questionnaires that contribute to building of a national and regional Arab database. In addition, to provide health and

demographic indicators necessary to follow-up the progress achieved in development objectives and to implement the plans and work programs of international conventions dealing with population and development.

The final report of the family health survey is complete. It was discussed in a national forum in which all concerned official and local community bodies have participated.

Preparation of the national report on follow-up of the Millennium Summit Goals (MDGs): CDR and UNDP issued the national report on the achievements of MDGs in Lebanon. This report was prepared jointly by the concerned government bodies and UNDP task force. The report will be used as a tool for monitoring progress on MDGs and objectives adopted by 191 countries in September 2000. This report reflects Lebanon's development priorities and goals for the coming fifteen years. A national forum was organized to discuss the findings and recommendations of the report. Work has actually begun in public and private organizations to adopt the indicators mentioned in the report.

Integrated Regional Development Projects

These projects aim to improve living standards and economic conditions of the most needy regions and disadvantaged communities. This will be achieved through improving basic social and economic infrastructures and developing productive capacities of the local population to achieve balanced development based on partnership between the public sector on the one hand, and the private sector and civil

society on the other.

Integrated rural development program for Baalbeck-Hermel:

Implementation of this program was completed in 2002. CDR worked closely with UNDP who contributed about US\$ 7 million to execute various interventions required under the program and to provide the necessary human resources.

Local community development in Arab rural areas-Lebanon:

The activities of this project implemented jointly by CDR, ESCWA, AGFUND and Mercy Corps International were completed in December 2002.

Preparatory studies for the rural development project: CDR, through a Japanese grant (PHRD) managed by the World Bank, prepared four preliminary studies for designing a rural development project in Lebanon. These studies covered the following areas: Integrated rural development policy and strategy, evaluating participation needs for accelerated rural development, marketing of agricultural products, available options for project activities and institutional assessment of the project.

Economic and social development program for South Lebanon:

Following the withdrawal of Israel from the occupied areas of South Lebanon in May 2000, and based on previous studies, the government, represented by CDR and in consultation with UNDP, initiated a joint program for the development of liberated villages in the South. The program aims to provide assistance for people who did not abandon their

land during more than twenty years of occupation. This involved implementing small scale projects that help improve economic activity in the region, motivate people to stay in their villages and encourage displaced persons and immigrants to return to the liberated areas.

The program targeted liberated villages in the following cazas: Marjiyoun, Hasbaya, Bint Jbeil and part of Sour caza. A permanent office was established in Sour for implementing the program. It should be noted that the activities of the program did not cover West Bekaa and Iqlim al-Toufah due to the limited available funding.

The program focuses on strengthening local and community institutions in the area, supporting their capacities and upgrading their performance to allow them to sustain their presence and perform the roles they were created for. Several activities were implemented within the context of the program, including strengthening the capacities of municipalities and local institutions, reintegrating young people into society, promoting investment sectors and microcredit projects and creating a database to exchange information concerning liberated areas. The program identified five basic sectors to focus on in its activities:

Municipalities, Youth, Economic Development, Agricultural Cooperatives and Rehabilitation of Liberated Prisoners. Personnel of local institutions are being trained and needs assessments are performed before implementing any project. Participation of local partners is essential in both the planning and

execution phases.

Municipalities sector:

The program organized a series of training sessions for 38 municipalities covering strengthening local participation, strategic planning, preparing project proposals and organizing and managing the municipality. The municipal technical support program included:

- A comprehensive economic and social field survey of municipalities in liberated areas.
- Enabling municipalities to enhance local participation in the planning and management of various development projects.
- Strengthening the capacities of local government representatives in the liberated areas.
- Supporting municipalities in implementing small socio-economic projects that take into consideration the issues of environment, local participation and improving domestic product.

Within this framework, the program organized a series of training sessions covering: promoting local participation, strategic planning, administrative organization, the legal framework of managing municipal councils, writing and preparing project proposals and documents. The program was limited to training activities. No direct assistance was provided and no projects were submitted due to the limited available funds.

Some municipalities were also trained on the method of using the GIS System Arc Info to enable them to introduce amendments on

previously supplied maps. This program requires continuous follow up and training to ensure systematic and proper use of the GIS System.

Youth sector:

This sector aims to reintegrate young people in liberated areas into society, in addition to three other main objectives:

1. To create a sense of communal citizenship and belonging among young people.
2. To create a free platform for young people based on dialogue and acceptance of other people's views. This led to the creation of common denominators among people with regard to defining their problems and achieving feasible solutions.
3. To develop and enhance young people's capacities and spirit of leadership and initiative in order to participate in benefiting their communities.

To ensure continuity of these activities within the framework of the local capacity building strategy, an agreement was signed with MOSA to turn the DSCs into local partners in the youth sector, through creating a number of active youth associations in certain villages of the South and working with them with the help of a task force appointed by the DSCs. The associations will then carry out voluntary activities that will activate the role of young people in every development aspect.

During 2005, the program funded the following activities for US \$ 33,648:

- Workshops on non-violence education
- Seminars on AIDS
- Seminars on ways to fight corruption

- A summer camp on adolescence problems
- Participation in the cultural and environmental competition organized by MOE.
- Participation in MOSA's ceremony to honor the volunteers at UNESCO palace.

The activities performed and funded by youth associations as a result of training and collective work within the program included: Computer training courses, sports tournaments and meetings.

In 2005, the British Embassy funded the construction of a football field in Beit Leef for US\$ 8400. UNIFIL participated in the excavation work and leveling of the playing field by using heavy equipment. Within the framework of cooperation between UNDP and the office of the Minister of State for Administrative Development, a computer center in Rmeish was equipped with five computers. This center offers services for a nominal fee. The Rmeish center was equipped following the success of Aita Shaab and Ain Harfa centers that provide a similar service.

Agricultural cooperatives sector:

Since 2000, the program supports capacity building of agricultural cooperatives in the liberated areas through various activities that include organizing training workshops, holding meetings between cooperatives and donors, in addition to financial support for the implementation of 27 different projects.

In 2005, training workshops were organized for cooperatives on the

“management of cooperatives and how to prepare and implement projects” in Marjeyoun, Hasbaya, Sour and Bint Jbeil cazas.

Economic development sector:

This sector aims to create job opportunities that will alleviate the critical economic conditions in the liberated areas resulting from both the general economic slowdown in the country and two decades of isolation due to Israeli occupation. In addition to identifying productive projects that help raise incomes and establish a base for sustainable development in the region, several training courses were organized for cooperatives in Marjeyoun, Hasbaya, Bint Jbeil and certain villages in Sour caza. The training workshops included 30 agricultural cooperatives in each caza. Additionally, 32 agricultural cooperatives were supported financially in various areas within the framework of the loan program for cooperatives.

In the same context, a cooperation and partnership agreement was signed with ADR that has contributed US\$ 52,100 to the cost of this project in addition to US\$ 58,500 funded by AGFUND. Training centers were established in the Marjeyoun and Bint Jbeil cazas to train members of the local community on the methods of project and loan management, agriculture and accounting. Following the training, selected individuals were provided with microcredits to develop existing projects or to establish their own new projects. To date, all loans have been provided and 28 individuals have benefited from the loans to implement various productive

projects.

Twelve agricultural cooperatives were also given a total of US\$ 60,000, equally distributed among them. The projects covered the fields of apiculture, cattle raising and organic agriculture.

Rehabilitation of liberated prisoners:

The objectives of this sector include elimination of social and vocational obstacles facing freed prisoners, as well as attending to their physical and psychological problems. The experience of captivity they had endured, including the traumas of investigations, torture and bleak dark prison cells, both solitary and collective, created immense problems that impede their return to normal life and reintegration into society, and hinder them from assuming family responsibilities like other citizens.

This project aims to help male and female prisoners freed from Israeli prisons and Al Khiyam detention camp in Marjeyoun, Hasbaya and Bint Jbeil cazas. The project components are medical treatment and rehabilitation, physical examination, psychological support, meeting the needs of the disabled, physiotherapy, vocational training, eradication of illiteracy, income generation and productivity, seeking employment opportunities and initiating a rotating loan fund.

The project is implemented through the Economic and Social Development Program for South Lebanon, in cooperation with NGOs and other institutions involved in prisoner care. The budget of the project (US \$ 719,334) is funded by

the Japanese government.

Preparations for implementing this project began in August 2004, but actual work and providing direct services to liberated prisoners and their families began only in January 2005. The preparations included many meetings with the parties concerned with liberated prisoners and assessment of the capacities of local establishments and NGOs for submission of an executive work plan for the project. This plan included the launching of an invitation to tender, based on the specific terms and conditions of each project, and the definition of execution mechanisms and methodology, according to regulations applied by UNDP and CDR. Partners were selected to provide the multi-services of the project according to specifications and standards specified in the contract.

Implementation activities started with the collection of data related to the present conditions of liberated prisoners for determining their needs, studying possible social interventions, after taking into consideration the priorities set in the work program.

Work was initiated in cooperation with Imam Moussa Sadr Institutions, Amil Institution and the Charitable Society for the Care of the Disabled. Later on the cooperation included the Lebanese Red Cross, Vision Association, Restart Center for Rehabilitation of Violence and Torture Victims, the Lebanese Society for the Rehabilitation of the Disabled, Society for the Development of Rural Capacities

and Jihad al-Bina' Development Society. Finally, the remaining parts of the project, such as management of the rotating credits project, were implemented in partnership with the National Association for Lebanese Prisoners in Israeli Prisons and Al Wafa Cooperative Society for Liberated Prisoners. As such, the number of the partners participating in implementing the project exceeds twelve societies and associations specialized in providing the various services offered by the prisoner rehabilitation project.

The project also established a number of activities that target all parties concerned with prisoners, in addition to civil society associations and other local organizations. Activities included several training workshops for those concerned with liberated prisoners and for raising awareness among students concerning prisons and imprisonment conditions.

It should be noted that at the end of 2005, the services included within the framework of the cooperation contracts signed with Imam al Sadr Institutions, i.e. for providing health services, and with the Charitable Society for the Care of the Disabled, i.e. for providing medical examinations, were both completed according to their contract terms. However, the situation of liberated prisoners living in Marjeyoun, Hasbaya, and Bint Jbeil cazas requires the continuation of such services based on the most urgent needs and their suitability to generate the expected results.

Cooperation with the mine action coordination office:

The program takes into consideration the direct relationship between social and economic development programs and the work of the Mine Action Coordination Cell in the Liberated South (MACC). Accordingly, cooperation and partnership between both program teams was established. The MACC team became the primary beneficiary of the development program data bank, and as such, the program became a partner in mine removal efforts.

Through its field work and data bank, the program has contributed to the formation of certain local institutions and enabled them to establish links with government institutions in the region that may help facilitate land mine removal operations.

In 2005, a joint project in coordination with the mine coordination center was submitted to the Japanese government (US\$ 2 million). The project proposal includes a component covering mine removal from certain areas in the Marjeyoun and Jezzine cazas that have high economic and social importance. The program then implements development plans targeting local communities and villages that were cleared of mines. The proposed project is expected to be completed within two years.

Program coordination activities:

Since the launching of its operations, and within the context of UNDP policies and international experience, the program has organized regular coordination meetings with international organizations, NGOs and community-based associations. These development and coordination

activities were turned into monthly events attended by most active associations in the South.

In addition to the regular exchange of information, the monthly coordination meetings seek to activate development activities in order to fill any gaps and avoid waste, considering the limited available of funds in comparison to the urgent needs of liberated areas. These periodic meetings also serve to link organizations in the South with international de-mining teams.

Socio-Economic Program to Support Repatriation of the Displaced:

This program aims to support and strengthen reconciliation efforts between residents and repatriates, as well as to provide basic social services to the population of these regions. The program has realized major achievements, including the enhancement and support of youth, municipalities, associations, schools, health centers and infrastructure of agricultural cooperatives. And as a result of its activities to consolidate social cohesion and promote reconciliation among the villages and towns in Shouf, Aley and Baabda cazas, the program developed its interventions by promoting joint programs that enabled it to establish new partnerships with various donors, including the British, Japanese, German and Belgian embassies and USAID. By the end of 2002, the total contributions from CDR, the Ministry of the Displaced, UNDP and other donors for this program amounted to about US\$ 3.2 million.

Local community development sector (municipalities and youth)

- A survey was conducted in July 2004 to determine the needs of four Shouf municipality unions.
- Workshops were held covering the role of youth in local community development.
- A series of workshops covering civil education were held.
- A field study covering eco-tourism was conducted in cooperation with the UN Volunteers Program for the Support of Local Government and the Lebanese University Faculty of Tourism.
- Vocational training was conducted in Hammana, in cooperation with the UN Volunteers Program for the Support of Local Government.
- A five day summer camp was organized in Hammana, in cooperation with the UN Volunteers Program for the Support of Local Government.
- A study was conducted to determine the needs of the Sweijan - Shouf Municipalities Union.
- Two Community Access Centers were launched at Hammana municipality (Baabda) and at the North Iqlim al-Kharoub-Mazboud Municipalities Union (Shouf). They were supplied with the necessary equipment, in cooperation with the Ministry of Administrative Reform, within the framework of the UNDP National e-strategy.

Socio - Economic Development Project, Akkar: **Akkar Support Strategy**

This program focuses on a strategy that aims to create and support local organizations at the local, regional and national levels. It aims to secure the necessary resources needed for the improvement of local socio-

economic conditions through sustainable development programs that focus on human resources development in local communities. The program draws on experience and lessons learned by CDR and UNDP development programs in other regions. The program strategy concentrates on strengthening local organizations that perform their activities under CDR supervision.

General Objectives

The program aims through its training program to enable municipalities and cooperatives identify problems, propose solutions and discuss them with members of the local community. The high-level coordination and cooperation between municipal councils, NGOs and youth associations reflect the partnership and strategy that the training program aims to realize.

Specific Objectives

1. Forming local development committees and training on local development methodologies.
2. Developing the capacities of municipalities, cooperatives and youth associations.
3. Crystallizing local development plans in various villages and towns.
4. Implementing local development projects.

Program Achievements in 2004

1- Municipalities: Works in this domain have included:

1) A socio-economic survey of Al-Juma region, conducted in partnership with Al-Juma Municipalities Union, Issam Fares Foundation and Balamand University. The aim was to perform a

comprehensive field survey of Al-Juma region based on GIS technology.

- 2) Training members of municipal councils and local development committees on local development methodologies.
- 3) Implementing five local development projects in five villages.

2- Cooperatives: Work in this domain included:

- 1) Implementing four training activities attended by 70 members in 15 cooperatives. These activities covered training on local development methodologies, financial and administrative cooperative work, marketing mechanisms, economic and social feasibility studies, crystallization of projects, preparation of project documents, bookkeeping, and preparation of budgets and closure of annual accounts. Also, the program helped cooperatives to crystallize ten projects that meet basic development needs. Documents for each project were prepared and presented to the Social Development Program unit at CDR.

3- Youth groups: Work in this area included the establishment of youth clubs and implementation of related activities

Program Achievements in 2005.

1- Municipalities

- Conducting training courses in cooperation with local development committees for crystallizing local development plans. Ten municipalities have completed their work plan projects and they are currently formulating these into one integrated plan.

- Implementing a number of development projects financed under the program budget (construction of two irrigation channels, a basketball field, a bulldozer for Harar, an information technology center in Fnaidiq, solid waste sorting facility at Ain Yaacoub).

- Implementing two projects, in cooperation with the Information Technology Dissemination Program, for establishing information technology centers in Hweish and al-Oyoun villages.

- Implementing several projects, in cooperation with the Lebanese Canadian Bank. (Potable water supply to Qrayyat village and a basketball field in Safina village).
- Establishment of a website for Harar and Kharbet Shar municipalities.

- Training on rapid search in partnership with Fnaidiq municipality and conducting the village survey.

- Development of Majdal irrigation scheme in cooperation with the National Project for Combating Desertification and securing funding for it from the Japanese Embassy.

2- Youth:

- Training, organizing discussion meetings, activities and camp erection.

3- Cooperatives:

- Meetings with farmers in Al-Juma region.
- Implementing an agricultural extension program in Al-Juma region (19 villages) by establishing temperature and humidity monitoring stations and installing insect catching equipment, in

cooperation with the United Cooperative Society and Safadi Foundation.

Program Achievements in 2006

1. Municipalities

Within the framework of enabling municipalities to implement local development projects, workshops were organized for generating local development plans. Within the framework of specifying problems that limit development activities, members of the local community participated and a number of workshops were organized.

Follow-up with local committees

1) Follow-up with local development committees of the work on generation of local development plans.

Generation of development project documents

As a result of following-up on workshops organized during 2006, local development committees were able to generate local development plans for 17 townships and formulate 70 project documents. They are currently completing the remaining projects.

Publication of the socio-economic and geographic survey findings for Al-Jouma region

This was announced at the UN House in Beirut in the presence of the Minister of Administrative Development, deputies of Akkar region, mayors and representatives of local community associations working in the development field.

In addition, the findings were announced at the local level at Issam Fares Hall in Rahbe town, attended

by Akkar mayors, in addition to community and cooperative associations.

Parliamentary seminar on development in Akkar

A seminar on development in Akkar was held at the parliament on June 14, 2006 attended by Akkar MPs. Representatives of concerned administrations in various ministries and public institutions participated in addition to the representatives of local community associations and NGOs, international organizations, mayors of certain municipalities and heads of municipality unions.

2. Cooperatives and Associations

1) Continuing the agricultural extension program implemented by the Safadi Foundation and the United Cooperative Society in al-Juma, whereby 26 extension seminars, both theoretical and practical, were organized in old Akkar, Bazbina and Rahbe towns throughout the agricultural production cycle.

2) Training of recently founded cooperative associations on local development methodologies, cooperative management and financial management of cooperatives.

3) Holding a training course for local community associations on local development methodologies, strategic planning, and the management of associations. The course was held in coordination with the Development Services Center (DSC) in Halba, attached to MOSA.

3. Youth Groups

- Formation of youth groups and implementing various activities in the villages.

Training workshops

- Holding strategic planning workshops for youth groups in Dora, Ain Yaacub and Al-Hweish.
- Establishing a local task force to participate in drawing up implementing work plans.
- Organizing workshops for the preparation of activists from various villages which include youth groups.
- Implementing the activities of the first youth gathering in Akkar under the following themes: Citizenship, sectarianism, corruption, and the role of youth in change.

The Second Youth Camp

The program was unable to organize the second youth camp due to the Israeli aggression on Lebanon in July 2006, although all preparations had been completed for its implementation.

Expected achievements of the program

- 1) Create a new mechanism for municipal work within the local community, based on common discussions and participation in decision-making.
- 2) Enable local development committees within the municipal councils to crystallize and propose local development plans for submission to municipal councils.
- 3) Enable municipalities to draw up local development work plans proposed on the basis of local community needs.
- 4) Networking between municipal councils and donors.
- 5) Creation of a mechanism of participation within local communities and eventually establishing the principle of partnership.

- 6) Enable youth groups in villages to play their role in the process of local development and disseminating the values of citizenship and democracy among them

CDR, in cooperation with UNDP, is implementing this program which aims to support sustainable mechanisms for balanced and equitable development in the Akkar region. The program contributes to strengthening local capacities and unifying local partnerships between government bodies and civil society organizations. On another note, the project stimulates, through participatory efforts, the creation of economic opportunities and improves access to basic social services that aim to reduce poverty in Akkar.

Community Development Project (CDP): This project translates the government's commitment to achieve equitable and balanced development strategies in all regions. CDR and the World Bank jointly launched this project in January 2003.

The aim of the CDP is to establish an effective and sustainable means to improve living standards and economic conditions of disadvantaged communities. This would be realized through: (a) improving access to basic social and economic infrastructure by funding small-scale community-based projects that satisfy local needs; (b) improving the economic conditions of poor families by augmenting local incomes and productivity, and reducing vulnerability through the development of basic skills, training

and capacity building to supplement micro-credit initiatives; (c) planning social programs that aim to satisfy the needs of particularly vulnerable groups, especially women, children and the disabled; (d) documenting acquired experience of this project and learning from its lessons to develop, in consultation with the concerned ministries, the needed interventions to reduce social and regional disparities from a human development perspective.

The project cost is estimated at US\$ 30 million. The Lebanese government is contributing US\$ 5 million, local communities contribute US\$ 5 million in kind and a loan of US\$ 20 million is granted by the World Bank.

CDP will be implemented over five years. It consists of three components:

- Social growth and infrastructure development.
- Augmenting incomes (capacity building).
- Project management support.

These components will be realized through two groups of programs. The first involves integrated local community development in targeted geographical areas, while the second covers programs that target sectors at the national level. CDR will implement three projects in the sectors of the disabled, youth and gender for a total of about US \$ 2.5 million.

CDP shall be implemented through a number of carefully selected NGOs or partnership agreements among a number of them. CDP will plan and execute these programs either at the

national level or within one specified "poverty area".

1. Small scale projects of a short duration: CDR launched an initiative to invite community associations to submit funding applications for small proposed projects, under easy terms and conditions, provided that CDR's contribution does not exceed US \$ 30,000 and the project is completed within six months. These proposals cover any sector that can impact living standards positively. The contribution in kind of the beneficiaries is expected to be at least 20% of the total project cost. CDR toured all Lebanese regions for inviting NGOs and associations to submit project proposals. About 450 NGOs and associations responded. CDR signed 106 contracts covering projects for a total amount of US\$ 2,036,775, of which 51 have been completed while work continues to complete the remaining projects. These cover a number of sectors including health, agriculture, education, training and the development of skills.

2. Regional projects: CDR engaged a main consultant to supervise the sectorial social survey conducted by a number of field consultants in the ten regions covered by the project. The duties of the consultant are summarized as follows:

- 1- Designate the geographical locations of poverty clusters ("poverty clusters" are composed of a group of villages or residential areas occupied by about 15000 inhabitants in an interconnected geographic zone that share the same social characteristics and features).
- 2- Perform a quick survey of these clusters to define the development

priorities of each one, in partnership with influential parties and associations working within them.

Based on the results of this social survey, CDR invited qualified NGOs to submit proposals for implementing development projects in ten areas of rural poverty (Baalbeck/Hermel- Rashaya/Hasbaya- Akkar - Tripoli - Minyeh/Danniyeh/ Zgharta - Batroun/Jbeil/Becharre - Greater Beirut region - Sour/Bint Jbeil/ Marjeyoun and Nabatieh - Saida and Jezzine - Chouf/Aley). CDR issued two invitations to tender which resulted in signing contracts with 121 associations and groups of associations for implement works in these geographical areas for about US\$ 12 million.

3. Quick rehabilitation initiatives: In order to respond to the devastating results of the Israeli aggression in July 2006, CDR launched a number of quick rehabilitation initiatives. It called upon local community associations to participate in the formulation and planning of projects in Nabatiyeh, Marjeyoun, Bint Jbeil and Sour cazas, in addition to some villages in Baalbek and Hermel that were affected by the aggression. The cost of any project does not exceed U.S. \$ 50000 and the period of its completion should not exceed 5 months. These projects aim to stimulate socio-economic activity that helps the population deal with the crisis situation. In this context, CDR announced the details of these projects and invited the qualified associations to submit their proposals. As a result, 72 contracts were signed with local community associations for a total of US\$ 3.5

million to implement projects in 55 villages covering 12 different sectors.

In addition, CDR commissioned the consultant ECE/PADECO to conduct the National Survey of NGOs. The consultant adopted initially the study performed by MOSA in cooperation with ESCWA.

Economic and Social Fund for Development (ESFD): The fund was founded as an autonomous unit attached to CDR through a funding agreement between the Lebanese Government and the EU in 2000. But in fact it started its work in 2004.

1. Objective of the fund:

Combating poverty in Lebanon.

Initial cost of the project: 31 million euro (25 million euro as a donation by the EU and 6 million from the Lebanese Government).

2. Components of the fund:

1. Job creation component
2. Local development

3. Achievements of the fund up to 31 December 2006

a. Job creation component.

- Since 2004 the fund has granted soft loans to small and medium size enterprises (SME) through three commercial banks. The program helped establish or develop more than 1661 projects and created 1397 new job opportunities. The fund at present creates 80 new job opportunities monthly.

- The fund has provided development services for about 700 projects out of a total of 1661 projects.

b. Local development component

The local community development component of the ESFD aims to initiate a participatory local development process of the poorest regions in Lebanon through granting donations to local community associations represented by the municipalities or, where no municipality exists, by the Mukhtar, to implement development projects. This is in addition to providing technical assistance to these local entities that enables them to prepare and implement projects and to ensure their sustainability.

The fund operates at present in 39 towns or city areas, and thereby contributes to the improvement of living standards of about 145000 individuals residing in these localities.

To date, the planning process of integrated local development has been completed in 20 beneficiary regions that comprise 39 towns. This work included the preparation of statistical data on these towns together with medium-term local development plans. Grant agreements for 1.8 million euro were signed with 6 beneficiaries (11 townships) on the basis of which 12 development projects were implemented. The fund is expected to sign 14 grant contracts with other municipalities in April 2007 for 4.4 million euros to implement 42 development projects.

It should be noted that the fund prepared the National Social Development Strategy of Lebanon in 2004. This strategy has contributed to defining the concept of social development and determining the state of this sector in Lebanon. It also

helped to determine the poverty areas of Lebanon.

4. Work plan of the fund for 2007:

- The fund will provide 4.4 million euros as financial support to small and medium scale enterprises and

will create 1,100 new job opportunities.

- The fund will initiate the implementation of development projects in 29 townships where all the planning phases are ready for execution. Also, it will continue to support the remaining ten townships

in which development projects are being implemented at present.

- The fund will review and update the social development strategy of Lebanon in the light of recent developments, including the Israeli aggression, political tensions and the Paris III Conference.

Social & Economic Development Sector overview

Contracts awarded from January 1992 to December 2006								
		Total		completed		in progress		
		*No	Amount	*No	Amount	*No	Amount	prog
Technical assistance		278	29.0	79	4.7	199	24.2	30%
Institutional development								
Assistance to social institutions	c	4	3.3	3	0.9	1	2.3	90%
Technical assistance to the Ministry of Social Affairs	c	7	4.8	3	2.0	4	2.9	39%
Technical Assistance to National organizations	c	2	3.0			2	3.0	10%
	c	8	2.0	2	0.3	6	1.8	47%
Community Development Project	c	28	1.5	14	0.4	14	1.1	77%
	w	227	13.9	56	1.1	171	12.7	17%
Rural Development	c	2	0.5	1		1	0.5	20%
Capital investment		64	33.3	31	17.4	33	16.0	36%
Rehab. of social affairs/training centres								
Rehabilitation of Beirut training centre	w	1	0.3	1	0.3			
Rehabilitation of 20 social centers	w	12	1.3	12	1.3			
Construct/equip social development centres								
Construction and equipment of 75 social development cent	c	1		1				
	w	1		1				
Social Emergency Operations	c	1	0.2			1	0.2	70%
Poverty Alleviation	c	3	4.6	1	0.6	2	4.1	60%
Assist. to instit.for disabled/disadvantaged								
Programme for disabled and marginalized individuals.	c	6	4.8	3	3.4	3	1.4	41%
Integrated rural development								
Baalbeck Hermel Integrated rural development	c	4	11.3	4	11.3			
Development project								
Economic and Social Fund for Development	c	32	10.7	6	0.4	26	10.4	25%
	w	3	0.1	2	0.1	1		50%
Sector Totals		342	62.3	110	22.1	232	40.2	33%

Social & Economic Development contracts awarded in 2006

		Contract amount (in USD)	External funding	Start Date
Technical assistance		13,186,063		
Institutional development				
Community development				
Rehabilitation and Equipping the Disabled Center	w	25,000	IBRD	Jan/2006
Rehabilitation of football playground and basketball court	w	23,360	IBRD	Jan/2006
Rehabilitation of club's courts	w	29,836	IBRD	Apr/2006
Completing of the club's court	w	30,000	IBRD	Mar/2006
Completing of the club's court	w	25,000	IBRD	Apr/2006
Equipping the health center	w	29,600	IBRD	Jan/2006
Equipping a specialized dental clinic	w	22,960	IBRD	Jan/2006
Completing of the Coop center	w	30,000	IBRD	Apr/2006
Purchase of the Tractor and accessories	w	20,960	IBRD	Jan/2006
Purchase equipments for the honey factory	w	30,000	IBRD	Apr/2006
Finishing the construction of the vocational center	w	30,000	IBRD	Apr/2006
Developping the public library	w	13,307	IBRD	Apr/2006
Establishing a PC training center	w	14,644	IBRD	Apr/2006
Purchase of an agricultural tractor	w	8,800	IBRD	Apr/2006
Purchase of a generator for an agro industrial center	w	7,380	IBRD	Apr/2006
Rehabilitation of the club and purchase of equipments	w	23,137	IBRD	Apr/2006
Cultivation of essentials and medicinal plants	w	30,000	IBRD	Apr/2006
Rehabilitation of the CBO dispensary and purchase of equipments	w	16,186	IBRD	Apr/2006
Accomplishing the construction of the building club	w	28,895	IBRD	Apr/2006
Rehabilitation of the youth center and purchase of equipments	w	22,165	IBRD	Apr/2006
Purchase of agricultural tractors and machines	w	21,537	IBRD	Apr/2006
Establishing a cultural , environmental and awareness center	w	29,170	IBRD	Apr/2006
Construction of bleachers and restrooms for the playground	w	30,000	IBRD	Apr/2006
Accomplishing the building of the Club House	w	19,326	IBRD	Apr/2006
Rural development for the villages in the southern sector of the reserve	w	24,793	IBRD	Apr/2006
Construction of a playground	w	30,000	IBRD	Apr/2006
Construction of a retaining wall	w	30,000	IBRD	Apr/2006
Construction of a playground	w	30,000	IBRD	Apr/2006
Purchase equipments for the club library	w	23,993	IBRD	Apr/2006
Establishing a public library	w	30,000	IBRD	Apr/2006
Purchase equipments for the dispensary for the elderly	w	28,000	IBRD	Apr/2006
Training and developing the handicraft and artisan capacities	w	26,820	IBRD	Apr/2006
Purchasing of agricultural equipment	w	25,000	IBRD	May/2006
Establishing a sewing factory for the ex-detainees girls	w	19,953	IBRD	Apr/2006
Establishing a public library	w	29,429	IBRD	Apr/2006
Establishing a dispensary	w	26,144	IBRD	Apr/2006
Rehabilitation and equipping of the training center	w	23,881	IBRD	Apr/2006
Rehabilitation and equipping of the CBO center	w	26,893		Apr/2006
Purchase of equipments for the vocational training	w	15,457	IBRD	Apr/2006

Social & Economic Development contracts awarded in 2006 (cont'd)

		Contract amount (in USD)	External funding	Start Date
Illiteracy and awareness program	w	22,679	IBRD	Apr/2006
Rehabilitation and Restoration of the CBO Hospital	w	22,860	IBRD	Apr/2006
Rehabilitation of the CBO school	w	21,292	IBRD	Apr/2006
Rehabilitation and equipping of the nursery school	w	9,847	IBRD	Apr/2006
Purchase of equipment for the CBO vocational center	w	8,084	IBRD	Apr/2006
Technical and Economical Empowerment of Female Tobacco Farmers	w	98,400	IBRD	Jun/2006
Center for the Dev of Fruit Trees in Markaba & Surrounding Villages	w	100,000	IBRD	Jun/2006
Develop the capacities of elem classes to prevent the prob of sch drop outs	w	99,888	IBRD	Jun/2006
Health and Appropriate Animal Feeding	w	97,398	IBRD	Jun/2006
Develop the Sector of Animal Production and Milk Packaging	w	100,798	IBRD	Jun/2006
Support of local community for the dev of sustainable forestry in jord Aley	w	100,000	IBRD	Jun/2006
Artisanal Center for Sea Fishing	w	98,900	IBRD	Jun/2006
Development of new Life Styles in Rural Areas	w	101,000	IBRD	Jun/2006
Marketing of Cherries in Aarsal	w	99,500	IBRD	Jun/2006
Tapisery Handcraft	w	98,021	IBRD	Jun/2006
Strengthening of Touristic and Artisanal Capacities in Old Sidon	w	99,999	IBRD	Jun/2006
Development of Artisanal Capacities of Women groups with Special Needs	w	98,728	IBRD	Jun/2006
Rational use of natural resources upper Chouf area	w	100,000	IBRD	Jun/2006
Vocational Training	w	100,000	IBRD	Jun/2006
Special Center for Guidance and Social and educational Counseling	w	94,800	IBRD	Jun/2006
Vocational Training (Cooking)	w	80,605	IBRD	Jun/2006
Purchase of Agricultural Equipments + Add no.1	w	98,100	IBRD	Jun/2006
Service Center for Beekeepers	w	100,000	IBRD	Jun/2006
Laying Hens Production	w	99,093	IBRD	Jun/2006
Home Care Services for Disabled and Children	w	72,452	IBRD	Jun/2006
Prevention and Capacity Building	w	95,000	IBRD	Jun/2006
School Training on Social Inclusion and Prevention of School Drop Outs	w	100,000	IBRD	Jun/2006
Improve the env status through the treatment of SW & raising awar in Mina	w	76,410	IBRD	Jun/2006
Increase the Performance and Productivity of Micro Farming	w	100,000	IBRD	Jun/2006
Strengthening Social Development in Wadi Khaled	w	100,775	IBRD	Jun/2006
Establishment of a new center in Bab El Tabaneh	w	99,706	IBRD	Jun/2006
Agricultural development in upper Chouf area	w	99,186	IBRD	Jun/2006
Provision of medical equipment for a cardiac clinic / Aarsal	w	101,000	IBRD	Jun/2006
Establish Educational Libraries in Public Schools / Akkar	w	90,200	IBRD	Jun/2006
Upgrade the Olive Mill in Ramliyah	w	35,400	IBRD	Jun/2006
Development of Youth capacities in Information Technology	w	100,000	IBRD	Aug/2006
Social and Cultural center in Daraya	w	100,000	IBRD	Aug/2006
Development of Agricultural sector in the region of Aley	w	98,355	IBRD	Jul/2006
Social Development in some villages in Manassef / Chouf	w	97,741	IBRD	Aug/2006
Thyme drying and Packaging center	w	99,445	IBRD	Jul/2006
Model Project to Beekeeping and Production of Medical Plants	w	100,000	IBRD	Oct/2006

Social & Economic Development contracts awarded in 2006 (cont'd)

		Contract amount (in USD)	External funding	Start Date
Reh of Social and Productive Infrastructure in some Villages in Aley	w	99,000	IBRD	Jul/2006
Rehabilitation of Chards of Fruit Trees and Olives in some villages in Aley	w	99,342	IBRD	Jul/2006
Support the Return of Displaced Families (Health and Education)	w	99,609	IBRD	Jul/2006
Iman Center and Library for Vocational Training	w	85,830	IBRD	Jul/2006
Establish Health Center in Btermaz	w	100,729	IBRD	Jul/2006
Support Basic Infrastructure (Waste Water)	w	100,000	IBRD	Jul/2006
Development of Agricultural Sector (Agricultural Roads)	w	95,868	IBRD	Jul/2006
Establish a Social Training Center in Ardeh	w	101,000	IBRD	Oct/2006
Rehabilitate Basic Infrastructure and Provide Potable Water	w	101,000	IBRD	Jul/2006
Improve Educational Services in Bouday and Flawy	w	99,840	IBRD	Jul/2006
Improve Educational Services in Chaath , Nabha and El-Ram	w	99,750	IBRD	Jul/2006
Develop the Capacities of Beekeepers in the Area of Nahle and Younine	w	91,820	IBRD	Jul/2006
Improve the capacities & productivity of Cow Raising Micro-Farms in Chaath	w	99,697	IBRD	Jul/2006
The Women Center for Food Processing in the Village of El-Kasr	w	96,315	IBRD	Jul/2006
Develop the Capacities of the Cooperative Coteaux d'Heliopolis	w	99,457	IBRD	Oct/2006
Establish a center for sustainable HR Dev in Nabi Rachda, Hadath & Taraya	w	94,830	IBRD	Jul/2006
Development of River Fishing Sector in Hermel	w	99,862	IBRD	Jul/2006
Strengthening of Health Center in Bouday	w	99,933	IBRD	Jul/2006
Equip a Mobile Health Center	w	90,324	IBRD	Jul/2006
Rehabilitation of Younine Health Center	w	100,798	IBRD	Jul/2006
Upgrade the Educational Level in a number of schools in Baalbeck	w	99,300	IBRD	Jul/2006
Establish a Food Processing Workshop in Chmestar	w	94,704	IBRD	Jul/2006
Establish a Modern Collective Kitchen in Aaynata	w	99,035	IBRD	Jul/2006
Establish a Center for Economic Motivation	w	52,985	IBRD	Aug/2006
Rehabilitate a Permanent Training Center in Hay El Sellom	w	80,058	IBRD	Jul/2006
Equipment for the Immagery Department	w	101,000	IBRD	Aug/2006
Develop the Capacities of Residents in the Region of Sabra	w		IBRD	Aug/2006
Establish a Cultural Center for Youth in the Area of Horsh El Katil	w	99,665	IBRD	Oct/2006
Vocational Training	w	82,842	IBRD	Jul/2006
Vocational Training	w	88,450	IBRD	Jul/2006
Establish a Youth Center for Development and Recreation	w	99,835	IBRD	Jul/2006
Strengthening of Sports, Educational and Recreational Activities	w	99,930	IBRD	Jul/2006
Beekeeping	w	98,172	IBRD	Jul/2006
Center for Vocational and Health Training	w	100,000	IBRD	Jul/2006
Support Touristic Development in Kartaba and the Surroundings	w	99,900	IBRD	Jul/2006
Improve the Production and Packaging of Fresh Milk	w	99,156	IBRD	Aug/2006
Reh the Farmers Market in Jbeil and Improve the Capacities of Farmers	w	99,987	IBRD	Jul/2006
Batroun Transport	w	96,500	IBRD	Jul/2006
Revitalise the Sector of apple Prod in Yanouh, El Mgheireh, Aakoura & Kartaba	w	100,628	IBRD	Jul/2006
Towards improving & imp a plan for rural env tourism in central Batroun	w	95,450	IBRD	Jul/2006
Agricultural Road	w	99,495	IBRD	Jul/2006

Social & Economic Development contracts awarded in 2006 (cont'd)

		Contract amount (in USD)	External funding	Start Date
Beekeeping + Add no.1	w	55,990	IBRD	Jul/2006
Support Local Comm for Land Preservation & Reforestration in Wadi El Taim	w	94,930	IBRD	Jul/2006
Establishing A Thyme Nursery	w	99,850	IBRD	Jul/2006
Establishing of a Storage Facility for Agricultural Products	w	99,500	IBRD	Jul/2006
Water Resource Management in Tanoura	w	86,900	IBRD	Jul/2006
Support Local Community in Agr Dev Rural Production in Aaiha - Kafarkouk	w	98,750	IBRD	Jul/2006
Center Agricultural Manufacture in El Akaba	w	97,491	IBRD	Jul/2006
Rehabilitation of the Village Pond	w	91,746	IBRD	Aug/2006
Specialised Social and Health Center	w	95,900	IBRD	Jul/2006
Establishing of a Technology Center for Agriculture Development	w	99,985	IBRD	Jul/2006
Develop and Improve Medical and Herbal Plantations	w	97,192	IBRD	Jul/2006
Establishing a Mobile Market for Home Made Local Products	w	92,950	IBRD	Jul/2006
Olive Press + Add no.1	w	100,000	IBRD	Oct/2006
Improve the Production of Dairy Products	w	100,000	IBRD	Jul/2006
Construction of 2 Small Dams on Zahrani River	w	98,120	IBRD	Jul/2006
Agricultural Irrigation Network	w	99,600	IBRD	Jul/2006
Establishing a Re-Processing Plant for Olive Press Wastes	w	99,755	IBRD	Jul/2006
Rainwater Harvesting	w	95,890	IBRD	Jul/2006
Environmental Management of Household Solid Wastes	w	97,920	IBRD	Aug/2006
Vocational Training	w	99,584	IBRD	Jul/2006
Improve Environmental Status and Involve Women in Recycling	w	90,395	IBRD	Jul/2006
Establishing a Watch Center for the Dev & Preservation of Forests in Rihan	w	98,390	IBRD	Jul/2006
Develop the Plantation of Oyster Mushroom	w	90,950	IBRD	Jul/2006
Establishing of a Center for Local Processed Products	w	99,415	IBRD	Jul/2006
Improve Economic Capacity of Women	w	86,234	IBRD	Jul/2006
Improve the Production of Olive and Olive Oil	w	100,000	IBRD	Oct/2006
Establishing of Sewer Network in Taamir	w	93,550	IBRD	Jul/2006
Rehabilitation of Rihan Grotto and Develop Local Tourism	w	100,000	IBRD	Jul/2006
Establishing of an Agricultural Center for Olive Trees	w	97,997	IBRD	Jul/2006
Vocational Training in Taamir	w	94,660	IBRD	Jul/2006
Establishing of a Public Fish Market	w	100,000	IBRD	Jul/2006
Establishing of a Youth Social Center	w	66,715	IBRD	Jul/2006
Establishing of an Educational Center in Mina	w	72,061	IBRD	Jul/2006
Rehabilitation and Equipping a Health Center	w	100,293	IBRD	Jul/2006
Rehabilitate a Public Garden	w	95,232	IBRD	Jul/2006
Establishing of a Training Covational Center for Tourism	w	99,620	IBRD	Jul/2006
Establishing of a Health and Social center in Nouri	w	99,253	IBRD	Aug/2006
Construction of Drainages for Rain and Irrigation Water	w	92,616	IBRD	Jul/2006
Establishing of a Vocational Training Center	w	97,422	IBRD	Jul/2006
Rehabilitate the Health Center in Qwachra	w	99,143	IBRD	Jul/2006
Provide Cultural and Educ Equip for Pub Schools in the Poverty Clusters	w	100,000	IBRD	Jul/2006

Social & Economic Development contracts awarded in 2006 (cont'd)

		Contract amount (in USD)	External funding	Start Date
Provide Cultural and Educ Equip for Pub Schools in the Poverty Clusters	w	88,054	IBRD	Jul/2006
Construction of Water Tanks for Irrigation	w	96,673	IBRD	Jul/2006
The Center of the Capital for Information Technology	w	95,223	IBRD	Jul/2006
Improve the Living of Children suffering from Autism	w	28,427	IBRD	Nov/2006
Training of Peer education on STDs	w	28,447	IBRD	Nov/2006
Awareness on Public Safety among School Children	w	29,876	IBRD	Nov/2006
Establish handcraft houseshops for children with special needs in Jbeil	w	11,236	IBRD	Nov/2006
Establish a Nursery for Children with Special Needs	w	29,026	IBRD	Nov/2006
Women Training Center	w	25,820	IBRD	Nov/2006
Training center for the early detection & int for people with special needs	w	27,927	IBRD	Nov/2006
Vocational Training for School Drop Outs	w	29,988	IBRD	Nov/2006
Est & Manage an observatory for human rights of people with special needs	w	25,980	IBRD	Nov/2006
Improve the living conditions of physically Disabled	w	28,899	IBRD	Nov/2006
An inc generating prj to train & employ disabled ind in Bal el Tebaneh	w	28,599	IBRD	Nov/2006
Upgrade the skills of youth in the fields of health, citizenship & IT	w	25,878	IBRD	Nov/2006
Establish an agricultural laboratory for water and soil analysis	w	30,000	IBRD	Nov/2006
Equip a youth Camp	w	21,926	IBRD	Nov/2006
Equip a cooking school for victims of household violence	w	22,511	IBRD	Nov/2006
Equip a pastry factory in the center of the association	w	29,898	IBRD	Nov/2006
Vocational Training	w	23,000	IBRD	Nov/2006
Provision of equipment	w	23,884	IBRD	Nov/2006
Completing the Youth Center in Rashaya	w	21,000		Dec/2006
Consulting Services for the CDP - PMT Field Coordinator + Add no.1&2	c	46,000	IBRD	Jan/2006
Consulting Services for the CDP - PMT Field Coordinator + Add no.1&2	c	46,000	IBRD	Jan/2006
Consulting Services for the CDP - PMT Field Coordinator + Add no.1&2	c	46,000	IBRD	Jan/2006
Consulting Services for the CDP - PMT Field Coordinator + Add no.1&2	c	45,000	IBRD	Jan/2006
Consulting Services for the CDP - Procurement Officer + Add no.1	c	20,800	IBRD	Mar/2006
Consulting Services for the CDP - Procurement Officer + Add no.1&2&3	c	54,600	IBRD	May/2006
Capital investment		799,028		
Assist. to instit.for disabled/disadvantaged				
Programme for the disabled/disadvantaged				
Project Intermediaries for National Thematic Program for gender - Phase 1	c	40,642	IBRD	Feb/2006
Project Intermediaries for National Thematic Program for gender - Phase 2	c	679,185	IBRD	Aug/2006
Development project				
Economic and Social Fund for Development				
Rent a car to ESFD	w	5,500		Nov/2006
ESFD Project - Junior Accountant / Bookkeeper	c	12,100		Nov/2006
ESFD Project - Job Creation Officer	c	28,600		Nov/2006
ESFD Project - Communication and Public Relations Officer	c	26,400		Nov/2006
ESFD Project - Driver	c	6,600		Nov/2006
Sector Totals		13,985,091		

Social & economic development Contracts in preparation

	Progress Status		Estimated Amount	Funding Source	Indicative start date
Technical Assistance					
Administrative development and rehabilitation					
Enhancing National Capacity Building and Partnership for Human Development	Design Phase	c	417,710	UN	Jan/2007
Compiling a bibliographical database disaggregated by gender	Design Phase	c	300,000	UN	Jan/2007
Transfer of knowledge through Expatriate Nationals (TOKTEN)	Design Phase	c	155,000		Jul/2007
Capital Investment					
Social and community development					
Economic & Social Fund Development (ESFD)					
ESFD		w	4,289,013	Local	Nov/2006
Community Development Project (CDP)					
Contingencies		w	5,388,588	IBRD	Oct/2006
Small Fast Projects (package 6th)	Design Phase	w	619,317	IBRD	Oct/2006
Socio - Economic Development					
North and South Lebanon (National Program for Poverty Alleviation).)	Project identification	w	600,000	UN	Jan/2007
ART GOLD LEBANON	Design Phase	w	8,292,383	ITALY	Sep/2006
Administrative development and rehabilitation					
	Design Phase	w	10,000,000	IRAN	Dec/2008
Sector Totals			30,062,011		

Land Use and Environment

This sector comprises three components:

- 1- Land use planning and urban development.
- 2- Environment and tourism projects
- 3- Urban and economic development

1- Land Use Planning and Urban Development

Achievements to date

Comprehensive land use plan: This comprehensive land use plan constitutes the general framework for preparation of the land use policy and for providing the basic requirements of all the regions of Lebanon over the long term. Eventually, it shall form the basic reference for local urban planning regulations, as well as for programming of sectorial investments.

Following the Council of Ministers'

approval to commission CDR with the preparation of the relevant study, in collaboration with the Directorate General of Urban Planning, CDR launched the related international invitation to tender.

The contract was awarded to Dar al Handassah (Sha'ir and Partners) and the Institute of Regional Planning of Ile de France (IAURIF) joint venture. Work started during 2002 and the final document was completed in May 2004. It should be noted that this study is comprised of three phases:

Phase 1: Diagnosis and analysis of the actual land situation, characteristics and obstacles, in addition to preparation of maps identifying land use, infrastructure networks and zoning of various activities and residential areas etc. Phase 1 also includes highlighting future challenges and basic



Rehabilitation of roads and infrastructure and renovation of archeological sites in Tyre.

available options.

Phase 2: Preparation of the strategy and first draft of the comprehensive land use plan and discussing it with the parties concerned.

Phase 3: Preparation of the final plan including its implementation schedule in the short, medium and long terms, in addition to final drawings and data.

Within the framework of this project, a geographical data base for a Geographic Information System (GIS) was prepared. This formed the basis needed for completing the work. It is expected that the plan will be updated periodically and revised every four or five years. An Atlas of Lebanon has also been prepared. CDR is coordinating with the National Council for Scientific Research for the latter to assume the printing, publishing and marketing of the "Atlas of Lebanon".

Following approval of the Higher Council for Urban Planning and CDR of this plan, it was referred to the general secretariat of the Council of Ministers in September 2005, accompanied by a draft decree for review by the Council of Ministers.

During the waiting period for the Council of Ministers' approval of the draft decree, CDR proceeded to perform some activities that aim to disseminate this plan and put some of its recommendations under execution.

Within this framework, coordination was secured with the IPP MSC-CDR work unit, financed from the EU

grant, to perform the following activities:

1 - A series of workshops were conducted in all the regions of Lebanon. A large number of public administrations, central and regional establishments, in addition to universities, NGOs, the Syndicate of Engineers and international financing institutions participated in these workshops. As a result, CDR issued a report in which it summarized the comments recorded during these workshops.

2 - During November 2005, a juristic colloquium was held to discuss regulations relevant to the coastal regions, mountain summits and natural reserve areas. The aim was to prepare draft laws for implementing some of the recommendations included in the Comprehensive Land Use Plan. As a result of this colloquium, some recommendations were made which CDR shall take into consideration in preparing the draft laws.

3 - TV spots covering land use planning in Lebanon were produced and broadcasted on TeleLiban.

4 - The plan report was translated from French to Arabic and English and 500 copies were printed for distribution.

5 - A report was prepared to define the framework of action that may be adopted to implement the recommendations of the Comprehensive Land Use Plan of Lebanon.

Projects under execution

CDR is continuing to work during the year 2007 to disseminate the Comprehensive Land Use Plan through organizing additional

workshops aimed to reach the greatest number of elements society, through the media and CDR's internet site, as well as through distribution of the report to the greatest number of interested parties.

CDR is also keeping abreast of projects related to land use projects. It has been commissioned by the Council of Ministers to secure funding for preparation of the master plan for the Lebanese coast. For this purpose, CDR is coordinating the process of collection of data and other studies available at several public administrations to include them in the terms of reference for this study. CDR is also in the process of communicating with many international funding agencies to offer financial support for this study. This study is expected to start in the mid of the year 2007.

Projects under preparation

One of the most important projects within the framework of land use planning which CDR might launch is the preparation of a master plan for the Lebanese coast. This will be done following the establishment of terms of reference and in coordination with the Ministry of Public Works and Transport.

In addition, CDR will continue its work on the preparation of the draft laws covering the coast, mountain summits and protected areas, in accordance with the recommendations of the colloquium organized during November 2005; and in coordination with the ministries of the Environment and Agriculture



Rehabilitation of Archeological sites in Tyre.



Rehabilitation façades in Tripoli.

and the Directorate General of Urban planning.

2 - Environmental and Tourism Projects

Achievements to date

Environmental Master Plan for the Litani River and Qaraoun Lake:

This project was funded by a grant from Swedish Agency for International Development.

Capacity building, the ozone layer, biodiversity and climate change:

Several projects have been completed covering the issues of capacity building (Capacity 21, phases 1 and 2), the ozone layer (The Ozone Office, phase 1) and biodiversity (The National Strategy for Biodiversity), the work plan and capacity building for change, under the direct management of the Ministry of Environment. The total costs of these projects amounted to about US \$ 2,1 million financed by the United Nations Development Program (UNDP), the Global Environmental Facility (GEF) and the Lebanese Government.

Execution of two projects managed by the Ministry of Environment

(MoE) and funded by the EU: The first involved the establishment of the facility for “Local Administration of Urban Environment for Developed Countries” (SPAZI) (promoting the permit and control system for industries) at a cost of US \$ 365,000. The second covered establishment of the Lebanese Environment and Development Observatory (LEDO) at a cost of US \$ 371,000.

Execution of part of the Methyl Bromide Alternatives project: Managed by MoE and funded by UNDP, the Montreal Protocol Unit - the Multilateral Fund (UNDP /MPU-MLF) (US \$ 328,000). This is a multifunctional project that includes a trade and environment project which is managed by MoE and funded by UNDP/UNCTAD (US \$ 40,000). The project for conservation of agricultural diversity: Managed by the Agricultural Research Institute (Ministry of Agriculture) and financed by GEF (US \$ 1.5 million). Protected areas: Financed by GEF and managed by MoE at a cost of US \$ 2.5 million.

Capacity building/Institutional strengthening/ Planning: To Strengthen the Permanent Environmental Information Unit at MoE, funded by EU Local Initiative for the Urban Environment Facility (US \$ 235,000). The Investment Planning Program (IPP) (Environment): Funded by the EU, this program contributed, through the consultancy unit at MoE, to planning, preparation and follow of projects in several domains (US \$ 1.7 million). Support for promulgating and Implementing of Environmental Laws in Lebanon: Financed by the EU, at a cost of about US \$ 700,000.

Energy Efficient Building Program: Managed by the Directorate General of Urban Planning and financed by GEF (US \$ 494,000). The Energy Center: Managed by the Ministry of Energy and Water and financed by GEF (US \$ 3.9 million). Preparation of a national framework for biosafety: Financed by GEF and managed by UNDP (US \$ 160,000).

Comprehensive Tourism and Development Plan for Zahle,

Baalbeck and Bcharri: CDR, in cooperation with the Ministry of Tourism, prepared a comprehensive tourism and development plan for Zahle, Baalbeck, Bcharri and the Cedars region, financed by Japan (JICA). The preparation of this study started in April 2003 and ended in March 2004. The cost was about US \$ 1.5 million. The main objective is to determine the basic needs for the development of tourism and eco-tourism and to provide economic feasibility studies for pilot projects, to be implemented at a later date for the development of mountainous and rural regions. CDR, in cooperation with Ministry of Tourism, is currently preparing the execution program and is seeking donors to finance this phase.

Progress of work in current projects

Work is progressing in the following projects which cover a variety of thematic areas, including the conservation of animal, plant and cultural wealth, climate change, reducing air pollution, protection from toxic materials, enactment of laws, institutional capacities technology and general environmental issues (total cost US \$ 15 million).

Conservation of Animal, Plant and Cultural Wealth

1 - Preparation of an environmental master plan for the management of Sour Nature Reserve and Ammiq Wetlands: Funded by the French Fund for Global Environment (FFEM) (462,000 euro) and managed by MoE, plus a small grant from RAMSAR (US \$ 22,000) managed by MoE.

2 - Integrated Administration of Cedar Forests in Lebanon, in cooperation with other countries in the Mediterranean area. The project is funded by GEF (US \$ 1.2 million).

3 - Rehabilitation of quarry sites in Lebanon for MoE: Funded by EU-LIFE program and UNDP (US \$ 463,000).

Climate Change

The National Action Project to Combat Desertification: Implemented by the Ministry of Agriculture and funded by GEF (US \$ 280,000).

Reducing air pollution

1 - Institutional Support for the Ozone Office at MoE in Lebanon (Phase IV), funded by GEF (US \$ 155,000).

2 - The National Action Program for Disposal of Substances Depleting the Ozone Layer: Financed by the Multilateral Fund (MLF) of the Montreal Protocol/UNDP (US \$ 2 million).

3 - Methyl Bromide alternatives projects for the Industrial sector: Managed by MoE and funded by the United Nations Industrial Development Organization (UNIDO) (US \$ 1.6 million).

4 - Methyl Bromide Alternatives Projects for the Agricultural Sector: Managed by MoE and the Private sector, and funded by the Multilateral Fund (MLF) of the Montreal Protocol/UNDP (US\$ 3.6 million).

Protection from toxic materials

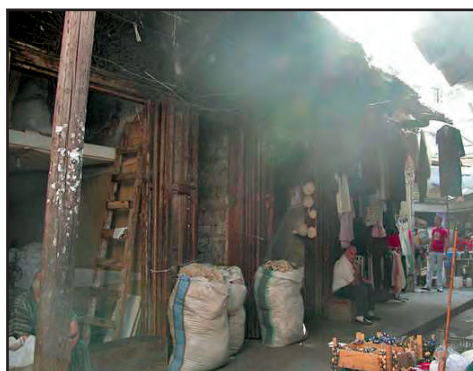
Permanent Organic Pollutants Program (POP): Funded by GEF (US \$ 433,000).

Enactment of laws and institutional capacities technology

Support of Environmental Planning and Management at the Local Level (TARGET): Managed by MoE and funded by the EU - LIFE project and UNDP (US \$ 630,000)

General Environmental Issues

1 - Management of Small Grant



Rehabilitation and upgrading of old souks in Tripoli.

Program: Funded by GEF and managed by UNDP. This project will finance a number of small - scale pilot projects run by NGOs, within the framework of nature conservation (US \$ 200,000).

2 - Self Assessment of Lebanon's National Capacities for global environment management, funded by GEF (US \$ 200,000).

3 - Strategic Environmental Assessment for Planning Land Use in Lebanon, funded by the EU-LIFE project/UNDP (US \$ 414,000).

Integrated Management of the Environment

Cleaner Production Program, funded by EU, the Austrian Embassy and UNIDO (US \$ 455,000).

Management of Solid and Liquid Waste

1 - Management of Solid Waste (METAP), funded by the EU (US \$ 180,000).

2 - Integrated Management of Olive Oil Extraction Waste in Lebanon, Syria and Jordan, financed by the EU-SMAP and UNIDO (2 million euro).

Projects under preparation

A number of contracts are in the course of preparation (total value of US \$ 7 million) in the following fields:

1 - Permanent Organic Pollutants (POP) generated by medical waste (US \$ 1 million).

2 - Support for the National Forestation Plan (US \$ 1 million).

3 - "Toward a Sustainable Energy

Production" program (US \$ 400,000).

4 - Classification and Licensing of Electrical Equipment and Machines (US \$ 1 million).

5 - Classification of buildings (US \$ 1 million)

6 - Migration Birds (US \$ 1 million).

7 - Conservation of Medicinal Herbs (US \$ 1.5 million).

8 - Securing Employment Opportunities for Rural Inhabitants (US \$ 200,000).

3 - Economic and Urban Development

Cultural Heritage Preservation and Urban Development:

CDR, in coordination with the Directorate General of Antiquities, the Ministry of Culture and the concerned municipalities, is currently implementing a project for the preservation of cultural heritage and urban development in five ancient cities: Tripoli, Jbeil, Saida, Sour and Baalbeck. The project aims to upgrade the historical infrastructure and archaeological sites of these cities, create appropriate conditions for local economic development and provide the required technical assistance for improving the organization, protection and management of cultural heritage.

The components of the project are:

- *Rehabilitation of Historical Sites and Infrastructure in the five cities:* This comprises rehabilitation of historical sites; creation of parks and green spaces; rehabilitation of

certain streets and pedestrian walkways; rehabilitation, protection and specifying the usage of certain historical buildings; support and encouragement of economic activities associated with tourism; assistance in the rehabilitation of certain old houses; organizing traffic in touristic areas and establishing car parks. In addition, certain streets shall be provided with potable water connections and the wastewater networks shall be rehabilitated.

- *Protection, maintenance and management of archaeological sites:* Development of archeological sites in Baalbeck, Saida and Sour including: Research and documentation, restoration and reinforcement of Bachus and Jupiter temples in Baalbeck, the terrestrial castle in Saida, management of archeological landmarks, protection and perpetration of sites for receiving visitors, such as establishment of visitor and information centers.

- *Technical assistance for institutions involved in implementing the project:* This includes all activities that may improve the performance of involved institutions and sustainability of the project. These institutions are the municipalities of the five cities, the Directorate of Antiquities and the Directorate of Urban Planning.

This project is vital for the revival of tourism in these cities, development of associated geographic, economic and social infrastructure which will eventually lead to local economic development and creation of new job opportunities.



Rehabilitation and upgrading of old souks in Tripoli.

Achievements to date

- During 2003, funding for implementing the following works were secured:
- A loan agreement with the World Bank (IBRD) for US\$ 31.5 million, approved by the Council of Ministers pursuant to Decree No. 10858 dated 9/9/2003 and ratified by the parliament pursuant to Law No. 555 dated 31/1/2004.
- A loan agreement with the French Development Agency for 12 million euro, approved by the Council of Ministers pursuant to Decree No. 11163 dated 14/10/2003 and ratified by the parliament pursuant to Law No. 556 dated 30/1/2004.
- CDR completed, during 2003, project organizational studies related to Tripoli, Jbeil, Baalbeck, Saida and Sour
- CDR completed, during 2003, the detailed design studies and tender

documents for the works of the first phase of the project of the five cities (US \$ 12 million).

- CDR established a project management unit (PMU) which consists of consultants responsible for follow-up and management of the project. For this purpose, CDR recruited a project coordinator specialized in planning and urban and economic development, an architect specialized in restoration works, a civil engineer, a sociologist and an archeologist responsible for the works associated with the Directorate of Antiquities.
- Local municipal management units composed of engineers, specialists, sociologists and economists were established for the project in the five cities. CDR recruited six specialists who will be responsible for the local management and follow-up of the project, in coordination with

relevant municipalities. Their responsibilities include: preparation of the technical studies, supervision of works, coordination and cooperation with municipal, administrative and technical authorities, the Directorate General of Urban Planning and Antiquities, the offices of the Ministry of Tourism and other public institutions involved in implementation of the project in the five cities. In addition, their responsibilities cover coordination with the general population, local communities, NGOs and civil societies during all phases of the project.

- In 2004, the consultants completed the detailed designs and tender documents related to the first phase. This enabled CDR to launch the invitations to tender and award the contracts related to the rehabilitation and restoration works in the five cities. The works of the first phase began in the summer of 2005 in Sour, Tripoli, Baalbeck, Jbeil and Saida, consecutively.
- Supervision contracts for the five cities were awarded in the summer of 2005.

Projects in progress

CDR signed the Italian Protocol for 10 million euro. Consultants are preparing and securing traffic plans, traffic flow organization and adequate parking lots in a number of historical cities. CDR completed the process of evaluating the offers for supervision of the environmental impact plan, and submitted the results to the World Bank for approval.

- 1 - CDR signed the contract related

to the preparation of Sour archaeological map at the end of 2005.

2 - CDR signed the indicator contract covering the assessment of economic, tourism and social impact of the project on the five cities at the end of 2005.

3 - CDR signed a contract related to the restoration of Hay al Kala'a in Baalbeck at the beginning of 2006.

4 - CDR prepared an information

plan and coordinated its efforts with the merchants of Souk al Bazirkan (Tripoli) which is being restored during the first phase of the project.

5 - CDR prepared an information plan and coordinated its work with the inhabitants of Sour, particularly those living in the area that will be restored during the first phase of the project.

6 - Study of phase two in the city of Baalbek.

7 - Implementation of phase two in the city of Jbeil.

8 - Rehabilitation of phase two in the old city of Saïda.

9 - Construction of Block A for the transfer of inhabitants from Khan al Askar in Tripoli.

10 - Construction of Block B for the transfer of inhabitants from Khan al Askar in Tripoli.

11 - Rehabilitation of roads and

Land use & Environment Sector overview

		Contracts awarded from January 1992 to December 2006						
		Total		completed		in progress		
		*No	Amount	*No	Amount	*No	Amount	prog
Technical assistance		25	39.8	22	34.5	3	5.3	70%
Planning/policy studies: Land use planning								
Beirut central district infrastructure	c	6	1.9	6	1.9			
	w	1	29.0	1	29.0			
Land use planning	w	1		1				
Tripoli and Al-Mina gardens	c	1	0.3	1	0.3			
Coastal zone management.	c	2	2.5	1	0.3	1	2.2	90%
Other studies	c	9	3.3	7	0.3	2	3.0	55%
	w	2	0.5	2	0.5			
Enviromental planning & Development	c	2	0.1	2	0.1			
Institutional strengthening								
Technical Assistance for Ministry of Enviroment	c	1	2.1	1	2.1			
Capital investment		74	34.1	38	10.5	36	23.7	19%
Reforestation								
Reforestation	c	1	0.2	1	0.2			
Rehab Bois des Pins	c	3	0.2	2	0.2	1		75%
	w	2	1.7	2	1.7			
Forest fire prevention	c	2	1.6	1	1.5	1	0.1	5%
	w	3	2.1	3	2.1			
Land development projects								
Development of Plot 1220, Ras Beirut	c	3	2.3	3	2.3			
	w	1		1				
Other projects in Beirut	c	3	0.2	3	0.2			
	w	4	0.2	4	0.2			
Environmental preservation measures								
Protection of Environmental Sensetive sites	c	1	0.2	1	0.2			
Urban conservation								
Ancient city preservation	c	3	0.4	3	0.4			
	w	1	2.7			1	2.7	6%
Cultural Heritage & Urban Development (CHUD)	c	31	5.0	14	1.3	17	3.6	40%
	w	16	17.3			16	17.3	16%
Sector Totals		99	73.9	60	44.9	39	28.9	28%

public squares in the northern souks in old Tripoli.

12 - Rehabilitation of the second group of Facades at the northern souks in old Tripoli.

13 - Rehabilitation of infrastructure in a selected part of the historic city of Sour.

14 - Study for the second phase for the development of the city of Sour.

15 - Study for the restoration of the Archeological wall in the city of

Sour.

16 - Study for the construction of Block C for the transfer of inhabitants from Khan al Askar in Tripoli.

Projects under preparation

CDR is currently preparing the following studies and documents:

1 - Detailed designs and tender documents for the second phase of

the physical infrastructure works and restoration of the five cities.

2 - Detailed designs for the rehabilitation of the peripheries of Al- Burtassi Mosque, the two banks of Abu Ali River and construction of an awning above a section of the banks lying within the old city of Tripoli.

3 - Tender documents for works at the archaeological sites, particularly in Baalbek and Sour.

Land use & Environment contracts awarded in 2006

		Contract amount (in USD)	External funding	Start Date
Technical assistance		73,700		
Planning/policy studies: Land use planning				
Other studies				
Design & prep of TD for the rock fall stabilization in Jdeideh / Zaitrieh	c	73,700		Mar/2006
Capital investment		6,578,789		
Urban conservation				
Cultural Heritage & Urban Development				
Detailed study for the first year of the CHUD Project in Tripoli + Add no.1	c	49,513	FRANCE-AFD	Sep/2003
Tripoli old city - Hammam Ezzeddine restoration	w	337,000	AFESD	Nov/2006
Saida old city - The Souk (markets) - Section 3 and electrical works	w	1,057,390	IBRD	Sep/2006
Infrastructure works for parts of Tyre city - CHUD	w	945,186	IBRD	May/2006
Baalbeck old city - Rehabilitation of Mud Brick Houses - Hay El Qala'a	w	234,248	IBRD	Mar/2006
CHUD - Tripoli old city - Phase 1 - Resettlement building - Block B	w	919,420	IBRD	Sep/2006
Tripoli old city - Restoration of facades in the northern souks - Package 2	w	588,291	IBRD	Nov/2006
Tripoli old city - Restoration of the public space in the northern souks	w	1,375,135	FRANCE-AFD	Jun/2006
Facades rehabilitation of Dahr El Mughur bldgs in Tripoli Suwayqa zoning	w	659,045	IBRD	Feb/2007
Designing and Conducting an opinion survey for (CHUD)	c	72,289	IBRD	Jan/2006
CHUD / DGA Technical Assistant Officer	c	15,000	FRANCE-AFD	Feb/2006
Detailed design for the reh of Khan Al Tamathili in Al Mina - Tripoli	c	68,849		Mar/2006
Detailed design for the rehabilitation of Byblos old city - Phase 2 - CHUD	c	40,200	IBRD	Apr/2006
CHUD - Detailed Engineering Studies - Phase II for Urb Dev & Cons in Tyre	c	208,644	IBRD	Sep/2006
Technical Control for the reh of Nahr Abou Ali Rivers in Tripoli	c	8,580		Dec/2006
Sector Totals		6,652,489		

4 - Administrative support plan to be submitted to the Directorate of Antiquities and the Directorate of Urban Planning.

5 - Plans related to social projects accompanying the project.

6 - Plans related to local economic development projects of old markets in the cities covered by the project.

7 - A tourism promotion plan for the cities covered by the project.

8 - Plan for the transfer of inhabitants from Khan al Askar in Tripoli. Preparation of tender documents for the restoration building facades in the Suwika Quarter of Bab al Tabbane in old Tripoli.

9 - Implementation of phase two in the city of Jbeil.

10 - Implementation of phase two in the city of Baalbek.

11 - Construction of Block C for the

transfer of inhabitants from Khan al Askar in Tripoli.

12 - Studies for the rehabilitations of Khans in Tripoli.

13 - Restoration of the Castel of Tripoli.

14 - Execution of the second Phase in Sour.

15 - Rehabilitation of archeological sites in the cities of Baalbek and Sour.

Land use Planning & Environment

Contracts in preparation

	Progress Status		Estimated Amount	Funding Source	Indicative start date
Technical Assistance					
Rehab of historic cities and archaeological sites					
Project Management Unit - Economist for Tripoli	Project identification	c	24,000	IBRD	Sep/2007
Project Management Unit - Social development specialist for Sour	Project identification	c	24,000	IBRD	Jul/2007
Project Management Unit - Architect for Saida	Project identification	c	30,000	IBRD	Jul/2007
Capital Investment					
Rehab of historic cities and archaeological sites					
Studies & supervision for the Rehab of historic sites - Sour & Baalbeck	Tendering Phase	c	450,000	IBRD	Jul/2007
Urban rehab works - Tripoli phase 2: Studies	Project identification	c	263,500	FRANCE-AFD, IBRD	Apr/2007
Tripoli Traffic Improvement Works	Design Phase	w	8,000,000		Sep/2007
Construction of a retaining wall for the sea front of some Archeological sites in Tyre	Design Phase	w	257,000		Aug/2007
Sector Totals			9,048,500		



Water Supply

The total value of contracts awarded in the water supply sector to date amount to around US\$ 615 million. The related sector work plan aims to complete the rehabilitation and expansion works of existing potable water supply systems in all regions of Lebanon, and to expand and develop water resources in order to meet projected future shortages. This will be achieved through execution of several major projects, such as dams and mountain lakes.

In addition to the rehabilitation and modernization of water facilities, the Lebanese Parliament approved a law stipulating merger of the twenty one water authorities and committees into four regional establishments for potable and wastewater: North Lebanon Water establishment, Beirut and Mount Lebanon Water establishment, South Lebanon Water Establishment and Beka'a Water Establishment. The government has issued the organizational decrees for these establishments. A two year transitional period is allowed for the new establishments to become fully operational.

In parallel with the aim of the government to involve the private sector in the management of these establishments, the Ministry of Energy and Water commissioned a French company to study the ways for participation of the private sector in the management of Beirut and Mount Lebanon Water Establishment. The Ministry further authorized CDR to award contracts

for the management of the other regional water establishments.

At the end of the civil war in Lebanon, the water projects implemented by CDR aimed to fulfill general national objectives. These include:

- *Emergency rehabilitation program for water authorities (NERP- first year):* At a cost of US \$ 60 million, financed by the World Bank and EIB, the program aimed at the rehabilitation and equipping of potable water networks for 19 potable water authorities.

- *Rehabilitation and expansion of potable water treatment plants, pumping and chlorination stations in the regions:* The program covered projects for the rehabilitation and expansion of seven main potable water treatment plants in Zahle, Kfar Halda, Tripoli, Jbeil, Kousba, Ras el Ain and al- Bass (Sour). It also covered rehabilitation of 200 pumping stations located in all Lebanese regions. The cost of the program, started in August 1996 was about US \$ 54 million financed out of the French Protocol.

Technical assistance to the Ministry of Energy and Water: A technical assistance project (FF 30 million), funded under the French protocol, has been completed. Under this program, assistance was provided to the Ministry of Energy and Water and to major water authorities in the form of capacity building, institutional development and supply of equipment.

In parallel with the start of execution of these programs at the national level, CDR focused on the development of water treatment plants in all Lebanese regions. These projects are distributed according to the governorates detailed hereunder:

Greater Beirut area

Projects completed

NERP: Several contracts have been awarded covering the rehabilitation and construction of potable water supply systems in the Greater Beirut area for a total of US \$ 45 million financed by KFAED. These contracts covered the following works:

- Rehabilitation of water sources, such as the Qashkoush and Ain al Delbe springs.
- Rehabilitation of Daychounieh and Hazmieh water treatment plants.
- Rehabilitation and construction of potable water supply and distribution networks in the Greater Beirut area.

Expansion of Dbayeh potable water treatment plant (First phase):

Increasing the capacity of Dbayeh potable water treatment plant to 430,000 m³ /day. This project was financed out of the Italian Protocol (US \$ 5.7 million).

In addition to these projects and within the framework of the Beirut infrastructure rehabilitation, the water supply and distribution networks were rehabilitated and upgraded in streets covered by this project.

Projects under preparation

- Awali - Beirut Water Conveyor:

This project aims to convey potable water from al Awali river to the

Greater Beirut area. This is a vital project to meet potable water needs of Greater Beirut. The cost is estimated at about US \$ 170 million.

- ***Expansion of Dbayeh potable water treatment plant (second phase):*** This project aims to expand the capacity of Dbayeh potable water treatment plant from 430,000 m³ to 500,000 m³ /day. The cost is estimated at about US \$ 3.5 million, financed out of the Italian Protocol.

Beka'a and Baalbeck Hermel Governorates :

Projects completed

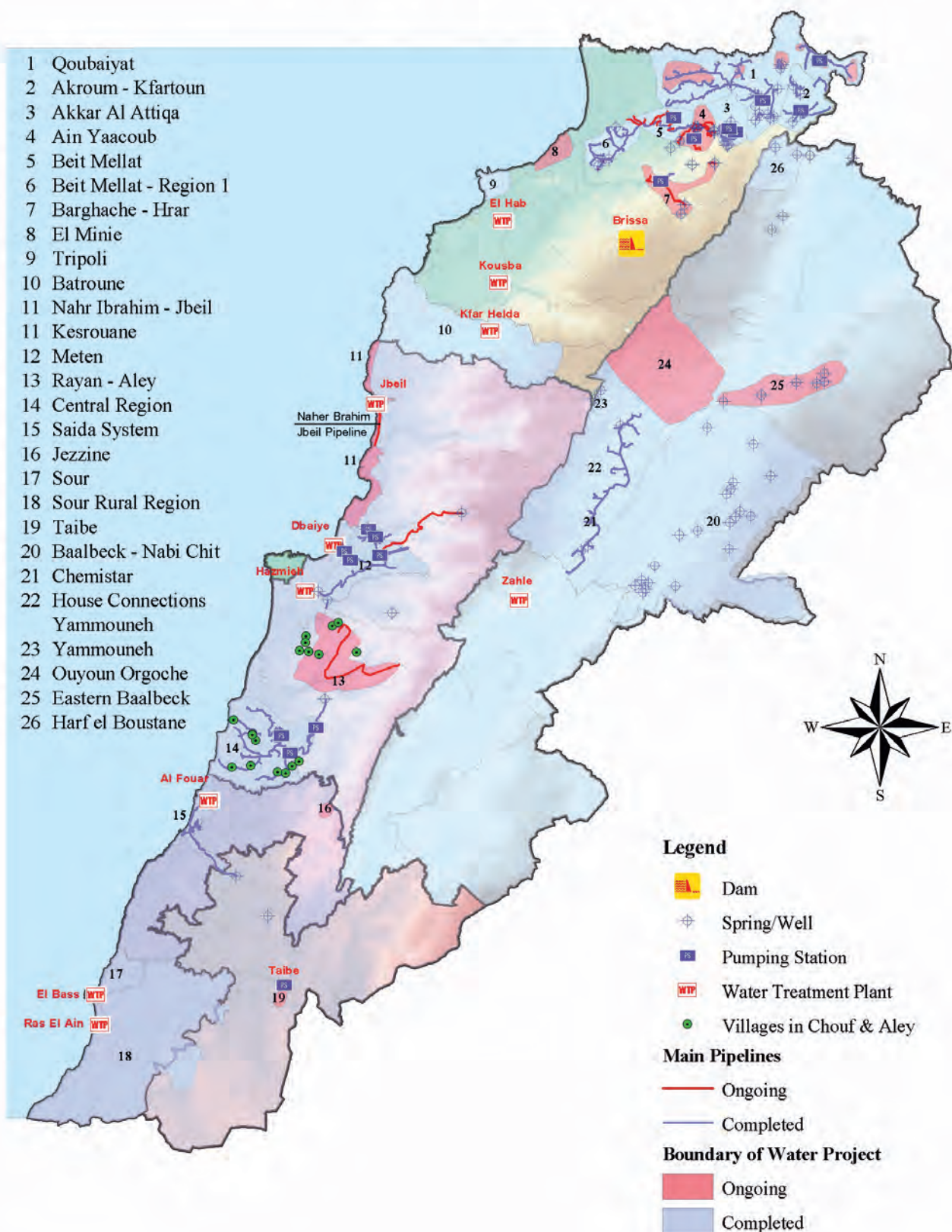
- Baalbeck-Nabi Sheet potable water supply and Baalbeck wastewater network: The contract, amounting to US \$ 27 million, was financed by the World Bank. Under this project, the rehabilitation of potable water reservoirs, pumping stations and installation of distribution pipes were completed.

- Yammoueh potable water supply: The contract, amounting to US \$ 11.9 million, was financed by the Islamic Development Bank (IDB). This project covered construction of a dam for capture of the Yammoueh spring water,



Potable water supply for Kesrwan coastal region.

Water Supply Completed & Ongoing Projects



installation of 76 kms of water supply pipes, 246 kms of water distribution pipes, and construction of 23 new water reservoirs and two artesian wells.

- Baalbeck - Nabi Sheet potable water domestic connections and additional distribution lines (first phase): The contract, amounting to US \$ 1,273,000, was financed by the World Bank

- Ouyoun Orghesh potable water supply: The contract, amounting to US \$ 7,8 million was financed by the IDB. The project comprised the installation of pipes for the supply of water from Qabua and Shemali springs, 72 kms of supply pipes, 110 kms of distribution networks and construction of 18 new water reservoirs.

Projects in progress

- **Shmistar potable water supply:** This project, estimated at about US \$ 4.18 million, aims to supply potable water to Shmistar region. About 50% of the works have been completed.

- **Baalbeck-Nabi Sheet potable water supply systems:** These works are supplemental to the Baalbeck - Nabi Sheet potable water project and Baalbeck wastewater network described above. Through these works, the potable water distribution piping and domestic connections will be installed. These works were the subject of two contracts financed by the World Bank (about US \$ 19 million).

- **Domestic connections for the regions covered by Yammouneh-Ouyoun Orghesh potable water systems:** Under this project, domestic connections for all villages that benefit from the Yammouneh-

Ouyoun Orghesh completed projects (about US \$ 5 million).

- **Potable water supply systems for north Beka'a (First phase):** This project (US \$ 12 million) aims to supply potable water to Rasm Al Hadath-Arsal area in north Beka'a and construction of related reservoirs and distribution networks.

- **An Nasara and Hariq springs - Al-Bustan and Al Harf potable water conveyor lines:** The contract (US \$ 1.9 million) is financed locally. About 95% of the works have been completed.

- **Al-Yammouneh infrastructure:** This project covers the construction of potable water supply and wastewater networks in addition to wastewater treatment plant in Al-Yammouneh. The works (US \$ 3.4 million) are financed by IDB. About 70% of the works have been completed.

- **Technical and administrative support unit:** In parallel with the above, additional efforts are being exerted to strengthen the institutional capacity of the Beka'a Water Establishment. Eleven experts were appointed for providing administrative, financial and technical support to the existing management team. Also, this team of experts act as the representative of the Beka'a Water Establishment.

Projects in preparation

- **North Beka'a potable water supply (second phase):** This project, estimated to cost about US \$ 11 million, covers the supply of potable water to the remaining regions of North Beka'a extending from Labwe to Ras Baalbeck, including construction of reservoirs and

distribution networks.

- **Hermel - Al Qasr potable water supply:** This project, estimated to cost about US \$ 8 million, will supply Hermel - al Qasr region with potable water. Financed under the Iranian Protocol.

- **Operation and Maintenance contract for Baalbeck-Hermel potable and irrigation water authority:** CDR launched an invitation to tender concerning operation by the private sector, of the facilities of the Baalbeck - Hermel Potable and Irrigation Water Authority, similar to that of the Tripoli Water Authority. CDR expects that involving the private sector in the management of Baalbeck-Hermel Potable and Irrigation Water Authority will greatly improve its services and enhance its productivity and efficiency. The World Bank will finance this project (US \$ 4.6 million).

- **Rehabilitation and expansion of potable water systems in West Beka'a and East Zahle villages:** This project includes the construction of wells, reservoirs and distribution networks for most west Beka'a and east Zahle villages. The cost is estimated at US \$ 50 million. An economic and environmental feasibility study of the project is under preparation. Works are expected to start during 2007. The World Bank will finance this project.

Akkar

Projects Completed

- **Potable water supply network for Kobayat Water Authority and Akkar Wastewater Network:** The value of this contract was US \$ 14.9

million financed by EIB.

- Potable water supply network for some villages in Akkar provided from wells: The contract value was US \$ 4 million financed through a grant from the Kingdom of Saudi Arabia.

- Akroum and Kfartoun potable water supply: The contract value was US \$ 5.4 million financed by SFD.

- Akkar Al-Atika potable water supply: This project aimed to supply Akkar Al Atika and neighboring areas with potable water. The value of works is estimated at about US 4.8 million.

Projects in progress

- Captage of Barghash and Kaf Al Tina Spring Water: This project covers the captage of Kaf Al Tina and Barghash spring water and the construction of main transmission lines to carry water to two main reservoirs in Harrar and Kabiet. The cost of US \$ 5.6 million is financed by SFD. About 25% of the works have been completed.

- Potable water supply for Beit Mallat and surrounding villages: The project covers the construction of reservoirs, potable water supply pipes and pumping stations. The contract (US \$ 20 million) is jointly financed by IDB and OPEC International Development Fund. About 95% of the works have been completed.

- Ain Yacoub potable water supply: The contract for US \$ 5.2 million was funded by SFD. About 90% of the works have been completed.

Projects under preparation

- Rehabilitation and expansion works of Barghash - Hrar, Kaf al Tineh and Kabiet potable water supply: This project comprises construction of reservoirs, installation of potable water supply pipes, distribution networks and pumping stations for about 25 villages. The cost of about US \$ 14 million is financed by AFESD.

- Potable water supply for villages connected to al-Qurna reservoir: Installation of distribution networks for al Qurna, Beit Ayyoub, Beit Younes and Krayat. The cost of US \$ 4 million will be financed by the SFD and AFESD.

North Lebanon

Projects completed

Potable water supply networks for Tripoli Water Authority and Tripoli wastewater networks: The US \$ 35 million contract was financed by EIB. Works were expanded to include construction of potable water reservoirs to meet the needs of the population up to 2025. The project is currently in operation.

Potable water supply networks for Batroun Water Authority and other wastewater networks: The US \$ 20.5 million contract was financed by EIB

Projects under execution

- Minyeh potable water supply: The project aims to supply Minyeh and surrounding villages with potable water. The cost of US \$ 5.5 million will be financed by SFD. About 25% of the works have been completed.

- Barissa Hill Lake dam and irrigation water: The project aims to supply potable water to villages in the upper parts of Minyeh- Danniyeh

caza. The project (US \$ 9.3 million) is financed by SFD. About 25% of the works have been completed.

Tripoli Water Authority management contract: This contract is part of the government's efforts to restructure the water sector and to involve the private sector in its operation. In December 2002, the management contract was awarded to a French firm at a cost of 8.9 million euro. The contract is financed by the French Development Agency.

The management contractor is currently operating and managing TWA installations and facilities, billing and collection of water fees, as well as human and financial resources. In addition, the management contractor will supervise the rehabilitation of Tripoli water supply network including increasing the capacity of Bahsas Water Treatment Plant from 40,000 m³/day to 70,000 m³/day.

CDR intends to expand the management contract to include other water authorities merged into the North Lebanon Water Establishment under the above mentioned law.

Projects under preparation

- Rehabilitation of Tripoli potable water supply networks and domestic connections: This contract shall be awarded soon. Works are expected to start in the mid of this year. The cost of 7.6 million euro is financed by the French Development Agency (AFD).

- Expansion of Bahsas water treatment plant: This comprises upgrading the capacity of Bahsas water treatment plant from its present capacity of 40,000 m³/day to 70,000



Potable water supply for Kesrwan coastal region.

m³/day. The cost of 3.5 million Euro is financed by AFD.

- Rehabilitation and restoration of Bcharre potable water supply systems: This project comprises the supply of potable water to Bcharre and surrounding villages from Kadisha spring. It includes drilling of several artesian wells, rehabilitation and expansion of water supply networks and domestic connections as well as construction of water reservoirs. The cost (US \$ 10 million) is financed by the AFESD.

- Rehabilitation and expansion of Chekka and Anfe potable water supply systems: This project covers the supply of potable water to Chekka and Anfe- Hreishe through the drilling of several artesian wells in Jaradeh area, rehabilitation and expansion of potable water supply networks, domestic connections and construction of reservoirs. The cost (US \$ 10 million) is financed by

AFESD.

- Rehabilitation and expansion of Koura potable water supply systems: This project covers the supply of Kousba- Fi'i-Hraishe area with potable water. It includes the construction of conveyor lines, artesian wells and water reservoirs. The cost (US \$ 7 million) is financed out of the Italian protocol.

- Completion of potable water supply works in Batroun, Zghorta, and Koura at an estimated cost of US \$ 6 million, financed by KFAED.

Mount Lebanon

Projects completed

- Potable water supply networks for Metn and Barouk Water Authorities and Chouf and Metn wastewater network: The contract (US \$ 17.9 million) was financed by the World Bank. The project covers construction of 22 water reservoirs, installation of conveyor pipes and

potable water distribution networks.

- Displaced villages: Rehabilitation works and installation of potable water networks in the displaced villages of Baabda, Aley and Chouf cazas have been completed at a cost of (US \$ 7.3 million) financed by SFD.

- Nahr Ibrahim water conveyor - Jbeil treatment plant: This project is financed locally (US \$ 1,928,000).

Projects in progress

- Potable water supply to Kesrwan coastal region from Al-Madik Spring: The project (US \$ 37.8 million) is financed by the Japanese Bank for International Cooperation (JBIC). The work contract, signed in June 2001, comprised: Construction of the Madik spring water captage dam; installation of main water piping (through a tunnel) to Kesrwan coastal region; construction of main

water reservoirs and potable water distribution networks for Kesrwan coastal region. About 38% of the works have been completed.

- Ra'ayan spring water conveyor line - Aley main water reservoir :

This project will convey about 12000 m³ of water/day from Ra'ayan spring to Aley main potable water reservoir. The cost (US \$ 10 million) is financed by KFAED.

- Qattine- Azar potable water supply: This project (US \$ 3.1 million) aims to exploit Qattine spring water to supply potable water to the upper areas of Metn. The project was financed by KFAED and 85% of the works have been completed.

Projects under Preparation

- Jbeil potable water supply: The cost of this project (about US\$ 16 million) will be financed out of the Italian Protocol. The Italian government is studying at present the tender documents. It is expected that invitation to tender will be issued during the second half of 2006.

- Potable water supply to Aley mountainous areas: This project (about US \$ 4.8 million) will supply potable water to the upper parts of Aley caza. Negotiations are underway with KFAED to finance the project. Invitations to tender are expected to be issued by the end of 2006.

- Jweizat spring - Bhannes water supply: This project (about US \$ 4.8 million) will supply potable water to Metn villages from Jweizat spring. SFD has been approached for financing the works and invitations to tender are expected during the second half of 2006.



Potable water supply for Kesrwan coastal region.

South Lebanon

Projects completed

- Sour potable water supply networks : The value of this project (US \$ 9.9 million) was financed by AFESD. About 90% of the works have been completed.

- Sour rural area potable water supply networks: The value of this contract was US \$ 27 million, financed by AFESD. The project is in the takeover stage.

- Potable water supply network for Saida Water Authority: This contract (US \$ 4.6 million) was financed by AFESD.

- Rehabilitation of Jezzine potable water supply networks and systems: This project (about US \$ 1.2 million) was financed by AFESD.

Projects under execution

Taybeh potable water treatment plant : The contract (US 7.8 million) is financed by IDB. About 15% of the works have been completed. Upon completion, the plant will be

capable of treating 25,000m³/day of water and pumping it through potable water networks operated by Jabal Amel Water Authority.

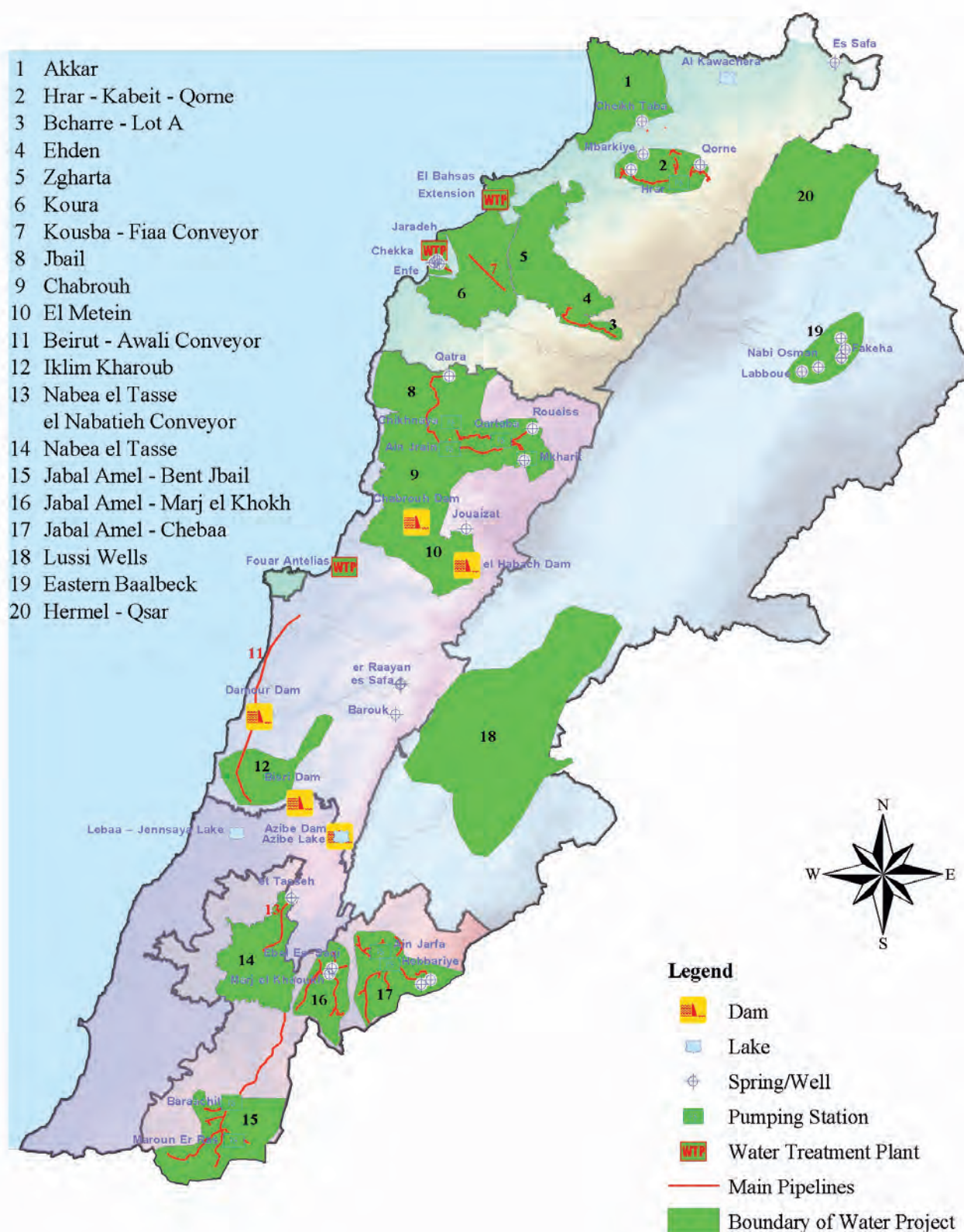
Projects under preparation

- Rehabilitation of Taseh spring - Nabatiyeh water supply networks: The cost (about 3.4 million euro) will be financed by AFD. CDR has prepared the relevant designs and tender documents and invitations to tender will be issued shortly.

- Habbariyeh - Hasbaya potable water supply : The project (about 7.6 million euro) will be financed by AFD. CDR is currently preparing the detailed designs and tender documents. Invitations to tender are expected to be issued by the end of 2006.

- Nabatiyeh potable water supply: The project includes the construction and rehabilitation of potable water supply networks operated by Taseh spring Water Authority and certain wastewater networks in Nabatiyeh. The cost is estimated at about US \$ 15 million.

Water Supply Projects Under Preparation



Water Supply Sector overview

		Contracts awarded from January 1992 to December 2006						
		Total		completed		in progress		
		*No	Amount	*No	Amount	*No	Amount	prog
Technical assistance		43	15.6	24	14.2	19	1.4	66%
Planning and policy studies								
Damage assessment: water	c	8	1.1	8	1.1			
Institutional development								
Technical assistance to MHER	c	2	4.3	2	4.3			
	c	1	0.1	1	0.1			
Supply of equipment to MHER and water authorities	w	13	8.7	11	8.5	2	0.2	63%
Technical assistance to water Authority	c	18	1.4	2	0.2	16	1.2	69%
Undefined								
Project undefined	w	1				1		
Capital investment		199	623.9	133	383.9	66	240.1	46%
NERP Year 1 rehabilitation								
Rehab year 1	c	5	4.4	5	4.4			
	w	5	54.1	5	54.1			
Rehab./extension of WS in Greater Beirut								
Ain el Delbe: urgent works	c	2	0.9	2	0.9			
	w	7	14.3	7	14.3			
NERP water rehab years 2 & 3: Greater Beirut	c	7	7.9	6	7.7	1	0.2	60%
	w	14	23.5	14	20.2		3.3	10%
Dbye water treatment works extension	c	1	0.2	1	0.2			
Rehab and extension of WS in other areas								
NERP water rehab years 2 & 3 outside Greater Beirut	c	8	0.9	7	0.7	1	0.2	95%
	w	7	56.7	2	20.0	5	36.7	85%
NERP years 2 & 3: North Lebanon	c	11	1.6	9	1.4	2	0.2	24%
	w	8	82.2	7	76.8	1	5.4	10%
NERP years 2 & 3: Mount Lebanon	c	7	1.5	7	1.5			
	w	1	25.3	1	25.3			
NERP years 2 & 3: Bekaa	c	8	3.0	5	2.4	3	0.6	58%
	w	10	58.2	4	33.9	6	24.4	49%
NERP years 2 & 3: South Lebanon	c	6	1.2	4	0.6	2	0.6	63%
	w	5	43.5	4	34.1	1	9.3	78%
NERP Years 2 & 3: General	c	5	16.9	4	16.1	1	0.9	80%
	w	1	26.5	1	26.5			
Resettlement programme/destroyed villages' infrastruc	c	2	0.9	2	0.9			
	w	2	7.1	2	7.1			
New water supply systems								
New water networks	c	25	3.3	9	0.8	16	2.5	35%
	w	11	61.5	1		10	61.5	34%
Other new water systems: Mount Lebanon								
Exploitation of Kattin Azar sink hole	c	2	0.5	1	0.3	1	0.1	55%
	w	1	3.7			1	3.7	55%
Other new water systems: North Lebanon								
Akkar villages water supply	c	1	0.2	1	0.2			
	w	2	4.1	2	4.1			
Other new water systems: South Lebanon								
Jebel Amel water supply	c	1	0.1			1	0.1	50%
Other new water systems: Bekaa								
Yammounneh water supply rehab	c	4	0.8	3	0.7	1	0.1	10%
	w	2	16.9	1	12.0	1	4.9	10%

Water Supply Sector overview (cont'd)

		Contracts awarded from January 1992 to December 2006						
		Total		completed		in progress		
		*No	Amount	*No	Amount	*No	Amount	prog
Ouyoun Ozghoush water supply	c	2	0.6	2	0.6			
	w	1	7.8	1	7.8			
Water supply to the villages of Harf and Boustan	c	1	0.1			1	0.1	97%
	w	1	1.9	1	1.9			
Development projects								
Bisri Dam	c	2	3.9	1	0.8	1	3.1	48%
Awali-Beirut conveyer	c	4	3.6	3	2.4	1	1.1	67%
Anane Basin water supply	c	1	0.3	1	0.3			
Kesrouane Coastal Area Water Supply	c	3	2.6	2	0.4	1	2.2	20%
	w	1	48.0			1	48.0	38%
Dams and Lakes	c	3	0.5	1	0.1	2	0.4	31%
	w	2	9.4	1		1	9.3	40%
New major treatment plants								
New Taibeh water treatment works	c	2	0.2	1		1	0.2	30%
	w	2	20.6			2	20.6	41%
New water treatment works relating to dams and lakes	c	1	0.2			1	0.2	52%
Jbeil water treatment plant & transmission line	c	1		1				
	w	1	2.0	1	2.0			
Operation and maintenance		15	13.1	13	3.6	2	9.5	83%
Operation and maintenance								
Operation and maintenance of NERP year 1 facilities	c	1	0.2	1	0.2			
Other facilities	c	5	9.9	3	0.3	2	9.5	83%
	w	9	3.0	9	3.0			
Sector Totals		257	652.6	170	401.6	87	251.0	48%

Water Supply contracts awarded in 2006

		Contract amount (in USD)	External funding	Start Date
Technical assistance		323,794		
Institutional development				
Equipment for MHER and water authorities				
Supply of 3 double cabine trucks and 1 Jeep for the Bekaa water authority	w	103,794	IBRD	Dec/2006
Tech. Assist.- water Authority				
Baalbeck water & WSTWP - Bekaa water authority (Sanitary Engineer) + Add 1	c	92,000	IBRD	Feb/2006
Baalbeck water and waste water project - Bekaa water authority (Secretary)	c	23,000	IBRD	Feb/2006
Bekaa Water Authority - Technical Assistant Engineer + Add no.1	c	34,500	IBRD	Mar/2006
BSAM - Project Scientific Director - Team Leader	c	22,500	IBRD	Mar/2006
BSAM - Archaeological Site Manager	c	18,000	IBRD	Mar/2006
BSAM - Archaeological Site Manager	c	18,000	IBRD	Mar/2006
BSAM - Material treatment Archaeologist	c	6,000	IBRD	Mar/2006
BSAM - Material treatment Archaeologist	c	6,000	IBRD	Mar/2006
Capital investment		39,938,431		
Rehab./extension of WS in Greater Beirut				
Greater Beirut Years 2 & 3				
Remaining water supply works for Ain El Delbeh Water Authority	w	3,260,897	KFAED	May/2006
Rehab and extension of WS in other areas				
NERP years 2 & 3: Bekaa				
O&M of water and sewerage works in Baalbeck - Nabi Chit area	w	4,554,992	IBRD	Nov/2006
New water supply systems				
New water networks				
Sup of construction of potable water supply for villages in Hermel region	c	356,593		Aug/2006
Potable water supply for villages in Hermel region	w	12,446,683	IRAN	Aug/2006
Feasibility study of West Bekaa water supply systems	c	151,965		Feb/2006
Sup services for the const of various water works in the region of Barouk	c	135,000	KFAED	Aug/2006
Construction of various water works in the region of Barouk	w	4,296,052	KFAED	Aug/2006
Sup for the const of water transmission line in Bhannes-Nabaa El Assal	c	157,500	KFAED	Aug/2006
Construction of main waterline in Bhannes - Nabaa El Assal - Section 1	w	4,282,521	KFAED	Aug/2006
Sup services for the construction of Kousba - Fiaa water conveyor project	c	105,000	KFAED	Aug/2006
Construction of Kousba - Fiaa water conveyor	w	2,544,884	KFAED	Oct/2006
Prep of an env assessment for the Bekaa WS reh & modernization project	c	15,000		Jun/2006
Sup for the execution of potable water transmission lines in the Bekaa	c	58,500	KFAED	Nov/2006
Exec of potable water transmission lines,networks & reservoirs in the Bekaa	w	1,131,203	KFAED	Aug/2006
Sup of the exec of the water conveyor between Nabeh-el-Tasseh & Nabatieh	c	116,240	FRANCE-AFD	Nov/2006
Design & prep of TD for the WS works in the village of Harbata	c	23,155		Dec/2006
Sup for the const of various water works in the region of Zgharta	c	37,682	KFAED	Dec/2006
Construction of various water works in the region of Zgharta	w	960,903	KFAED	Dec/2006
Other new water systems: South Lebanon				
Jebel Amel				
Detailed Design & preparation of TD for Jabel Amel water supply systems	c	140,498	IDB	Feb/2006
Other new water systems: Bekaa				
Yammounneh				
Sup for the exec of new WS dist connections in Yammounneh & Oyoum Orgoch	c	123,531		Apr/2006
New WS distribution service connections in Yammounneh & Oyoum Orgoch	w	4,941,232		Apr/2006
Development projects				
Dams and Lakes				
Technical control for the Construction of Brissa Dam - North Lebanon	c	98,400	SFD	Jul/2006
Sector Totals		40,262,225		

Water Supply Contracts in preparation

	Progress Status		Estimated Amount	Funding Source	Indicative start date
Technical Assistance					
Institutional support					
Technical assistance for Litani national authority	Design Phase	c	6,147,010	AFESD	Feb/2008
Detailed & Feasibility studies, Environmental assessment, & Tender Documents for water & wastewater in different regions	Design Phase	c	5,000,000	Local	Jun/2007
Purchase of Equipment and Furniture for the TSU	Design Phase	w	350,000	IBRD	Dec/2006
Development of water sources					
Basri dam design study	Design Phase	c	70,000,000	IDB	Jun/2007
Damour dam design study	Design Phase	c	763,500	Local	May/2007
Capital Investment					
Completion rehab. and instal. of potable water networks					
Greater Beirut					
Expansion of Dbayeh water treatment plant	Project identification	w	3,270,465	Italian-Prot	Nov/2008
North					
Completion of potable water supply to villages served by Kurna reservoir: Beit Ayoub, Beit Younes, Krayat in addition to Kurna network served by Hrar-Borghash project	Design Phase	w	4,145,077		Dec/2006
Completion of potable water supply to villages served by Hrar and Kabeit reservoirs:Baja'a, Hrar, Hweish, Khraibeh, Jurd, Danbo, Safinat al-Qaita'a, Shan, Mbarakiyeh, Mechmesh, Wati Meshmeh.	Design Phase	w	9,957,500	AFESD	Aug/2007
Secondary and tertiary water supply networks - Tripoli	Design Phase	w	8,700,000	FRANCE-AFD	Mar/2007
Rehabilitation of water supply systems attached to Jrada Treatment Plant	Design Phase	w	8,987,835	AFESD	Jan/2008
Potable water system - Bcharre region	Design Phase	w	8,745,550	AFESD	Aug/2007
Supply of potable water- Ehden region	Design Phase	w	14,350,000	. ADFD	Aug/2007
Works for Koura Water Authority		w	7,175,000	Italian-Prot	May/2007
Mount Lebanon					
Upgrading of potable water system - caza of Jbeil	Design Phase	w	25,213,235	Italian-Prot	Jun/2008
Rehabilitation of Metn water supply systems	Design Phase	w	13,027,920		Jun/2008
Captage of Barouk, Rayan and as-Safa springs water	Design Phase	w	4,120,000	AFESD	Aug/2007
Constrution of water network in Jbeil	Awaiting funding	w	5,073,125	Local	Jan/2008
Captage works for Safa Spring	Design Phase	w	1,122,000	Local	Sep/2007
South					
Works for South Water Establishment	Design Phase	w	6,916,050		Dec/2008
Completing work for Sour		w	8,000,000	Local	Jan/2008
Nabatieh					
Rehabilitation and development of Nabatiyeh water and waste water systems	Design Phase	w	10,590,000	ADFD	Jun/2007
Captage works of al-Tassa spring water and transmission line.	Design Phase	w	3,330,000	FRANCE-AFD	Jun/2007
Habbarieh of project Potable water	Design Phase	w	7,425,000	FRANCE-AFD	Jun/2007
Potable water projects of Jabal Amel Water Authority	Design Phase	w	13,256,100	IDB	Nov/2007
Beka'a.					
Rehabilitation of water systems served by Luci wells	Design Phase	w	55,970,000	IBRD, KFAED	Dec/2007
Zahle Water networks	Project identification	w	10,146,250	Local	Jan/2008
	Design Phase	w	5,000,000	IRAN	Mar/2008
Various mouhafazat					
Completion of works of water projects in various Muhafazat (filling financing gaps)	Design Phase	w	4,780,500	KFAED	Aug/2007
Development of water sources					
Expansion of Bahsas plant	Design Phase	w	2,600,000	FRANCE-AFD	May/2007
Habsh Dam works and expansion of water treatment plant.	Design Phase	w	15,298,209	KFAED	Nov/2007
Design studies: Dar Baachtar, Jensenaya Lake and Ezeiba dams	Design Phase	c	1,350,000	Italian-Prot	Nov/2007

Water Supply Contracts in preparation (Cont'd)

	Progress Status		Estimated Amount	Funding Source	Indicative start date
Main water conveyance lines and reservoirs in Upper and Middle Kessrwan to link Shabrouh dam with existing potable water systems	Design Phase	w	25,000,000	AFESD	Jan/2008
Operation and Maintenance					
Operation & maintenance					
Operation & maintenance of water and wastewater establishments of Bekaa Water Authority	Design Phase	w	12,000,000	IBRD	May/2008
Sector Totals			377,810,326		



Waste water

Since the beginning of the 1990s, CDR focused its work in the wastewater sector on three axes:

- 1 - Execution of the emergency rehabilitation works of existing wastewater networks and pumping stations (NERP 1).
- 2 - Completion of projects and rehabilitation of wastewater networks according to requirements (NERP 2&3).
- 3 - Launching two projects for protecting the Lebanese coastline and water sources from pollution.

In other words, the objective of this policy is to address the problem of wastewater disposal in a comprehensive way throughout the Lebanese regions.

Achievements to date

The total value of projects implemented in the wastewater sector to date amounted to about US\$ 260 million. The most important of these are:

- **Emergency rehabilitation of wastewater networks (NERP1-first year):** This project covered the repair and rehabilitation of wastewater networks in all regions of Lebanon. It also comprised the rehabilitation of two wastewater pumping stations in Al Mina-Tripoli and Jounieh, in addition to the construction of about 1000 kilometers of sewage networks.
- **Completion of Ghadir wastewater pre-treatment plant:** The construction and equipping of the wastewater pre-treatment plant that

serves the southern part of Aley caza and west-south Greater Beirut, together with the rehabilitation of the associated sea outfall are complete. Construction of this plant started in 1974, but work was interrupted during the civil war. It was put back in service in November 1997.

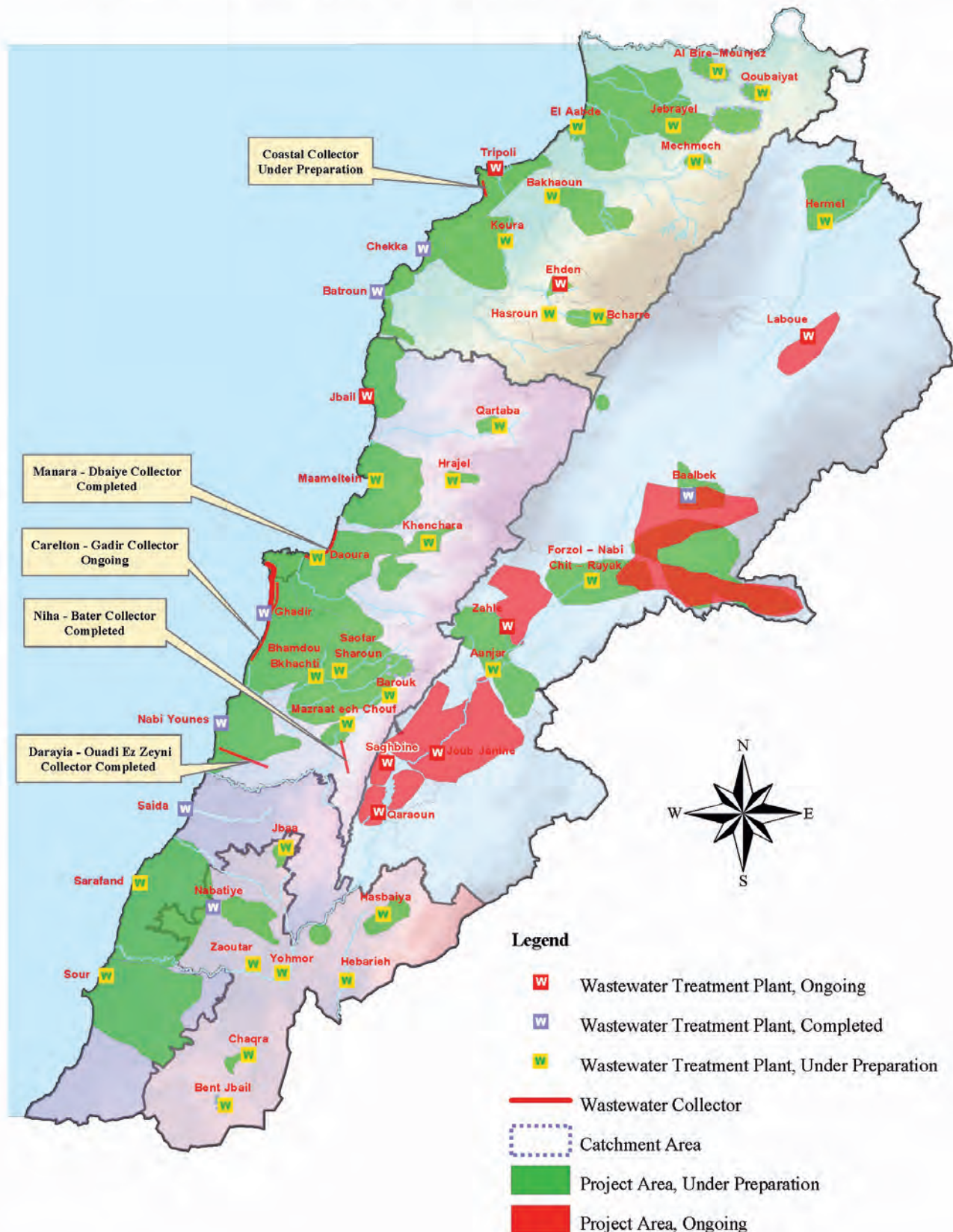
- **Beirut coastline wastewater collector project:** This project aims to protect the coastline extending from Metn to the extremities Shouf caza. The project aims to eliminate all sea outfalls along the mentioned coastal area by collecting wastewater and conveying it to the Dora and Ghadir pre-treatment plants. The conveyor line is comprised of two sections.

The northern section includes Dbayeh-Dora and Ras Beirut-Dora coastal areas covering a length of 17 kms, in addition to 5 pumping and lifting stations. All works were completed in 2000 (about US\$ 45 million). It has been designed to serve 1.5 million inhabitants up to 2015.

The southern section covers: The Carlton-Ghadir line, under execution (about US\$ 14.5 million) designed to serve west south Beirut and part of the southern suburb; and the Damour-Ghadir line, under construction (about US\$ 9 million), designed to serve a major part of Aley caza and part of Shouf caza.

- **Execution of the first phase of rehabilitation of Beirut**

Wastewater Completed, Ongoing & Under Preparation Projects





Chekka wastewater treatment plant

Infrastructure, including the wastewater network (sections 1 and 2) at a cost of US\$ 25 million. The complete project in all its phases aims basically to construct a new separate stormwater network independent of the wastewater network.

- **Execution of the first phase of rehabilitation of wastewater networks in Saida** and suburbs, including rehabilitation of the existing network and construction of a new network for transmission of wastewater to the new treatment plant.

- **Maintenance and upgrading of wastewater and stormwater networks in the main cities:** Commissioned by the Council of Ministers and initiated in 1997, these works covered regular and routine maintenance, repair of wastewater and stormwater piping networks in the main cities in

addition to limiting overflow and preventing problems emanating from breakdowns in the existing networks. The works included cleaning of existing stormwater and wastewater networks, in addition to installing piping and other accessories required for improving efficiency of these systems. This project covered Greater Beirut with its southern and northern suburbs, Tripoli, Zahle, Jounieh, Saida, Sour, Nabatieh and their suburbs. The project was implemented in coordination with the Ministry of Interior and Municipalities.

Projects in progress

- **Beirut coastal area- southern section of the main wastewater collector, Carlton-Ghadir section:** This projects covers the construction of two wastewater pumping stations and installation of 9 kilometers of wastewater sewer

lines serving a population of 750,000 (US\$ 14.5 million). The Islamic Development Bank (IDB) provided funding for the Carlton-Ghadir collector, which was commenced during the second half of 2001. The installation of the collector lines is complete and works are progressing on the pumping and lifting stations.

The Damour-Ghadir section: This section is still under execution (about US\$ 9 million) financed by IDB and covers about 30 kms of collector lines and 3 pumping stations. It is designed to serve 100,000 inhabitants.

Protection of the coastline against pollution: Lebanon signed several conventions for the protection of the Mediterranean against pollution, including the Barcelona Convention. The agreements stress the necessity of treating wastewater before discharge to the sea in cities

and towns with populations which exceed 100,000. Several projects have been prepared for the construction of wastewater collector networks and treatment plants in the coastal regions. The following have been actually implemented:

- Saida wastewater treatment plant and collector line was commenced during the second half of 2001 (US\$ 10 million), funded by the Japanese Bank for International Cooperation (JBIC). Another contract was awarded for the associated sea outfall (US\$ 9.5 million), also financed by JBIC. The majority of the works are complete and they are currently in the acceptance stage.

- Contracts funded under the French protocol, were awarded for the construction of wastewater treatment plants in Chekka (10.11 million euro), Batroun (7.6 million euro), Jbeil (9.4 million euro), Shouf coastal areas (14.4 million euro) and Nabatieh (9 million euro). Works started during 2002 and Chekka and Nabatieh plants are now complete.

- A contract, funded by the European Investment Bank (EIB), was awarded for the construction of Tripoli wastewater treatment plant (78 million euro). Approximately 50% of the works have been completed.

- Works started on the rehabilitation of Beirut infrastructure, including the wastewater network (Lot 1 of the second phase), financed the Arab Fund for Economic and Social Development (AFESD) (U.S.\$ 12.5 million).

Protection of water sources

against pollution: A study was prepared in 1994 to update the master plan for the wastewater sector, originally prepared in 1982. This study identified water basins and priority areas for construction of new wastewater treatment plants to protect water resources against pollution. To accomplish this, financing was secured for installing collector lines and treatment plants in main inland towns (Zahleh, Baalbeck, Nabatieh, and others); and also in towns close to water sources and springs (Labweh, Qaraoun Lake, Anjar, Hermel, Michmich, Bcharre, Bakhoun, Chabaa, Jbaa, Hasbaya, Chakra, Hrajel and Kartaba).

Construction of the Baalbeck wastewater treatment plant, financed by the World Bank, was completed in the summer of 2000. Works of Zahle wastewater treatment plant, funded under the Italian Protocol, was initiated in the first half of 2006 (US\$ 19 million). At the same time, works have started on wastewater collection and treatment project in Jib Jennine, Soghbine and neighboring villages (US \$ 23.5 million).

Projects in preparation

Protection of the coastline against pollution: The Ministry of Energy and Water prepared a detailed study for the Akkar caza that recommended construction of a wastewater treatment plant on the Abdeh coast. The detailed designs and tender documents for the wastewater treatment plant in the coastal areas of Kesrouan and Sour are now complete. CDR is seeking funding for the Kesrouan wastewater treatment plant from JBIC. Financing for the Sour plant has now been secured from the European Investment Bank (EIB) and the project is currently in the awarding stage.

CDR is currently preparing tender documents for the Dora Wastewater Treatment Plant (north Beirut) and the associated networks after securing the funding from EIB (60 million euro).

The feasibility study for the extension of Ghadir wastewater pre-treatment plant (south Beirut) is complete. CDR is seeking to secure the needed funding for these works from several donors.



Nabatieh wastewater treatment plant

Wastewater Sector overview

		Contracts awarded from January 1992 to December 2006					
		Total		completed		in progress	
		*No	Amount	*No	Amount	*No	Amount prog
Technical assistance		4	0.8	4	0.8		
Planning and policy studies							
General Consultancy Services	c	4	0.8	4	0.8		
Capital investment		135	416.6	89	168.2	46	248.4 42%
Rehabilitation of existing sewerage networks							
Network rehab year 1-General	c	14	3.1	14	3.1		
	w	5	22.8	5	22.8		
Network rehab years 2 & 3	c	2	0.5	2	0.5		
	w	2	5.6	2	5.6		
NERP Years 2 & 3 rehab and extension - Greater Beirut	w	1	0.8	1	0.8		
NERP Years 2 & 3 rehab and extension - North Lebanon	w	1	1.5	1	1.5		
NERP Years 2 & 3 rehab and extension - Mount Lebanon	c	1		1			
NERP Years 2 & 3 rehab and extension - Bekaa	c	1	0.1	1	0.1		
	w	2	6.5	1	6.3	1	0.2 75%
NERP Years 2 & 3 rehab and extension, General	c	2	0.7	1	0.3	1	0.4 40%
Water Resources Protection Program							
Water resources protection program	c	8	0.4			8	0.4 75%
Protection of water resources - North Lebanon	c	5	1.2	4	1.2	1	50%
	w	1	19.7	1	19.7		
Protection of water resources - Mount Lebanon	c	1	0.3	1	0.3		
Protection of water resources - Bekaa	c	5	1.6	4	0.5	1	1.1
	w	1	18.9			1	18.9
Protection of water resources - South Lebanon	c	2	0.9	2	0.9		
	w	1	10.9			1	10.9 90%
New sewer networks	c	1	0.2			1	0.2
	w	1	6.7			1	6.7
New sewer networks - North Lebanon	c	1	0.1			1	0.1 80%
New sewer networks - Mount Lebanon	c	4	0.4	3	0.3	1	0.1 65%
	w	2	3.3	1	1.3	1	2.0 74%
New sewer networks - Bekaa	c	3	0.5	1		2	0.5 1%
	w	1	23.5			1	23.5 1%
New sewer networks - South Lebanon	c	1	0.1			1	0.1 20%
Coastal Pollution control Program							
Completion of Ghadir wastewater treatment works	c	9	2.9	5	2.5	4	0.4 42%
	w	9	34.3	6	12.5	3	21.8 35%
Protection of coastal area	c	1				1	50%
Dbayeh-Manara waste water system	w	1		1			
Tripoli wastewater system	c	6	3.1	5	1.3	1	1.9 60%
	w	2	97.6	1	3.8	1	93.8 59%
Kesrouan wastewater system	c	4	1.4	1	0.2	3	1.1 92%
Saida wastewater system	c	5	6.1	3	4.2	2	1.9 50%
	w	3	37.0	2	20.2	1	16.8 1%
Sour wastewater system	c	2	1.2	1	0.2	1	1.0 92%
Chouf coastal area wastewater system	c	3	1.1	2	0.3	1	0.8 62%
	w	2	16.0	1	2.0	1	14.0 90%
Jbeil and Batroun area wastewater system	c	1	0.5	1	0.5		
	w	2	20.1			2	20.1 10%
Chekka wastewater system	w	1	9.7			1	9.7 90%

Wastewater Sector overview (cont'd)

		Contracts awarded from January 1992 to December 2006						
		Total		completed		in progress		
		*No	Amount	*No	Amount	*No	Amount	prog
Dora waste water system	c	6	2.0	6	2.0			
	w	6	50.3	6	50.3			
Multi regional wastewater system	c	2	2.9	2	2.9			
Sarafand wastewater system	c	1	0.2			1	0.2	4%
Operation and maintenance		77	89.9	77	89.9			
Maintenance of sewers								
Maintenance of sewers and storm water drains in major citi	c	30	3.3	30	3.3			
	w	47	86.6	47	86.6			
Sector Totals		216	507.3	170	258.9	46	248.4	42%

CDR has also secured funding for the Greater Beirut wastewater treatment project from the German Reconstruction Fund (KFW) (16 million euro). This project involves construction of wastewater collection and transmission networks from north and south Beirut to the Dora

and Ghadir wastewater pre-treatment plants.

On the other hand, CDR recently secured financing from AFESD for US\$ 80 million to finance wastewater systems in a number of Lebanese regions, including Akkar

coastal area, where the cost of the project and wastewater collection and treatment is estimated at about US\$ 25 million, and the Chouf coastal area, where the cost of installation of wastewater networks is estimated at about US\$ 15 million

Wastewater contracts awarded in 2006

		Contract amount (in USD)	External funding	Start Date
Capital investment		27,446,518		
Rehabilitation of existing sewerage networks				
Years 2 & 3 rehab and extension, Bekaa				
Preventive O&M of Yaad wastewater treatment plant (Baalbeck)	w	190,639		Mar/2006
Water Resources Protection Program				
New sewer networks				
Construction sup for Tripoli sewer networks - Coastal sewer line project	c	182,056		Jun/2006
Construction of Tripoli sewer networks coastal sewer line project	w	6,661,137	EIB	Jun/2006
New sewer networks, Mount Lebanon				
Construction of Khraibeh - Amatour Collector	w	2,047,616		Mar/2006
New sewer networks, Bekaa				
Supervision of Laboue wastewater treatment plant	c	185,900		May/2006
Coastal Pollution control Program				
Completion of Ghadir treatment works				
Const Sup of South Beirut Coastal coll & pump stations-Nammeh - Ghadir	c	94,334	IDB	Jan/2006
Tripoli				
Feas study for the works of the sea outfall of Tripoli WW treat plant	c	18,552		May/2005
Saida				
Sewerage extensions for Saida coastal area wastewater project	w	16,787,510	JAPAN	Jul/2006
Supervision of sewerage extension for Saida coastal area wastewater project	c	640,050	JAPAN	Oct/2006
Supervision of sewerage extension for Saida coastal area wastewater project	c	394,685	JAPAN	Oct/2006
Chouf coastal area				
Hydrocarbures Works For Ras El Nabi Younes Waste Water	w	244,040		Oct/2006
Sector Totals		27,446,518		

Waste water Contracts in preparation

	Progress Status		Estimated Amount	Funding Source	Indicative start date
Coastal pollution control program					
Waste water systems in other coastal urban areas					
Construction of main sewer lines in regions of Bchamoun - Qabrhmoun - Ainab - Aitat - Shemlan - Souq El Gharb - Mayfoun - Bemkin - Kayfoun - Haret Elkobeh - Rouwaysat el adass	w		12,000,000	Local	Apr/2008
Construction of sewer Network & WWTP for Sarafand Region	w		33,000,000	Local	Apr/2008
Water resources protection program					
Mohafaza of Nabatieh					
Construction of WWTP & sewer network for Bint Jbeil & surrounding villages	w		7,500,000	Italian-Prot	May/2007
Bekaa- Protection of Litani River & Karoun Lake					
Construction of WWTP & sewer network for Rachaia & surrounding villages	w		5,500,000	Local	Oct/2008
Technical Assistance					
Water resources protection program					
Bekaa- Protection of Litani River & Karoun Lake					
Technical assistance to Zahle Municipality	Design Phase	c	1,634,000	Italian-Prot	Dec/2006
Capital Investment					
Coastal pollution control program					
Waste water systems in main coastal cities					
Construction of Ghadir wastewatersecondary treatment plant- second phase	Design Phase	w	52,000,000	IDB, OFID, GERMANY	Aug/2007
Construction of Dora wastewater treatment plant and networks on Dora basin	Tendering Phase	w	76,032,000	EIB	May/2009
Construction of wastewater treatment plant and wastewater networks for Kasrwan coastal region	Design Phase	w	84,000,000		May/2008
Construction of Tripoli sea outfall	Design Phase	w	8,800,000	EIB	Feb/2007
Construction of Sour Wastewater treatment plant networks	Design Phase	w	54,000,000	EIB	Aug/2007
Training of Ghadir River and Construction of Major utilities	Awaiting funding	w	20,500,000		Apr/2007
Construction of main storm water & sewer line on Beirut City	Project identification	w	75,000,000	Local	Apr/2009
Construction of main sewer lines in Dora basin (Beirut River- Qortada- Moltaki nahrain. (line 15)	Project identification	w	6,000,000	Local	Aug/2008
Construction of Saida Secondary Treatment Plant	Awaiting funding	w	8,000,000	JAPAN	May/2008
Repair of Ghadir Plant sea outfall and other miscellaneous works	Design Phase	w	716,000		Mar/2007
Construction of sewer network in tripoli city - Qalamoun - Tripoli Section	Design Phase	w	6,750,000	EIB	Jul/2008
Construction of sewer network & infrasctruction of Tripoli City - Phase I	Design Phase	w	43,210,000	IDB	Nov/2007
Waste water systems in other coastal urban areas					
Construction of sewer networks for Jbeil coastal region (related to Jbeil wastewater treatment plant)	Design Phase	w	8,700,000	Italian-Prot	Sep/2007
Construction of sewer networks for Shouf coastal region (related to Ras Nabi-Younes wastewater treatment plant).	Design Phase	w	14,000,000	AFESD	Apr/2007
Construction of sewer networks for Chekka region (related to Chekka wastewater treatment plant)	Design Phase	w	8,000,000	FRANCE-AFD	Apr/2007
Construction of sewer networks & wastewater treatment plant in Abdeh	Awaiting funding	w	25,250,000	AFESD	Jul/2007
Construction of sewer networks for Batroun Coastal region (related to Batroun wastewater treatment plant)	Design Phase	w	9,000,000	FRANCE-AFD	Apr/2007

Waste water Contracts in preparation

	Progress Status		Estimated Amount	Funding Source	Indicative start date
Coastal pollution control program					
Waste water systems in other coastal urban areas					
Construction of main sewer lines in regions of Bchamoun - Qabrhmoun - Ainab - Aitat - Shemlan - Souq El Gharb - Mayfoun - Bemkin - Kayfoun - Haret Elkobeh - Rouwaysat el adass	w		12,000,000	Local	Apr/2008
Construction of sewer Network & WWTP for Sarafand Region	w		33,000,000	Local	Apr/2008
Water resources protection program					
Mohafaza of Nabatieh					
Construction of WWTP & sewer network for Bint Jbeil & surrounding villages	w		7,500,000	Italian-Prot	May/2007
Bekaa- Protection of Litani River & Karoun Lake					
Construction of WWTP & sewer network for Rachaia & surrounding villages	w		5,500,000	Local	Oct/2008
Technical Assistance					
Water resources protection program					
Bekaa- Protection of Litani River & Karoun Lake					
Technical assistance to Zahle Municipality	Design Phase	c	1,634,000	Italian-Prot	Dec/2006
Capital Investment					
Coastal pollution control program					
Waste water systems in main coastal cities					
Construction of Ghadir wastewatersecondary treatment plant- second phase	Design Phase	w	52,000,000	IDB, OFID, GERMANY	Aug/2007
Construction of Dora wastewater treatment plant and networks on Dora basin	Tendering Phase	w	76,032,000	EIB	May/2009
Construction of wastewater treatment plant and wastewater networks for Kasrwan coastal region	Design Phase	w	84,000,000		May/2008
Construction of Tripoli sea outfall	Design Phase	w	8,800,000	EIB	Feb/2007
Construction of Sour Wastewater treatment plant networks	Design Phase	w	54,000,000	EIB	Aug/2007
Training of Ghadir River and Construction of Major utilities	Awaiting funding	w	20,500,000		Apr/2007
Construction of main storm water & sewer line on Beirut City	Project identification	w	75,000,000	Local	Apr/2009
Construction of main sewer lines in Dora basin (Beirut River- Qortada-Moltaki nahrain. (line 15)	Project identification	w	6,000,000	Local	Aug/2008
Construction of Saida Secondary Treatment Plant	Awaiting funding	w	8,000,000	JAPAN	May/2008
Repair of Ghadir Plant sea outfall and other miscellaneous works	Design Phase	w	716,000		Mar/2007
Construction of sewer network in tripoli city - Qalamoun - Tripoli Section	Design Phase	w	6,750,000	EIB	Jul/2008
Construction of sewer network & infrasctruction of Tripoli City - Phase I	Design Phase	w	43,210,000	IDB	Nov/2007
Waste water systems in other coastal urban areas					
Construction of sewer networks for Jbeil coastal region (related to Jbeil wastewater treatment plant	Design Phase	w	8,700,000	Italian-Prot	Sep/2007
Construction of sewer networks for Shouf coastal region (related to Ras Nabi-Younes wastewater treatment plant).	Design Phase	w	14,000,000	AFESD	Apr/2007
Construction of sewer networks for Chekka region (related to Chekka wastewater treatment plant)	Design Phase	w	8,000,000	FRANCE-AFD	Apr/2007
Construction of sewer networks & wastewater treatment plant in Abdeh	Awaiting funding	w	25,250,000	AFESD	Jul/2007
Construction of sewer networks for Batroun Coasteal region (related to Batroun wastewater treatment plant)	Design Phase	w	9,000,000	FRANCE-AFD	Apr/2007

Waste water Contracts in preparation (Cont'd)

	Progress Status		Estimated Amount	Funding Source	Indicative start date
Construction of WWTP & sewer network for region of Yohmor, Zawtar, and Kafar Sir	Design Phase	w	10,500,000	EU	Aug/2007
Bekaa- Protection of Litani River & Karoun Lake					
Construction of a Wastewater treatment plant and related sewer network for Hermel and neighboring villages	Tendering Phase	w	10,500,000	Italian-Prot	May/2007
Construction of a Wastewater treatment plant and sewer networks for Anjar, Majdal Anjar, bar elias, chtaura, mreijat and neighboring villages	Design Phase	w	20,000,000	Italian-Prot	May/2007
Construction of a Wastewater treatment plant and sewer networks for Qaroun and neighboring villages	Design Phase	w	4,500,000	Italian-Prot	May/2007
Operation and Maintenance of Baalbeck wastewater treatment plant & sewer network	Design Phase	c	4,821,116	IBRD	Nov/2006
Construction of Labwe wastewater treatment plant & related sewer network	Design Phase	w	4,559,625	Iranian-Prot	Feb/2007
Construction of wastewater collection & treatment systems for the region North of Zahle & South of Baalbeck	Design Phase	w	10,000,000	AFESD	Jul/2007
Studies and Tender documents for additional works for Baalbeck waste water treatment plant	Project identification	c	700,000	IBRD	Jun/2008
Sector Totals			851,962,741		

Solid Waste



The Council of Ministers initially approved the plan proposed by CDR for the management of household solid waste, pursuant to its decision No.1 dated 28/6/2006, on the following bases:

- a) Approval of proposed dump sites in the North (the North and Akkar governorates) and Bekaa (Bekaa and Baalbeck - Hermel governorates).
- b) Replacement of the Basfour Farm site in the South (the South and Nabatieh governorates) with another site in the same region to be selected in consultation with the concerned municipal councils.
- c) Approval of the concept of establishing two dump sites in Beirut and Mount Lebanon (Beirut and Mount Lebanon governorates), one in Iqlim Al -Kharoub and another in Jbeil Caza. Solid waste will be treated in equal proportions in both sites.

The above Council of Minister's decision also included the preliminary approval of the required expropriations for implementing the proposed plan. CDR was assigned to prepare the related tender document,

including:

- a) Contracting a private independent company to manage and follow up this file and to ensure implementation of environmental and health conditions.
- b) Ensuring the contractor's compliance with all environmental conditions related to technical control through periodical publications covering the environmental components of soil, water and air surrounding and far from the landfills.
- c) To provide incentives to concerned municipalities.

Regarding the Naameh landfill, the Council of Ministers agreed to the following:

1 - Expropriation of about 25,000 m² for expansion of the existing landfill in order to ensure its continued use until the alternate landfill covered in the Household Solid Waste Management Plan (SWEMP) is ready.

2 - Implementing the previous decisions taken by the Council of Ministers concerning Naameh sanitary landfill and compensation of its municipality and its neighborhood, according to the provisions of these decisions, in particular Decision No. 27 dated 11/7/ 2002 (Second Article), Decision No. 51 dated 16/10/2002 followed by Decree No. 9093 dated 15/11/2002 (Amendment of Decree No. 1917 dated 6/4/1979 related to determining the bases and rules for allocating the Autonomous Municipalities Fund) and Decision No. 16 of 18/4/2003 (Article d thereof).



Rehabilitation of Tripoli dumpsite.



Land cover and vegetation for Zahle landfill.

CDR is working currently, in coordination with the Ministry of Environment, on the implementation of above Council of Ministers decision, including the preparation of tender documents, awarding the solid waste treatment and landfill projects, in addition to initiating the environmental impact assessment of proposed sites and the studies related to rehabilitation of uncontrolled dumpsites and improvement of treatment operation, as well as awareness campaigns to reduce waste and promote sorting at source,.

Comprehensive Plan of Solid Waste Management:

This plan is based on the following principles:

1 - Recycling and composting to the greatest extent in order to reduce the quantity of dumped waste; and distribution of recycling, sorting and composting plants on all cazas, with one or more sanitary landfill in each service area.

2 - For this purpose, Lebanon shall be divided into four service areas:

- The North and Akkar governorates
- The Beka'a and Baalbeck

governorates

- The South and Nabatieh governorates
- Mount Lebanon and Beirut governorates

3 - To provide incentives to municipalities whose lands will be used for sorting stations, composting plants, sanitary landfills or incinerator centers. These municipalities will be paid a certain amount per every ton of solid waste, in accordance with the remunerations proposed in the plan and within the framework of laws and decrees that will be issued in this respect.

4 - Sweeping, collection and transport of waste to sorting stations and composting plants shall be handled by the municipalities at their own expense.

5 - The contractor shall be responsible for financing the relevant study, executing and preparing the sanitary landfills, incinerator centers, sorting stations and composting plants. The contractor shall also be charged with the management of these facilities for ten years on the basis of a certain fee per each ton of transported and treated

waste

• Additional Proposals

These proposals include two options:

• First option:

This option recommends construction of sanitary landfills, sorting stations and composting plants in all Lebanese regions.

According to this option:

1 - One or more sanitary landfills will be provided in every service area, as needed.

2 - A sorting station and composting plant will be provided in each caza and the final residue will be transported to the landfill in the related service area, or to the governorate in which the caza is situated.

3 - The high quality fertilizer produced from the composting process will be used for agricultural purposes. The low quality fertilizer will be used for rehabilitation of stone quarries and crushing plant sites and forestation.

4 - During the first year of operation, the contractor shall launch, at his own expense, awareness campaigns to encourage sorting at source and using

the produced organic fertilizer in agriculture. At the same time, ministries, municipalities and other concerned parties should conduct complementary awareness campaigns.

• Second option

This involves installation of household solid waste incinerators in the governorates of Beirut, Mount Lebanon and the North. At the same time, sanitary landfills, sorting stations and composting plants will be constructed in the remaining governorates and in part of the North.

According to this option:

- 1 - One or more incinerators will be provided for each service area in the governorates of Beirut, Mount Lebanon and the North.
- 2 - One or more sanitary landfills will be provided for every service area in the governorates of the South, Nabatieh, Beka'a, Baalbeck-Hermel and Akkar.
- 3 - A sorting station and treatment plant will be built in every caza of the governorates of Mount Lebanon and the North, and the final residue will be transported to incinerator centers located within the service area or the governorate in which the caza is situated.
- 4 - Each caza in the Governorates of the South, Nabatieh, Beka'a, Baalbeck-Hermel and Akkar will be provided with a sorting station and composting plant and the final residue will be transported to the sanitary landfill located within the service area or governorate in which the caza is situated (as stated in the first proposal).

In case incineration in the governorates of Beirut, Mount

Lebanon and part of the North is not approved, the first proposal shall remain valid unless otherwise specified.

• **Remarks**

- Anaerobic treatment plants located in the sea backfill on Saida coast shall be included within the framework of the plan (in accordance with terms of the contract signed between IBC and Saida municipality). In case it proves impossible for this plant to accommodate the wastes produced by Saida, Jezzine and Nabatieh cazas, then the Basfour landfill will be used, after adding a sorting station and treatment plant.

Any municipality may build a sorting station and composting plant, provided that these works comply or do not contradict with the general conditions laid out in this plan and the related study is approved by the Ministry of Environment.

- Burj Hammoud and Saida dumpsites shall be rehabilitated and transformed into public facilities or public parks; CDR should designate a consultancy bureau to prepare a detailed study and submit a report about the proper ways to deal with these two dumpsites.

- Sorted waste may be processed to produce Refuse Derived Fuel (RDF), known for its high combustibility. This fuel may be used in industry, particularly in cement production.

- Organic fertilizers resulting from the composting process will be used in agriculture and forestation, backfilling of quarries and stone crushing plants, public parks, roadsides, woods and natural reserves, according to locally and internationally recognized environmental standards.

- International environmental

standards and Stockholm Convention provisions covering stabilized organic pollutants shall be followed in the proposed plan.

Achievements to date

Urgent plan for the treatment of solid waste in Greater Beirut: Following closure of the Bourj Hammoud dumpsite in January 1997, the government decided to implement an urgent plan for the treatment of solid waste in Greater Beirut. A contract was signed with SUKOMI to expand and raise the capacity of the Amrousieh and Qarantina solid waste treatment plants, upgrade the sorting process, separate recyclable material and extract compost material. This plan also included construction of sanitary landfills for Greater Beirut and its suburbs. Two sanitary landfills were established in Na'meh and Bsalim. Both are currently in operation.

Rehabilitation of Tripoli dumpsite: The uncontrolled dumpsite on Tripoli seacoast has been rehabilitated. A sea wall was constructed around it to reduce environmental risks. Equipment for operating the dumpsite was procured to upgrade solid waste management in Tripoli region. The dumpsite has been in operation since 1998.

Construction of Zahleh sanitary landfill: The new sanitary landfill serving Zahleh caza is complete and the required vehicles and equipment for its operation have been procured. The works and procurements were financed by the World Bank. This dumpsite has been in operation since 2001.

Procurement of waste collection equipment for various regions: Within the framework of the urgent

Solid Waste Sector overview

		Contracts awarded from January 1992 to December 2006						
		Total		completed		in progress		
		*No	Amount	*No	Amount	*No	Amount	prog
Technical assistance		11	3.5	11	3.5			
Planning and policy studies								
Damage assessment: solid waste	c	2	0.3	2	0.3			
Upgrade master plan	c	1	0.2	1	0.2			
Tender Documents for implementation	c	2	1.0	2	1.0			
Composting feasibility study	c	1	0.1	1	0.1			
Hospital waste treatment	c	1	0.2	1	0.2			
Technical Assistance for Major Sites SWEMP Project	c	4	1.6	4	1.6			
Capital investment		60	597.1	52	61.9	8	535.1	89%
Collection vehicles and equipment								
Collection vehicles and equipment	w	5	7.3	5	7.3			
Disposal plants								
Qarantina and Amroussieh plants rehabilitation	w							
Rehabilitate Qarantina compost plant	c	1	0.4	1	0.4			
	w	2	7.6	2	7.6			
Commission Amroussieh incinerator	c	2	0.1	2	0.1			
	w	2	2.4	2	2.4			
Disposal sites								
Major disposal sites	c	14	19.1	11	4.9	3	14.2	86%
	w	1	220.0			1	220.0	90%
Sanitise other sites	c	1	0.2	1	0.2			
	w	1	0.1	1	0.1			
Tripoli solid waste treatment	c	2	1.2	1	0.1	1	1.1	80%
	w	4	2.2	4	2.2			
Solid waste treatment at Baalbek and Zahle	c	1	0.1			1	0.1	90%
	w	2	1.4	2	1.4			
Solid waste treatment emergency programme	c	17	14.4	16	0.8	1	13.6	88%
	w	2	320.2	1	34.2	1	286.1	88%
Remediation and Rehabilitation of old dumps								
Remediation of old dumps	c	2	0.1	2	0.1			
	w	1	0.2	1	0.2			
Operation and maintenance		16	411.3	13	50.2	3	361.1	86%
Garbage collection								
Garbage collection: Greater Beirut	c	1	7.3		0.1	1	7.2	86%
	w	1	352.7	1	24.2		328.4	86%
Garbage collection: Chouf	w	1	2.7	1	2.7			
Garbage collection in Baalbek & Zahle	w	5	4.1	5	4.1			
Garbage collection: Tripoli area	w	4	23.1	3	1.2	1	22.0	80%
Operation of disposal facilities								
Operation of Amroussieh incinerator	w	1	12.4	1	12.4			
Operation of Qarantina compost plant	c	1		1				
	w	1	5.4	1	5.4			
Operation and maintenance - general	w	1	3.6		0.1	1	3.5	80%
Sector Totals		87	1,011.8	76	115.6	11	896.2	87%

program, the World Bank funded procurement of waste collection equipment, including vehicles, street sweeping equipment and special containers. These were distributed on all Lebanese regions. In the second phase of this project, the World Bank funded, within the framework of SWEMP, procurement of waste collection and street sweeping equipment for the areas where sanitary landfills were built or uncontrolled dumpsites were rehabilitated, such as Beirut, Zahleh and Tripoli.

Hospital waste treatment: The study related to hospital waste treatment, funded by the World Bank, was awarded to ERM in 1998. Several phases of the study are completed. This has allowed concerned parties to take the decisions concerning the most appropriate means for hospital waste treatment. The Ministries of Environment and Public Health, together with CDR, have decided to build a central incinerator which complies with international standards and operates at a temperature of 1200°C minimum, as a possible means of hospital waste treatment. The environmental impact assessment and the design study have not been prepared because the appropriate construction site is not known yet.

Marketing of compost and recyclable

material: The feasibility study for marketing organic compost and recyclable materials generated by the Quarantina, Amroussieh and other treatment plants was completed by ARCADIS/ EUROCONSULT in December 2003. The study was financed by the World Bank within the framework of SWEMP.

Financial audit of funds due to SUKLEEN and SUKOMI: According to the Council of Minister's Decision No. 16 dated 14/8/2003 concerning the launching of an international tender for constructing and operating the solid waste treatment plants and landfills for a period of ten years, and in order to ensure success of this tender, CDR was assigned to audit the amounts due to SUKLEEN and SUKOMI. The audit contract was awarded on 18/9/2003 to PriceWaterhouseCoopers.

Technical Assistance for identification of treatment plant and landfill locations and preparation of environmental impact assessment: To implement the Council of Minister's directives concerning identification of treatment plant and landfill locations, CDR awarded the impact assessment to Consultant Rafic Khoury during the third quarter of 2003. The Consultant prepared the environmental impact assessment of the locations identified by the technical committees

commissioned with this task.

Projects in Progress

Operation contracts: CDR signed a contract with SUKLEEN for the collection of household solid waste and street sweeping in Greater Beirut and some areas of Mount Lebanon. Two contracts were also signed with SUKOMI for operation of the Amroussieh and Quarantina solid waste treatment plants and the Coral composting plant, as well as the construction and operation of Naamah and Bsalim sanitary landfills. Currently, CDR is commissioned to launch a new international tender for solid waste treatment and landfills, provided that contracts with SUKOMI are terminated within the periods specified in the agreements, and that such termination does not occur before the new contractor(s) takes over.

Works are currently progressing within the framework of the urgent plan for Greater Beirut. After fully utilizing cells (1) and (2) of the Naameh sanitary landfill site, which cover an area of 120,000 m² with a combined capacity of two million tons of waste, an additional area of 62,000 m² was prepared for a new cell (3). The latter is currently being used as a sanitary landfill for the solid waste produced by Greater Beirut and some

Solid Waste contracts awarded in 2006

		Contract amount (in USD)	External funding	Start Date
Capital investment		196,375		
Disposal sites				
Provide major disposal sites				
Selection of alternative sites for Beirut, Mount Leb, North Leb & Akkar	c	63,000		Jun/2006
Emergency plan				
Audit of the invoices for Averda Group & Laceyco	c	133,375		Apr/2006
Sector Totals		196,375		

areas in Mount Lebanon. Due to the necessity of continuing to use this sanitary landfill until the alternative location designated in the SWEMP project is ready for use, the Council of Ministers approved, under Decision No. of 28/6/2006, the expropriation of an additional area of about 25,000 m² for expanding this landfill.

With regard to the SUKLEEN contract for solid waste collection and street sweeping in Greater Beirut, which was expected to expire on 31st December 2000, Addendum No. 5 extended this contract until the Minister of the Interior and Municipalities decides to terminate it.

Operation of Tripoli dumpsite:

Following an international invitation to tender launched in 1999, CDR signed a contract with BATCO for the operation of Tripoli dumpsite. This contract, which is renewable annually, is financed by the Al-Fayha Union of Municipalities. The contract aims to treat solid waste by using appropriate sanitary dumping methods, extraction of generated gas and incineration. In this connection, the Council of Ministers issued Decision No. 28, dated 17/7/2003, directing CDR to prepare a study for expanding Tripoli dumpsite and extending the period of its use. After submitting to the Council of Ministers the study prepared by Dar al Handassa (Nazih Taleb) related to construction of a sorting and composting plant on plots No. 812,815 and 1123 adjacent to the dumpsite (total area of around 13000 m²) and expansion of dumpsite capacity by constructing a 9-10m high Gabion reinforced wall around its perimeter in order to be able to fill the spaces between this wall and the present dumpsite, the Council of Ministers approved, in its Decision

No. 41 dated 18/2/2005, to include within the 2005 general budget and its annexes a draft of a law for projects amounting to US\$ 12 million, distributed over five years, to cover the cost of expanding and operating the sanitary dumpsite.

Operation of Zahleh landfill: In December 2001, CDR signed a contract with SERDIM/SCS to operate the new sanitary landfill in Zahleh and to transfer the contents of the old uncontrolled dumpsite to the new landfill. The two-year contract was financed by the World Bank within the framework of SWEMP. Upon expiry, the Council of Ministers agreed in its Decision No. 70 dated 12/2/2004, to extend the operation and supervision contract of Zahleh landfill for three additional years ending on 31/12/2006, funded out of the general budget. Renewal of the supervision and operation contract is expected until the new contractors are assigned to implement SWEMP plan throughout the Lebanese territories, according to the Council of Ministers Decision No. 1 dated 28/6/2006/

Normandy dumpsite: The Normandy uncontrolled dumpsite on the seashore is located within the scope of Beirut Central District (BCD) reconstruction and development plan awarded by the government to Solidere. The project includes sorting and treating of existing waste and recovery of suitable materials to be used for back-filling a reclaimed area. The project cost amounts to US\$ 61 million, including supervision costs. The technical consultant has been appointed to supervise this project. It should be noted that 80% of the works are complete while the remaining 20% are suspended at present awaiting the results of negotiations

and arbitration between Solidere and the contractor. The current work plan will be directed to studying and rehabilitating the reclaimed areas in preparation for the design and implementation of infrastructure works. The dumpsite treatment project is expected to be completed within three years, including the infrastructure studies and designs.

Preparing tender documents for solid waste collection, sweeping, treatment and landfills for a period of ten years in all Lebanese regions: CDR signed a contract on 3/10/2003 with Fichtner Consultants to provide consultancy services for this project. The Lebanese regions were divided into four service areas (Beirut and Mount Lebanon, the North and Akkar, the South and Nabatiyeh, Beka'a and Baalbeck-Hermel). After completing the tender documents in November 2003, and issuing the Council of Ministers Decision No. 68, dated 20/5/2004, the basic tender documents were amended to cover new instructions that require contractors to include in their offers the methods and means adopted for disposing of solid waste. At that time, the Ministries of Environment and the Interior and Municipalities had some comments on the Tender Terms and Conditions. Following the issue of the Council of Ministers Decision No. 1, dated 28/6/2006, and the approval of CDR's proposed plan (June 2006) for management of household solid waste, CDR is now preparing the final copy of the tender documents for launching the tender.

Projects under Preparation

Awarding the contracts for construction and operation of waste treatment plants and sanitary landfills in all regions: In response to the

Council of Ministers decisions commissioning CDR to launch an international tender for the construction and operation of treatment plants and sanitary landfills in all Lebanese regions, CDR shall award these contracts based on the tender documents prepared by FICHTNER Consultants. The

Council of Ministers specified that these contracts shall be valid for ten years. Lebanon was divided into four service areas for this purpose, as mentioned above. The invitation to tender is expected to be launched during the fourth quarter of 2007.

Awarding the contracts for the

supervision of construction and operation of treatment and sanitary landfill sites: The contracts for the construction and operation of treatment plants and sanitary landfills in all Lebanese regions are expected to be awarded simultaneously with the related supervision contracts.

Solid waste Contracts in preparation

	Progress Status		Estimated Amount	Funding Source	Indicative start date
Technical Assistance					
Construction and operation of waste treatment plants and dumping sites					
Mohafaza of North Lebanon					
Supervision of Construction & Operating of Treatment & Sanitary landfilling Centers in North Lebanon of Akkar (3 years)	Design Phase	c	1,971,000	Local	Jul/2007
Feasibility Study for Dumps Rehabilitation in North Lebanon of Akkar	Project identification	c	75,000	Local	Feb/2008
Technical Assistance for Awareness Campain	Project identification	c	100,000	Local	Jun/2009
Mohafaza of Beirut & Mohafaza of Mount Lebanon					
Supervision of Construction & operation of treatment & sanitary landfilling Centers in Beirut and Mount Lebanon (3 years)	Design Phase	c	7,227,000	Local	Jul/2007
Feasibility Study & Design for Extraction of generated gas process for Bourj Hammoud & Na'meh for Power generating	Project identification	c	200,000	Local	Feb/2008
Technical Assistance for Awareness Campain	Project identification	c	200,000	Local	Jun/2009
Mohafaza of South Lebanon					
Supervision of Construction & Operation of treatment & sanitary landfilling Centers in South & Nabatieh (3 years)	Design Phase	c	1,103,760	Local	Jul/2007
Feasibility study for Dumps rehabilitation in South Nabatieh	Project identification	c	200,000	Local	Feb/2008
Technical Assistance for awareness campain	Project identification	c	100,000	Local	Jun/2009
Mohafaza of the Bekaa					
Supervision of construction & operation of treatment & sanitary landfilling Centers in Bekaa of Baalbeck El-Hermel	Design Phase	c	1,116,900	Local	Jul/2007
Feasibility Study & Rehabilitation of El-Kayal Dump & El-Hermel Dump	Project identification	c	50,000	Local	Feb/2008
Technicalo Assistance for awareness Campain	Project identification	c	75,000	Local	Jun/2009
Capital Investment/ Operation					
Construction and operation of waste treatment plants and dumping sites					
Mohafaza of North Lebanon					
Construction & Operation of Treatment & Sanitary landfilling Centers in North Lebanon of Akkar (3 years)	Design Phase	w	49,275,000	Local	Jul/2007
Mohafaza of Beirut & Mohafaza of Mount Lebanon					
Construction & Operation of treatment & sanitary landfilling Centers in Beirut and Mount Lebanon (3 years)	Design Phase	w	180,675,000	Local	Jul/2007
Mohafaza of South Lebanon					
Construction & Operation of Treatment & Sanitary landfilling Centers in South & Nabatieh (3 years)	Design Phase	w	27,594,000	Local	Jul/2007
Mohafaza of the Bekaa					
Construction & Operation of treatment & Sanitary landfilling Centers in Bekaa & Baalbeck El-Hermel (3 years)	Design Phase	w	27,922,500	Local	Jul/2007
Sector Totals			297,885,160		

Agriculture and Irrigation



The total value of contracts signed since 1992 in the agriculture and irrigation sector amounted to about US\$ 120 million. CDR has now prepared an agricultural plan aiming at implementing projects within the framework of the development programs for the sector. These programs take into consideration all economic, rural and environmental aspects based on the land use master plan that developed by the CDR in collaboration with the Directorate General for Urban Planning (DGU) and in light of the government's general policy focusing on rationalizing public expenditure and benefiting from previous investments.

Based on that, an integrated development plan was prepared. It included the execution of programs aiming at a better management of natural resources mainly the water,

and a provision of a legislative and institutional framework which fit a modern agriculture. A participative approach was adopted it implies the participation of the private sector represented by cooperatives syndicates, NGO's water users associations in managing the sector for upgrading the agriculture production, increasing its competitiveness and insure its commercialization.

The July 2006 Israeli war has negatively affected all economic sectors including Agriculture: Losses were valued to be 280M USD. This situation has imposed a heavy burden on all people working in this sector and who already face problems marketing their products.

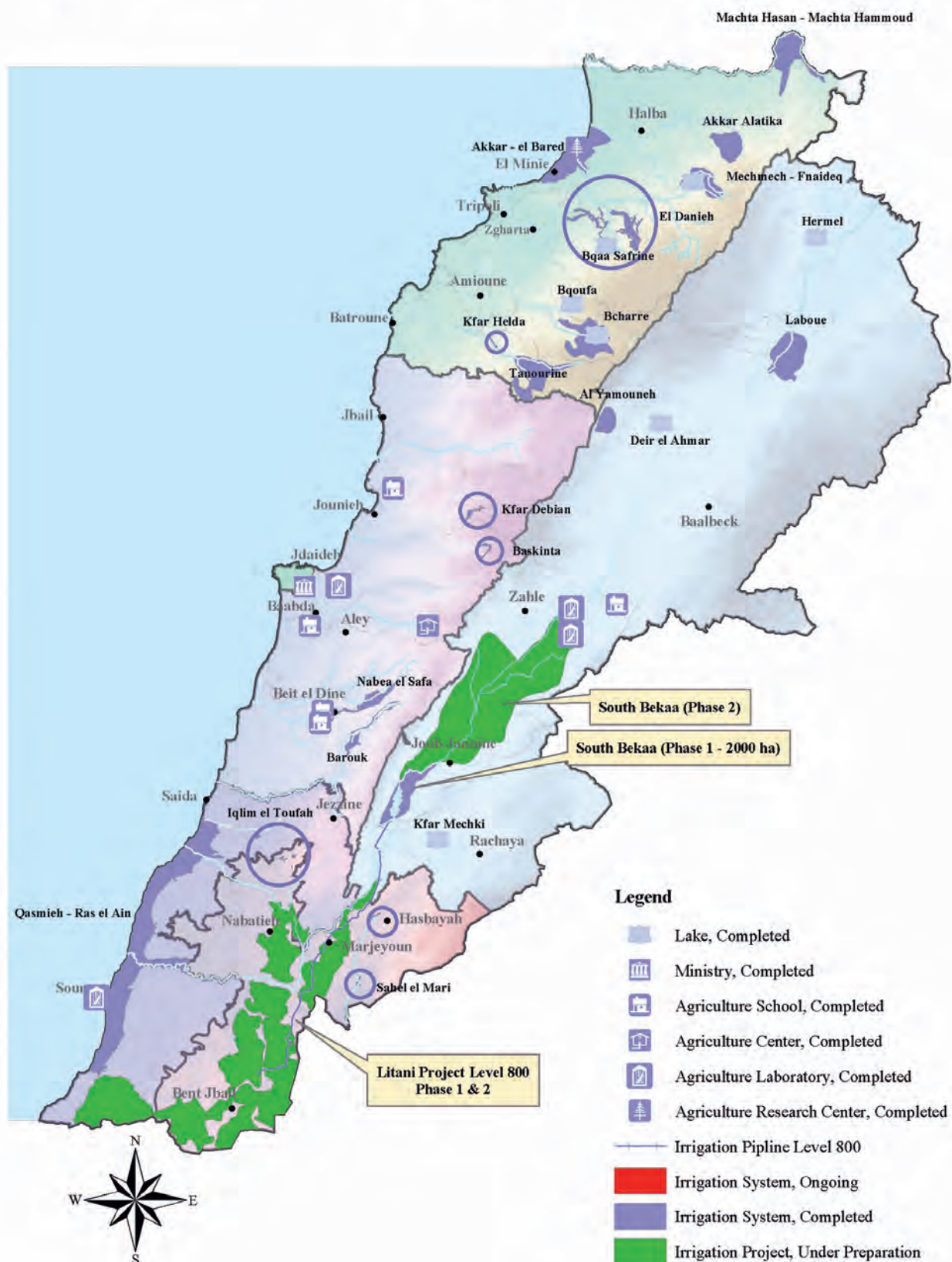
Achievements to Date

Institutional support: This component covers all activities



Deir El Ahmar Tleyeh lake

Agriculture & Irrigation Completed, Ongoing & Under Preparation Projects





Talia lake in Hermel.

related to provision of technical assistance (studies, services, training, workshops, etc.) in addition to procurement of equipment for ministries and public organizations involved in implementing projects in this sector.

In this respect all activities foreseen in the project for development of the region of Baalbeck-Hermel for the third year, and financed by the Italian protocol, have been accomplished. The main objective of this project was to assist the farmer in adopting the modern irrigation techniques.

Projects in Progress

Institutional support: Work on the agricultural census project is continuing at the Ministry of Agriculture through an annex to the contract signed with FAO. This contract provides technical support to the ministry until March 2007 during which the ministry should be able to take over the achievements of completed projects and benefit from their results.

In addition, the Agricultural Research Institute (ARIL) implementing the second phase of

the scheme for propagating agricultural disease-free certified plants (financed by the Italian Protocol). This is supervised by the coordination committee under the Minister of Agriculture.

Works: All tender documents related to the implementation of Phase I of Hydro-Agriculture Development of South Lebanon (Canal 800) partially financed by the Koweit and Arab Funds are now completed. The bid has been launched, and signature of the related contract is expected by the end of 2007.

Projects Under Preparation

Institutional support: Within the framework of the production of olives and olive oil, a supportive scheme of around (2.5 million euros grant) that is funded by the Italian government is under preparation. This is done in coordination with the Ministry of Agriculture.

In addition, the proposal for establishing the National Observatory of Agricultural Development is under preparation. This project aims to make use of agricultural statistics and employ them for economic development projects in all regions, based on the established agricultural strategy.

Efforts are ongoing to secure external funding for implementing the second phase of West Beka'a irrigation scheme that covers 6600 hectares of arable land.

Agriculture Sector overview

		Contracts awarded from January 1992 to December 2006					
		Total		completed		in progress	
		*No	Amount	*No	Amount	*No	Amount prog
Technical assistance		101	14.4	95	9.9	6	4.5 61%
Institutional development							
Strengthening Min of Agriculture	c	76	3.7	76	3.7		
	w	7	0.5	7	0.5		
Planning and policy studies							
Agricultural sector studies and surveys	c	2	6.1	2	3.5		2.6 67%
Agriculture Development Project	c	1	1.2	1	1.2		
	c	12	2.0	6	0.1	6	1.9 54%
UN-Assisted Projects	c	3	0.9	3	0.9		
Capital investment		31	7.5	26	5.6	5	1.9 89%
General investment							
Rehabilitation of Ministry of Agriculture	w	2	0.8	2	0.8		
Rehabilitation of rural centres and schools							
Rehabilitation of agricultural schools	c	2	0.2	2	0.2		
	w	2	2.6	2	2.6		
Rehab agricultural research stations and extension services	c	2		2			
	w	16	1.6	16	1.6		
Agricultural Land Reclamation							
Land reclamation	c	1	0.4	1	0.4		
Provision of lacs collinaires for irrigation purposes	c	3	0.2	1		2	0.2 77%
	w	3	1.7			3	1.7 90%
Sector Totals		132	21.9	121	15.6	11	6.4 69%

Irrigation Sector overview

		Contracts awarded from January 1992 to December 2006					
		Total		completed		in progress	
		*No	Amount	*No	Amount	*No	Amount prog
Technical assistance		23	1.8	23	1.8		
Rehabilitation of the irrigation sector							
TA to MHER	c	11	0.9	11	0.9		
Institutional development							
Equipment for MHER and water authorities	w	12	0.9	12	0.9		
Capital investment		47	86.4	46	71.6	1	14.8 40%
Rehabilitation of irrigation schemes							
Qasmieh Ras el Ain irrigation	c	4	1.0	4	1.0		
	w	1	8.1	1	8.1		
Yammouneh irrigation rehab	c	4	1.3	4	1.3		
	w	1	7.5	1	7.5		
Danniye irrig rehab	c	5	1.2	5	1.2		
	w	2	7.7	2	7.7		
Akkar el Bared irrigation rehab	c	3	0.4	3	0.4		
	w	1	2.9	1	2.9		
South Bekaa irrign rehab	c	9	2.6	9	2.6		
	w	1	16.0	1	16.0		
Small and medium irrigation schemes rehab	c	8	3.1	8	3.1		
	w	4	19.7	4	19.7		
Development of irrigation schemes							
S Lebanon irrign rehab (Litani)	c	4	14.8	3	0.1	1	14.8 40%
Sector Totals		70	88.2	69	73.4	1	14.8 40%



Tall Amara archeological Laboratory.

Agriculture & Irrigation

Contracts in preparation

			Progress Status	Estimated Amount	Funding Source	Indicative start date
Capital Investment						
Agro - economic projects						
Support of industrial agriculture (Olive and olive oil production)	Design Phase	w	3,400,000	Italian-Prot	Jul/2007	
Small and Medium scale irrigation schemes						
Construction of Networks associated with hill lakes	Design Phase	w	624,000			
Large scale irrigation schemes						
Hydro Agricultural development of South Lebanon Irrigation & Water Supply Scheme, Conveyor 800 (Yohmor Tunnel, main conveyor, secondary conveyors and pumping stations)	Design Phase	w	240,000,000	AFESD, KFAED	Aug/2007	
Hydro Agricultural Development of South Lebanon, Irrigation & Water Supply Scheme , conveyor 800 (Operation & Control Scada system)	Design Phase	w	2,242,000	Local	Sep/2008	
Rehabilitation of South Bekaa (Phase II)	Award of Contract	w	54,000,000			
Rehab of damaged irrigation infrastructure						
Quasmieh Irrigation Project (works and Supervision)	Design Phase	w	800,000	Local	Apr/2008	
South Bekaa Irrigation Project (works and supervision)	Design Phase	w	850,000	Local	Apr/2008	
karaoun Dam (works and supervision)	Design Phase	w	150,000	Local	Apr/2008	
Sector Totals			302,066,000			

Ports and Airport



Ports

The total value of contracts awarded by CDR in the ports sector amounted to about US\$ 7 million. However, other major contracts awarded for the development of Beirut and Tripoli ports, financed through foreign loans, were supervised by the relevant port administrations. The total value of the latter contracts amounted to about US\$ 175 million and most of their works are complete. The government will concentrate its efforts during the next phase on developing and extending Tripoli Port to create a maritime outlet for transit shipments to Iraq.

Achievements to Date

Rehabilitation and extension of Beirut Port: This project comprised the dredging and rehabilitation of Basins No. 1, 2 and 3, and the completion of Basin No. 4 to be used

as a container terminal, in addition to completion of the related breakwater. The contract was awarded to the Entrecanales/Cubiertas joint venture and work started in early 1997. Beirut Port Authority received technical assistance covering overall supervision of the design from Marseille Port Authority, while supervision of the works was provided by Dar al Handassah (Shair & Partners). The cost of the project amounted to US\$ 91.1 million, partially funded by a loan from the European Investment Bank (45 million euro), while the balance was covered by the Beirut Port Authority out of port revenues.

Beirut Port Authority further awarded a contract for the construction of the first phase of Basin No. 5. The 600m long x 15m deep quay will be used as a container terminal. The total cost is estimated at approximately US\$ 50 million, financed by the Beirut Port



General aviation building

Authority.

Beirut Port Authority (provisional administration for operating and exploiting Beirut Port) launched a tender in mid-2004 for the management and operation of the port container station. This followed the procurement and installation of basic equipment for this station which prepared the necessary conditions required for start-up operations.

In August 2004, the contract was signed with the winning bidder (a joint venture of the British Mersey-MDHC and IMA of the USA). The company started its actual activities at Beirut Port on 14/12/2004 under the name of Beirut Port International Management and the volume of work is expected to exceed 500,000 TEU units during 2005.

Rehabilitation and Development of Tripoli Port: To ensure navigational safety, dredging works and removal of sediment and accumulated debris in the commercial basin and entrance channel commenced in the autumn of 1997. Also, the wrecks of five sunken vessels were lifted and the basin was dredged to a depth of 10 m at a cost of US\$ 2 million.

The government commissioned Sogreah, a French consulting firm, to prepare a master plan for the development of Tripoli Port financed under the French protocol. The completed master plan is comprised of the following:

- Increasing the depth of the entrance channel from 10 to 13 meters;
- Construction of a 600 m long quay extending from the existing port towards Abu Ali River;

- Construction of an external breakwater (1000 m), and completion the northern breakwater near Abu Ali River.

As a first step, work started in 2001 on deepening the basin and the entrance channel at a cost of about US\$ 20 million.

Development and expansion of Tripoli Port: The Marseille Port administration completed a feasibility study for the expansion of Tripoli Port. The European Investment Bank approved a loan of 45 million euro to finance the expansion works. These works are divided into 2 lots:

Lot 1: Comprises expansion works of the temporary road for the existing main breakwater and extending both the existing main and secondary breakwaters. The works on this lot were awarded in April 2004 (over US\$ 23 million) to the Jan de Nul/ Hydromar joint venture. The contract for supervision works was funded out of port revenues.

Lot 2: Comprises the construction works of a new 600 m long quay, excavation and deepening of the port basin to accommodate ships up to 15m draw. The works (around US\$ 24 million) were awarded to China Harbour Engineering Company. The contract for supervision was funded out of port revenues.

Projects under Execution

Feasibility studies related to the development of tourism activities at Tyre Port are currently under preparation.

Projects in Preparation

Development of Saida and Tyre

Ports: Studies have been carried out for the development of Saida Port.

Fishing Ports: Among the proposals submitted by the Ministry of Public Works and Transport are plans to develop several fishing ports along the entire Lebanese coast.

Rafic Hariri International Airport

The total value of contracts awarded for the development of Rafic Hariri International Airport amounted to about US\$ 775 million. The master plan of Beirut International Airport provided for increasing the annual passenger capacity to 6 million in the first phase. It is expected that the capacity will be gradually increased to 16 million passengers by 2035.

Achievements to Date

The first phase of the project included construction of a new passenger terminal and two new runways: one to the east of the existing runway, and the other on land reclaimed from the sea to divert flights from the skies of the capital. As a result, the airport is now able to receive about thirty planes simultaneously, stationed either at the embarkation gates or in the aircraft parking yards.

Works were started in 1994 and are now complete; some ancillary works are currently underway. Work on the first phase of the passenger terminal is complete and the new terminal building was put in service in 1998. The second phase of the passenger terminal has been completed and increased the passenger capacity to six million a year. Various facilities, including two additional luggage conveyors contracted at the end of January

2000 were completed on 30 June 2000. The west runway was put in service during 2001.

The works carried out on other components of the airport are:

- Radar building: Completed in September 1996;
- Civil Aviation Security Center: Completed in October 1996;
- Civil aviation maintenance building: Completed in June 1997;
- Fire and rescue training building: Completed in July 1997;
- Fire station for land services: Completed in July 1997;
- Automatic postal sorting office: Completed in November 1997;
- Power station: Completed in December 1997;
- Infrastructure for passenger terminal and utilities building (electricity, water, main and internal roads) has been in service since the beginning of 1998. The western loop leading to the passenger terminal was completed in February 2000;

- Two main water reservoirs and towers are now in service;
- Other ancillary buildings and airport guard and security buildings have been handed over to the Airport Authority;
- Two Ouzai tunnels under the west runway opened were to traffic in December 1997;
- Ouzai-Khaldeh interchange at Costa Brava was opened to traffic in December 1997. Khaldeh interchange was opened to traffic in September 1999 and the link to the old Saida road was completed in December 1999;
- The embankment protection works for the Ouzai road were completed during 2000;
- The car park and the aircraft refueling facilities were completed on the basis of a concession (BOT). In addition, various contracts for consultancy services or supply of aeronautical equipment have been awarded (funding under the French Protocol);
- Consultancy services for

modernizing the civil aviation administration;

- Training equipment for the civil aviation security center (four contracts).
- Meteorological equipment (contracts for phase 1 and phase 2).
- A VIP pavilion was completed in March 2002.
- Another VIP pavilion (public flights) is under handing cover.
- Landscaping works of the VIP pavilion.
- Routine periodic tests of air navigational equipment simulators (maintenance and operation).
- Consultancy services in the arbitration case related to the rehabilitation and development of Beirut International Airport.
- Improving maritime protection and building a quay for the rescue station boats related to the new western runway of the airport.
- Providing an information system for aerial navigation, including addendums 1, 2 and 3.
- Operation and maintenance

Airport Sector overview

		Contracts awarded from January 1992 to December 2006					
		Total		completed		in progress	
		*No	Amount	*No	Amount	*No	Amount prog
Technical assistance		13	28.3	10	21.1	3	7.2 96%
Institutional strengthening							
Training and institutional strengthening	c	3	9.6	1	2.4	2	7.2 97%
	w	9	18.6	9	18.6		
Undefined							
Project undefined	w	1				1	
Capital investment		56	531.7	49	517.8	7	13.9 85%
Rehabilitate airport							
Rehab airport & replace East runway	c	1		1			
	w	6	91.0	6	91.0		
West runway and other works							
Airport development : West runway & other works	c	15	3.5	12	2.2	3	1.3 87%
	w	30	433.6	27	422.8	3	10.8 94%
AFTN - airport communications	w	4	3.6	3	1.7	1	1.9 30%
Operation and maintenance		10	119.4	6	7.7	4	111.7 90%
Operation and maintenance							
Operation and maintenance of facilities	c	5	3.2	3	2.5	2	0.8 70%
	w	5	116.1	3	5.2	2	110.9 90%
Sector Totals		79	679.4	65	546.5	14	132.9 90%

services of the new building and ancillary structures in Rafic Hariri International Airport with addendums 1 & 2 and supervision tasks.

- Supervision services related to the rehabilitation of the radar control and surveillance system at Rafic Hariri International Airport.
- Geophysical surveys of the new eastern runway area of the airport.
- Upgrading works of the surrounding fencing of the airport

Projects in Progress

Within the framework of the airport rehabilitation project and the construction of a new eastern runway, the financial and engineering assessment of the civil works of the VIP building was

awarded.

Works have also been initiated for the rehabilitation of the asphalt pavement of the aircraft corridor (M) in the section parallel to the general aviation area.

In respect of the operation and maintenance of facilities the following projects have been contracted:

- Operation and maintenance of the new terminal building and associated facilities at Rafic Hariri Airport (Annex C) including the related supervision duties.
- Rehabilitation of the airport radar control and surveillance systems (Annex No.1)
- Supervision duties related to the rehabilitation of the airport radar

control and surveillance systems.

Projects in Preparation

Currently the following contracts are under preparation:

- Implementation and rehabilitation of civil works for the landing runways and corridors.
- Construction of hangars for general aviation companies (first phase)
- Rehabilitation and modernization of the information exchange center (AMSS) at Rafic Hariri International airport.
- Rehabilitation of the storm water channel and aircraft parking areas at the TMA hangars at Rafic Hariri International airport.

Ports Sector overview

		Contracts awarded from January 1992 to December 2006					
		Total		completed		in progress	
		*No	Amount	*No	Amount	*No	Amount prog
Technical assistance		1	0.3	1	0.3		
Port studies							
Ports traffic study and master plans	c	1	0.3	1	0.3		
Capital investment		15	6.9	14	6.1	1	0.8 59%
General investment							
Navigation safety	c	3	0.1	3	0.1		
	w	4	3.7	4	3.7		
Rehabilitation of Beirut port							
Rehabilitate the Port of Beirut	c	1	0.1	1	0.1		
	w	1	0.1	1	0.1		
Rehabilitation of other ports							
Rehabilitate the port of Tripoli	c	3	0.1	3	0.1		
	w	2	2.0	2	2.0		
Rehabilitate the port of Tyre	c	1	0.8			1	0.8 59%
Sector Totals		16	7.2	15	6.4	1	0.8 59%

Airport contracts awarded in 2006

		Contract amount (in USD)	External funding	Start Date
Technical assistance		20,848		
Undefined				
Equipments for Beirut International Airport Security	w	20,848		
Sector Totals		20,848		

Government Buildings



By the end of 2006, the total value of contracts awarded for the repair, construction and maintenance of government buildings amounted to about US\$ 183.6 million.

Government reports have indicated a great increase in rents paid by the government for its various administrations, the total of which over a five year period, exceeded the actual cost of constructing the required public buildings. Consequently, the government decided to construct its own administration buildings on available public properties. The government directed CDR to prepare the related study and submit it to the Council of Ministers. This study will form the basis of a government plan for constructing public buildings in the coming years.

Achievements to Date

The rehabilitation of government buildings was partially financed by the Saudi Fund for Development (SFD) and by a grant from the Kingdom of Saudi Arabia (UNESCO Palace, Municipality of Tripoli). The rehabilitation works of the Grand Serail in Beirut and the construction of the new Serails in Jezzine and Tibnine have been completed. The expansion works of the Bar Association building in Tripoli have also been completed.

The expansion and rehabilitation works of UNESCO Palace annex have been completed at a cost of L.L. 600 million financed by the Lebanese government. Its operation and maintenance continued until the end of 2004, then this responsibility was transferred to the Ministry of Education. The construction of the

Hermel Serail was handed over in November 2001 at a cost of US\$ 1.4 million. The works of Justice palace in Saida were completed and received in summer 2005. The total value amounted to US\$ 3.5.

Waterproofing works have been completed for sections of the National Museum and construction of a new exhibition hall in its basement floor have been completed and handed over. Construction of the Kaemakamiet Building in



Ministry of Higher Education UNESCO.

South Lebanon water authorities.



Minieh which started in 2002 for the cost of US\$ 2,290,000 was completed. The Management Institute Building in Baabda, completed by CDR, was furnished and equipped at a cost of US\$ 594,686.

Ongoing Projects

The study related to the construction of a new building for the Ministry of Economy has been submitted. The building permit still needs to be approved. The cost of the project is estimated at about US\$ 2 million and CDR is preparing to launch the relevant tender.

For the construction of the Kaemakamiet Building of Dannieh, the relevant decision of the board of directors for awarding the contract has been taken. The construction works started after obtaining the necessary building permit. The cost of works is about US\$ 1 million.

The studies related to the construction of archeological warehouses on a plot of land in Beirut owned by the Railway Authority have been completed. The project has been awarded after making slight amendments on the plans.

The contract for the new MEHE building has been awarded and works, commenced in August 2004, are expected to be complete by the end of 2007.

Projects under preparation

The delivery of the construction site of the customs building in Saida was delayed due to some difficulties which need to be solved in coordination with the directorate of general security works are expected to start during the summer of 2007 at an estimated cost of about US\$ 173,000.

The Customs Building in Sour is facing objections over its location

from the Directorate of Antiquities since extension of the port may disfigure the city seafront. Alternatives are being sought.

Funding also remains to be identified for the construction of a governmental complex in Chhim (US\$ 4.1 million). The transaction required for joining the different plots into a single one required for the construction of this project is underway.

After engaging a consultant to prepare a study for building a governmental complex at the Syrian border in Masnaa, the council of ministers decided to entrust the Ministry of Public works to implement this project. Financing is currently being sought for the Abboudieh complex.

For the Internal Security Forces Training Center in Aramoun, estimated at a cost of US\$ 50 million, the Ministry of Interior has not decided yet whether to use the

current study or to ask for updating it.

For the location of the Ministry of Foreign Affairs the Council of Ministers issued a decree for changing the location of the ministry from Bashura area (due to its small area) to a larger property in Saifi

area. The council is waiting for Solidere to send the new location plan indicating its final area.

The studies contract covering the construction of an annex to the Grand Serail in Beirut has been awarded. The building site plot is

currently under re-classification to allow construction of this project on it and to issue the necessary building permits.

The project for constructing other government buildings on public properties still needs the decision of

Government Buildings Sector overview

		Contracts awarded from January 1992 to December 2006					
		Total		completed		in progress	
		*No	Amount	*No	Amount	*No	Amount prog
Technical assistance		1	0.2			1	0.2 85%
Undefined							
Project undefined	c	1	0.2			1	0.2 85%
Capital investment		177	180.7	157	113.7	20	66.9 52%
Rehab. and equipment of Music Conservatoire							
Rehab music conservatoire	w	1	0.1	1	0.1		
Museums							
Rehab Beirut Museum	c	4	0.1	4	0.1		
	w	3	2.0	3	2.0		
Rehabilitate government buildings							
Detailed survey	c	1		1			
Customs posts	w	1		1			
Rehab other Govt buildings	c	18	1.3	18	1.3		
	w	53	21.7	53	21.7		
Additional equipment & furniture	w	5	0.9	4	0.8	1	0.1 50%
Rehabilitate Grand Serail	c	3	2.4	3	2.4		
	w	9	46.6	9	46.6		
Rehabilitation of Justice Palace	c	1		1			
	w	5	5.4	5	5.4		
Rehab and reconstruction of Presidential Palace	w	1	13.5	1	13.5		
Rehabilitation of Glass Building	c	2	0.2	2	0.2		
	w	1	3.5	1	3.5		
New government buildings							
New Govt buildings	c	27	5.7	17	1.5	10	4.2 50%
	w	15	54.6	9	8.9	6	45.7 72%
Constitutional Council building	w	8	0.3	8	0.3		
Constuction of Beirut fire department	c	2	0.1	1		1	0.1
Construction of slaughterhouses							
Slaughterhouses	c	10	1.7	9	1.1	1	0.6
	w	4	18.5	3	2.3	1	16.2
National Defence and Interior							
ISF training centre, Aramoun	c	2	1.8	2	1.8		
	w	1		1			
Operation and maintenance		22	2.7	21	2.7	1	50%
O & M of Government Building							
Unesco Palace	c	1	0.1	1	0.1		
	c	5	0.3	4	0.3	1	50%
	w	16	2.3	16	2.3		
Sector Totals		200	183.6	178	116.4	22	67.2 53%

the Council of Ministers in order to proceed with it in detail and secure the necessary funding.

The environmental impact and the economic feasibility studies of the wholesale vegetable market in Tripoli, including selection of

appropriate site, have been completed and the detailed studies have been awarded.

The studies for rehabilitation of Tripoli slaughterhouse have been completed and the relevant contract is to be awarded soon.

For the construction of Beirut fire department building, a new consultant has been appointed to replace the previous one and work is going on to update the studies delivered by the previous consultant including the documents needed for the bidding process.

Government Buildings contracts awarded in 2006

		Contract amount (in USD)	External funding	Start Date
Capital investment		18,249,361		
Rehabilitate government buildings				
Additional equipment & furniture				
Supply of 2 elevators & generator sound proof enclosure for the min of agr	w	106,570		Sep/2006
New government buildings				
New government buildings				
Supp & inst of furniture for the highest islamic shiite council in Hazmieh	w	269,320		Nov/2006
Construction of the building of ware house - Furn El Chebbak for the DGA	w	875,072		May/2006
Technical Control for the construction of the central building for the MoE	c	55,000		Mar/2006
Design for the alignment of the roads surrounding the site of the ME bldg	c	17,239		Jun/2006
TC for the reh of the Beirut Mun Bldg-Lot 243 Marfaa-BCD	c	21,783		Dec/2006
Beirut fire dept.construction				
Supervision for the construction of Beirut fire Department in Kaskas area	c	96,245		Aug/2006
Construction of slaughterhouses				
Slaughterhouses				
Supervision services for the reh & reconstruction of Tripoli slaughterhouse	c	594,730		Jan/2007
Rehabilitation and reconstruction of Tripoli slaughterhouse project	w	16,213,402		Jan/2007
Operation and maintenance		15,871		
O & M of Government Building				
Unesco Palace				
Study for Rehabilitation of Unesco Palace site	c	15,871		Jun/2006
Sector Totals		18,265,232		

Government buildings Contracts in preparation

	Progress Status		Estimated Amount	Funding Source	Indicative start date
Capital Investment					
Governmental buildings					
Construction works for Ministry of Economy in Beirut	Tendering Phase	w	3,753,730	Local	Jun/2008
Rehab of Customs Building in Saida	Design Phase	w	400,000	Local	Dec/2008
Rehab of Customs Building in Sour	Tendering Phase	w	383,250	Local	Jun/2007
Construction of an Annex to the Grand Serail	Design Phase	w	4,752,850	Local	Mar/2008
Governmental Building complex in Abboudieh	Design Phase	w	18,419,265	Local	Dec/2007
Construction of training centre for the internal security force - Aramoun	Tendering Phase	w	50,000,000	Local	Jun/2008
Governmental Building complex in Masnaa	Design Phase	w	11,150,986	Local	Nov/2008
Governmental Buildings in Public lands	Awaiting funding	w	39,900,000	Local	Jun/2008
Building for Ministry of foreign affairs	Plot Problem	w	8,000,000	Local	Feb/2008
Rehabilitation Border Points Arida - Abboudieh - El Kaa	Design Phase	w	9,000,000	Local	Jun/2008
Fire Brigade Building - Beirut	Design Phase	w	2,400,000	Local	Aug/2006
Rehabilitation & signalisation for the old Pharmacy school in the directorate of statistics in the Lebanese University	Design Phase	w	600,000	Local	Dec/2008
Construction of the new headquarters for the Ministry of Health	Design Phase	w	4,000,000	Local	May/2007
Construction of a building for the Ministry of Finance in Baabda	Design Phase	w	17,000,000		Jun/2007
Rehabilitation of a building for training of agricultural production at Hariss	Design Phase	w	195,000	EU	Jul/2007
Construction of an agricultural center at Nabatieh El Fawka	Design Phase	w	260,000	EU	Jul/2007
Completion of Social Center at Roumine	Design Phase	w	195,000	EU	Jul/2007
Construction of an agricultural Center in Zefta	Design Phase	w	130,000	EU	Jul/2007
Construction of a Market in Tair Debba	Design Phase	w	390,000	EU	Jul/2007
Construction of a Municipality building in Kosaibeh	Design Phase	w	195,000	EU	Jul/2007
Furnishing of Electrical Equipment and Maintenance for some electrical stations	Design Phase	w	2,600,000	EU	Jul/2007
Vegetable Market in Tripoli					
Construction of a Whole sale Vegetable Market in Tripoli	Design Phase	w	6,600,000	SFD	Sep/2007
Sector Totals			180,325,081		

Financing the reconstruction plan

Secured financing

Foreign financing secured for the reconstruction program includes loan agreements ratified by parliament, loan agreements signed by the government and grant agreements implemented by virtue of government decrees. At the end of 2006, the total amount of secured foreign financing amounted to US\$ 8077 million, comprised of grants, soft loans, commercial loans, export credits and medium-term loans,⁽¹⁾ broken down as follows:

	Grants	Loans			Total
		Soft loans	Others	Sub Total	
Amount in million US\$	2303	3116	2658	5774	8077
% of total	29%	38%	33%	71%	100%

CDR adopts a general financing policy based on securing soft loans for social services sectors and commercial loans for high profitability (productivity) sectors and projects. However, CDR is not the only governmental entity responsible for implementing the reconstruction program. A number of ministries and governmental administrations also participate in implementing various parts of this program.

Distribution of secured foreign financing by source: About 35 foreign financing sources have contributed to the reconstruction program. Chart 1 shows the share of each source that contributed more than US\$50 million to the program. It should be noted that 11 main foreign financing sources have contributed more than 90% of the total foreign financing, namely: the Arab Fund for Social and Economic Development (AFSED) (14%), the European Investment Bank (EIB) (12%), the World Bank (IBRD) (11%), the Islamic Development Bank (IDB) (10%), Kuwait and Kuwaiti institutions (11%), Saudi Arabia and the Saudi Fund for Development (SFD) (11%), the State of Qatar (4%) the European union (EU) (5%), Italy

(1) Medium-term loans are loans extended by certain donors, such as the World Bank and the European Investment Bank, at interest rates close to market rates, but which benefit from longer grace and repayment periods.

(5%), France and French institutions (5%) and commercial banks (4%).

Distribution of secured foreign financing by sector: Chart 2 shows the updated distribution of secured financing based on the main sectorial groups. The share of the basic infrastructure sectors in the secured foreign financing was 34% covering mainly the electricity and roads sectors. The share of social sectors amounted to 22% covering education, public health and housing compensations. The share of basic services sectors stood at 20% covering potable water supply, wastewater and solid waste sectors. The share of the productive sectors amounted to 10% and included the airport, seaports, agriculture and irrigation. Finally, the share of public administrations, buildings and other sectors amounted to 14%.

New Financing

Foreign financing secured during 2005-2006 reflects the efforts made by CDR to translate foreign funding promises into secured financing, which would only require completion of certain legal and administrative procedures to become effective⁽²⁾. We also refer to the efforts made in this regard by the government, and the Ministry of Finance in particular, during the Stockholm and Paris III Conferences after the 2006 July war. Total foreign financing secured during 2005 and 2006 amounted to about US\$ 624.32 million and 166.22 million euro in the form of loans, and US \$ 1,239 million and 116.1 million euro in the form of grants (these amounts exclude grants in kind and lines of credit for petroleum products). The main loan agreements or grants, signed or ratified in 2005 and 2006, are listed as follows:

The European Investment Bank (EIB):

In 2005 and 2006, the financing agreements that were signed with the European Investment Bank amounted to 120 million euro (as loans) and 1.92 million euro

(2) Excluding financial protocols and memoranda of understanding (MOUs) which always require additional financing agreements pertaining to the projects identified and agreed to in the protocols and MOUs

Chart 1
Ratified, Signed & Approved Foreign Financing \$ 8,077 millions
Distribution by Donor

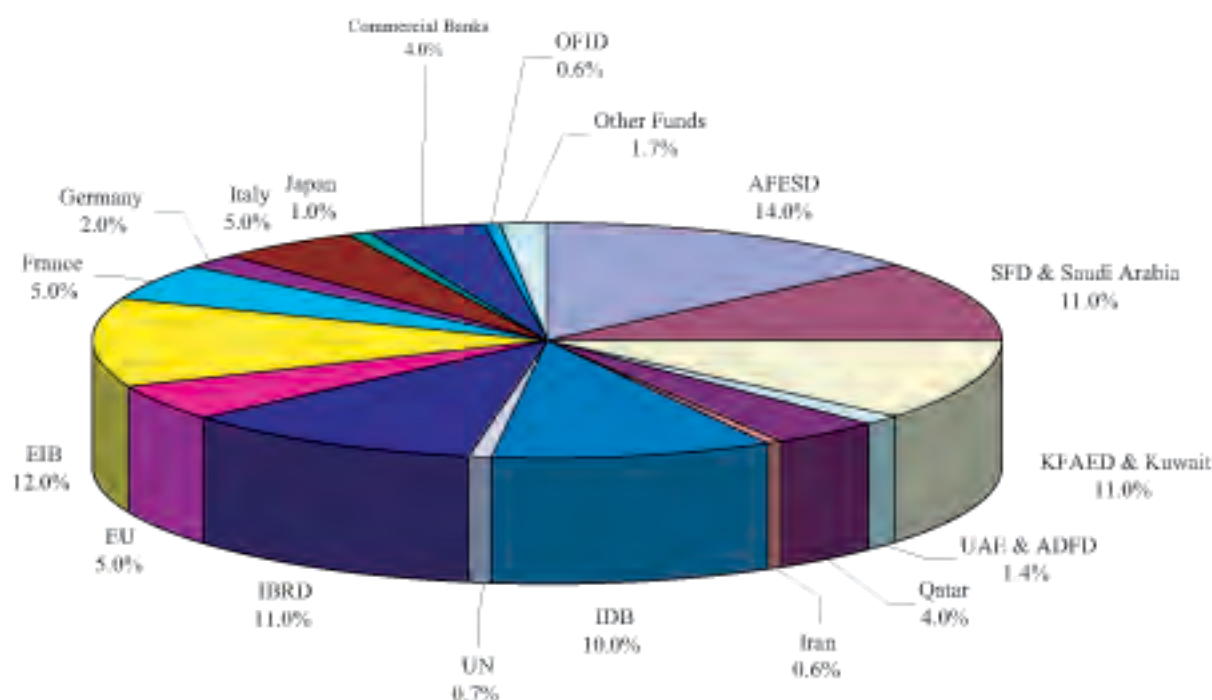
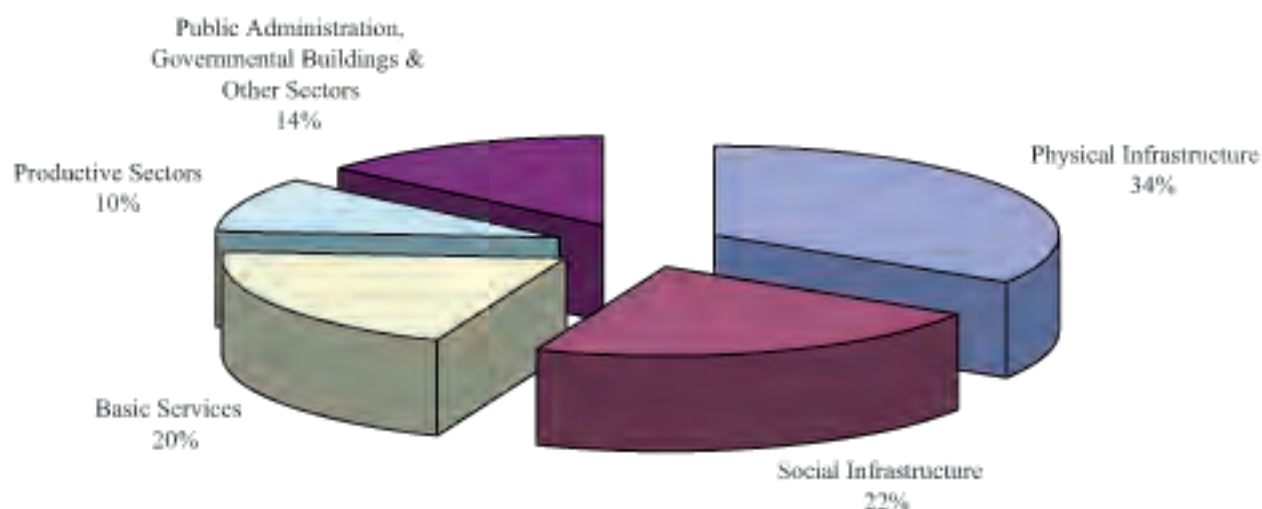


Chart 2
Ratified, Signed & Approved Foreign Financing \$ 8,077 millions
Distribution by Sector



(as grants) covering the following agreements:

- On June 28, 2005, the Lebanese government signed a loan agreement with the European Investment Bank for 60 million euro to finance part of the Lebanese Highways Project, covering the construction of 11 km section of the Arab Highway between Taanayel and Masna'a. The loan agreement covers also the construction of the 6 km West Ring Road in Tripoli.
- On June 28, 2005, a cooperation agreement (grant) for 718,000 euro was signed with EIB through the Technical Assistance Fund of the EuroMed Partnership Investment Facility that is used by the European Commission to support EIB activities. This grant is used to finance the consultancy contract for the provision of technical assistance to CDR in implementing the Lebanese Highways funded by EIB.
- On December 21, 2005, a cooperation agreement (grant) for 1.21 million euro was signed with EIB for the provision of technical assistance to the CDR in implementing Sour Wastewater Treatment Plant in South Lebanon. This plant is funded by EIB under the 45 million euro loan agreement signed on July 20, 2004.
- On December 27, 2005, a loan agreement for 60 million euro was signed for financing the Daora Wastewater Treatment Plant (the northern basin of greater Beirut). The loan will be used to finance the construction of a primary treatment plant capable of serving 2 million inhabitants, together with a number of main and secondary collector lines and distribution networks in the northern areas of Beirut.

The French Agency for Development (AFD)

On December 2, 2005, a loan agreement for 30 million euro was signed with the French Agency for Development to finance the potable water and wastewater treatment program of the North Lebanon Water Establishment. The loan will be used to complete the projects and contracts financed through a previous loan. It will also finance the construction of wastewater drainage networks and treatment plants in Checka and Batroun.

The German Federal Republic

- On July 10, 2005, a cooperation agreement was signed with the German Federal Republic to finance

the construction of the main wastewater collector lines in the southern suburbs of Beirut and to connect them to Al-Ghadir Wastewater Treatment Plant. The value of the agreement is 16.225 million euro.

- The German government has also allocated a grant of 40 million euro at the Stockroom Conference. The Council of Ministers Decision was issued on December 6, 2006 to accept the grant for financing the rehabilitation and equipping of 34 vocational schools.

The Islamic Development Bank (IDB)

In 2005 and 2006, several agreements were signed with the Islamic Development Bank for a total of US\$ 181.225 million (excluding credit agreements for financing petroleum products). These agreements are distributed as follows:

- On April 12, 2005, a detailed agreement for US\$ 14.57 million was signed with IDB to finance potable water supply systems in the Jabal Amel and Cheba'a regions.
- On January 10, 2005, an agreement (Istisna'a) for US\$ 12.2 million was signed to finance rehabilitation of the Sour-Nakoura road.
- On January 10, 2005, a financing agreement for US\$ 1.5 million was signed with IDB to finance the completion of Jezzine hospital and the rehabilitation of al-Khiyam and Cheba'a health care centers.
- On January 10, 2005, a loan agreement for US\$ 11 million was signed with IDB to finance procurement of medical equipment and supplies for the Jezzine, Tibnin and Bint Jbeil hospitals, as well as equipment for Rmeish, Cheba'a and al-Khiyam health care centers.
- On January 10, 2005, CDR signed a loan agreement for US\$ 7 million with the Department of Asset Management at IDB to finance the construction of two road interchanges in Bcharre.
- On January 10, 2005, an agreement (Istisna'a) for US\$ 32.385 million was signed with IDB for completing the Babiliah Abul Aswad section of the southern coastal expressway and constructing the Abul Aswad-Bourj Rahhal section.
- On March 14, 2006, a loan agreement for US\$ 8.9

million was signed with IDB to finance the construction and equipping of Bikfaya - Mansourieh - Tannourah and Majdalin schools. This project will be implemented through CDR.

- On March 14, 2006, two agreements Istisna'a & Agency for US\$ 43.2 were signed with IDB to finance the upgrading and development of Tripoli city infrastructure. This project will be implemented through the CDR.
- On May 2, 2006, a credit facilities agreement for US\$ 100 million was signed between the Lebanese government and IDB to finance importation of petroleum products from Saudi Arabia.
- On May 30, 2006 an agreement (Istisna'a) for US\$ 42 million was signed with IDB to finance the construction works of the Faculty of Engineering and Architecture, in addition to three faculties at the Lebanese University in Tripoli.
- On November 12, 2006, a loan agreement for US\$ 8.5 million was signed with IDB to finance the procurement of equipment for Ftouh Kesrwan, Jezzine, Tannourine, Marjeyoun, Tripoli, Sir al-Dinniyeh, Tibnine and Bint Jbeil hospitals, in addition to several health care centers. This project will be implemented through the CDR.

The Saudi Fund for Development (SFD)

In 2005 and 2006, three financing agreements for US\$ 33 million were signed with SFD detailed as follows:

- On December 6, 2005, a loan agreement for US\$ 15 million was signed to finance the construction of two roads in the caza of Akkar.
- On December 6, 2005, a loan agreement for 41.25 million Saudi Riyals (about US\$ 11 million) was signed to finance the construction and rehabilitation of a number of roads in Iqlim al- Kharroub region.
- On November 16, 2006 a loan agreement for 26.25 million Saudi Riyals (about US\$ 7 million) was signed to finance the Batroun- Tannourine road.

Kingdom of Saudi Arabia

- The Kingdom of Saudi Arabia provided an urgent grant for US\$ 50 million to cover the urgent needs of the Lebanese government.
- After the 2006 July war, Saudi Arabia offered

another grant for US\$ 500 million to the government. The grant acceptance decree was issued on November 2, 2006, and the implementation agreement was signed on December 19, 2006 to cover the following projects and sectors:

- US\$ 350 million for housing compensations to about 29 villages, including reconstruction works of the southern suburb of Beirut and for the land expropriation for building public schools.
- US\$ 15 million to rebuild damaged bridges (including Damour and Wadi el-Zeini bridges and Hazmieh - Haret Horeik bridges, as well as the old Damour Bridge).
- US\$ 15 million for school equipment and furniture
- US\$ 75 million for financial gaps in road projects funded by Saudi Arabia
- US\$ 45 million in reserves.

The Arab Fund for Social and Economic Development (AFSED)

In 2005 and 2006, financing agreements for about US\$ 323 million (in loans) and US\$ 10.5 (in grants) were signed with AFSED as follows:

- On February 19- 2005 CDR signed a loan agreement for 30 million K.D. (about US\$ 103 million) with AFSED to finance the development of major roads and road intersections in Lebanon.
- A Memorandum of Understanding (MOU) covering a KD 130,000 (about US\$ 0.5 million) grant was signed on May 10, 2005 with AFSED to finance the study for a Comprehensive Development Plan.
- On September 12, 2006 a loan agreement for KD 9 million (about US\$ 31 million) was signed with AFSED to finance the Public Administration Reform Program, which will be implemented through the Office of the Minister of State for Administrative Reform.
- On September 12, 2006, a loan agreement for KD 25 million (about US\$ 86 million) was signed with AFSED to finance water and wastewater projects in certain regions, which will be implemented through the CDR.
- On September 12, 2006, a loan agreement for KD 30 million (about US \$ 103 million) was signed with

AFSED to finance the reconstruction of damages caused during the July 2006 war to roads, water and electricity sectors, which will be implemented through the CDR.

- On September 12, 2006 a Memorandum of Understanding covering a KD 3 million (US\$ 10) grant was signed with AFSED to finance the urgent needs resulting from the July 2006 war.

Abu Dhabi Development Fund (ADDF)

In 2005, CDR signed with ADDF four financing agreements for US\$ 37.5 million as follows:

- On April 13, 2005, a loan agreement for 27.547 million Emirate Dirhams (about US\$ 7.5 million) was signed with ADDF for financing the rehabilitation and development of sewage networks in northern Metn.
- On April 13, 2005, a loan agreement for 36.730 million Emirate Dirhams (about US\$ 10 million) was signed to finance the water supply systems in Nabatieh area.
- On April 13, 2005, a loan agreement for 36.730 million Emirate Dirhams (about US\$ 10 million) was signed with ADDF to finance the main road intersection project in Beirut.
- On April 13, 2005, a loan agreement for 36.730 million Emirate Dirhams (about US\$ 10 million) was signed with ADDF to finance Zgharta and Koura sewage networks.

The European Union (EU)

In 2005 and 2006, grant agreements for about 36.9 million euro were signed with the European Union (EU) as follows:

- The EU made a commitment (during 2005) to provide 9.5 million euro as a grant for interest subsidy of the loan agreement related to the Wastewater Treatment Plant in the northern basin of Greater Beirut, signed with EDB.
- On March 15, 2006, a grant agreement for 3 million euro was signed with the EU within the framework of MEDA 2 program for 2005 and 2006. This grant will finance the civil society-strengthening project for the benefit of non-governmental organizations (NGOs),

implemented through the Office of the Minister of State for Administrative Reform.

- On June 14, 2006, another grant agreement for 14 million euro was signed within the framework of MEDA 2 program for 2005 and 2006. The grant will finance the Reform Support Project (9.9 million euro) and the Local Governance Support Project (4.1 million euro), both of which are being implemented through the Office of the Prime Minister and the Office of the Minister of State for Administrative Reform.
- On January 20, 2006, a grant agreement for 5 million euro was signed with the EU within the framework of MEDA 2 program for 2005 and 2006. The grant will finance the training / employment programs for the benefit of the Ministry of Higher Education, implemented by the Ministry itself.
- On January 21, 2006, a grant agreement was signed within the framework of MEDA 2 program for 2006 and 2006. This will finance the application of technical systems in water management for the benefit of the Ministry of Energy and Water, which, implemented by the Ministry itself.
- On May 8, 2006, a grant agreement for 0.4 million euro was signed with the EU within the framework of the regional program that finances the Euro-Med Youth Program (Third phase) to the benefit of the Ministry of Youth and Sport, implemented by the Ministry itself.

The Italian Government

In 2005 and 2006, financing agreements amounting to 32.6 million euro (in loans) and 37.27 million euro (in grants) were signed with the Italian government as follows:

- On November 15, 2005, the Italian government signed an executive loan agreement for 22.4 million euro to finance the construction of Zahleh Wastewater Treatment Plant, within the framework of the Italian Financial Protocol of 1997.
- On May 3, 2006 the Italian government signed an executive loan agreement covering a loan of 10.2 million euro and a grant of 0.57 million euro to finance the Cultural Heritage and Civil Development Project within the framework of the Italian Protocol of 1998- 2000.

- On November 17, 2006, after the July 2006 war, a grant agreement for 30 million euro was signed with the Italian government to support the reconstruction work in Lebanon, to be implemented through the Italian government for the financing of three following components:

- 15 million euro to finance projects implemented directly by Italian NGOs.

- 10 million euro to finance projects for the United Nations.

- 5 million euro to finance the reconstruction of the Sofar Bridge destroyed during the Israeli war in the summer of 2006.

- In addition, work started in 2006 on the poverty alleviation program financed through the 6.7 million euro grant provided by the Italian government. The United Nations Development Fund (UNDP) in North and South Lebanon is implementing this program, within the framework of the Art Gold project.

The World Bank (IBRD)

- On October 19, 2006, the Council of Ministers approved the acceptance of the US\$ 70 million grant offered by the World Bank to finance the reconstruction program. This grant was allocated as follows:

- US\$ 30 million to support the municipalities program in war damaged areas, to be implemented through the Ministry of Internal Affairs and Municipalities (PIU unit)

- US\$ 15 million to compensate for the damages sustained by the private sector during the July 2006 war, to be implemented directly by IFC.

- US\$ 15 million to finance part of the Bekaa Water Project (West Bekaa water), to be implemented by the CDR

- US\$ 5 million to support the finance of the electricity sector reform, to be implemented by the CDR.

- US\$ 5 million not allocated yet (Proposed for supporting the Greater Beirut Water Project).

The People's Republic of China

- On June 25, 2005, the government of the People's Republic of China offered 20 million Chinese Yuan (about US\$ 2.48 million) as a grant within the framework of the economic and technical cooperation program.

- On December 14, 2006, a Memorandum of Understanding was signed concerning the 20 million Chinese Yuan (about US\$ 2.5 million) grant offered by the Chinese government. Following acceptance of the grant by the Council of Ministers, the projects to be implemented within the framework of the grant will be specified in coordination with the Chinese government.

UN Organizations through the United Nations Development Program (UNDP)

In 2005 and 2006, CDR signed a number of project documents financed through grants amounting to US\$ 3.5 million, provided by UN organizations and other donors, to be implemented by UNDP. It should also be noted that this amount does not include the projects implemented directly by UNDP (DEX), funded after the July 2006 war.

Kuwait Fund for Arab Economic Development (KFAED):

- On April 4, 2006, a loan agreement for KD 5 million (about US\$ 17 million) was signed with KFAED to finance the potable water network in Metn and Aley mountainous areas.

Kuwait

The Council of Ministers agreed, under Decree No. 17883, to accept the US\$ 300 million grant given by Kuwait by which the related Memorandum of Understanding was signed on October 17, 2006. CDR coordinated with the KFAED (assigned by Kuwait to manage the grant) all the preparations for allocating the grant which was distributed as follows:

- Housing compensations (for about 25 villages) US\$ 100 million

- Housing compensations for the southern suburb of Beirut US\$ 15 million

- Infrastructure of villages adopted by Kuwait US\$ 35 million

- Infrastructure of the southern suburb of Beirut including the construction of two schools US\$ 35 million

- Other infrastructure projects as follows:

- Riyak- Baalbeck road and the south access road US\$ 40 million

- West Beqaa and Rachaya Water project US\$ 40 million

- Akkar electricity project (including construction of Al-Oyoun 66 KV substation.) US\$ 6 million

- The Construction of Tibnine and Chakra Treatment Plants

and waste- water networks. US\$ 14 million
 - Miscellaneous small projects US\$ 15 million

The KFAED, according to the grant agreement, will execute the aforementioned projects (tendering procedures and supervision), where as the CDR will conduct the coordination with the related benefited administrations and the technical control of these projects.

Qatar

On April 4, 2006, a grant agreement amounting to US\$ 300 million was signed with Qatar as a contribution for the reconstruction of Lebanon after the July 2006 war. The donor will implement the grant directly which covers the compensations to be paid for the damaged houses, the reconstruction of infrastructure pertaining to four villages and the reconstruction of religions buildings in the South.

The Turkish Government

The Turkish government, through the Stockholm Conference, offered a grant in kind amounting to US\$ 10 million. The Turkish government agreed to supply pre-fabricated schools for the damaged areas where as the CDR will be in charge of executing the required related infrastructure works.

Arab Republic of Egypt

Egypt offered a grant in kind amounting to about US\$ 6.1 million, allocated for the construction works at the Jiyeh Thermal Power Plant. The decree accepting this grant was issued on November 2, 2006.

Future Financing

The foreign financing that CDR expects to secure includes initially approved financial agreements and loans promised during the Stockholm Conference, as well as declarations of intent made during the Paris III Conference. The loan agreements that are under negotiation and have not yet been agreed in principle or promised are not included hereafter. A summary of the most important financing agreements, expected to be completed within the coming year, according to the source of funding are detailed as follows:

Saudi Fund for Development (SFD)

SFD has promised to allocate about US\$ 1,115 million to finance various projects summarized below:

- A separate agreement of US\$ 15 million will be signed with SFD to construct the Faculty of Sciences at the Lebanese University in the North, within the framework of the Lebanese University campus in the North.
- Within the framework of the Paris III Conference, SFD has pledged US\$ 1000 million in soft loans for various projects, in addition to US\$ 100 million as a grant to support the Lebanese treasury.

European Investment Bank (EIB)

- A loan agreement for about 66 million euro is being under preparation between the CDR and the EIB to finance Kesrwan Wastewater Treatment Plant. CDR will be conducting the execution of the project.
- A loan agreement of about 100 million euro is being under preparation with the EIB to finance small and medium scale enterprises (SME) in the private sector. The Central Bank of Lebanon will implement the project.

The French Development Agency (AFD)

- A grant agreement for about 0.5 million euros will be signed with AFD to provide technical assistance to the Directorate General of Antiquities.
- A grant agreement for 1.5 million euro will be signed with AFD to finance the necessary studies, enhance capacities of the productive sectors and to contribute to the financing of the technical assistance provided to electricity sector reforms.

The French Government

- A Memorandum of Understanding covering a grant in kind offered by the French government is under preparation to finance the study related to the electricity sector master plan (production and transmission) and will be implemented by Electricité de France.

The Islamic Republic of Iran

- Preparations are expected to start for signing a financing agreement of 40 million euro with the Islamic Republic of Iran to cover the second phase of the Iranian Protocol (US\$ 100 million).
- On the other hand, the government of the Islamic Republic of Iran offered a grant in kind, that was accepted by the Council of Ministers on January 1, 2007, for the reconstruction of a number of bridges and roads damaged during the July 2006 war.

The Islamic Development Bank (IDB)

- The work with IDB is focused on the new financing program associated with the Paris III Conference, where IDB declared its intention to provide US\$ 250 million, including

US\$ 5 million in grants and US\$ 245 million covering various loans. Proposed projects to be financed within the framework of the US\$ 245 million were reviewed and the draft framework contract related to the IDB contribution was negotiated. The Council of Ministers also approved the list of projects included within the framework of this contribution. These projects are:

- Greater Beirut Water Projects (Bisri Dam)	US\$ 70 million
- Akkar Sewage Systems	US\$ 20 million
- Infrastructure works	US\$ 23 million
- Roads	US\$ 89 million
- Health	US\$ 32 million
- Construction of Public Schools	US\$ 5 million
- Reserves	US\$ 6 million
Total	US\$ 245 million

- It should be noted that IDB had agreed previously to allocate US\$ 5 million to finance the rehabilitation of Zaghla-Shwaya- Cheba'a road and Ghandourieh - Marjoun road out of the remaining balance of the South agreement signed in 2000.

- The bank also allocated US\$ 14.6 million to finance the modern slaughterhouse in Beirut, but the agreement has not been signed yet.

The World Bank (IBRD)

Within the framework of the declarations of intent made in Paris III Conference, work is proceeding with the World Bank to sign a financing agreement to support the general budget, on the condition that the reform program of the electricity and social services sectors is implemented.

- The first loan is expected to be about US\$ 100 million (within the framework of the reform agenda of the electricity sector) and the second loan to be around US\$ 100 million (within the framework of the reform agenda of the social services sector).

The Arab Fund for Social and Economic development (AFSED)

- The CDR and the AFSED are preparing a financing agreement of KD 35 million (about US\$ 117 million) to finance the electricity sector rehabilitation projects that will be implemented by CDR. The agreement was signed on January 15, 2007.

- The CDR and the AFSED are preparing a financing agreement (KD 25 million or about US\$ 84 million) to finance the loans provided to the private enterprises, which were damaged during the July 2006 war. (The agreement was signed on January 15, 2007).

Kuwait Fund for Arab Economic Development (KFAED)

- The CDR and the KFAED are preparing an additional financing agreement KD 7.5 million (about US\$ 25.5 million) to finance the educational buildings project in Beirut. (The agreement was signed on May 2, 2007).

The European Union (EU)

- The CDR and the EU are preparing a new grant agreement of 18 million euro within the framework of the MEDA2 Program for 2005- 2006 to finance the economic recovery and reconstruction project which will benefit public utilities in a number of municipalities damaged during the July 2006 war. The project will be implemented by CDR.

- The CDR and the EU are preparing a new grant agreement of 10 million euro within the framework of the MEDA2 program for 2005 -2006 to finance the technical assistance provided to public administrations in its reconstruction effort. The project will be implemented by CDR.

- The CDR and the EU are preparing a new grant agreement of 10 million euro within the framework of the European Neighborhood Program ENP 2007 Action Plan in Lebanon, to finance the political and socio- economic reforms support project for the benefit of public administrations. The Office of the Prime Minister will implement this project.

- The CDR , the EU and the Office of the Minister of State for Administrative Reform are preparing a new grant agreement of 18 million euro to finance the economic recovery project -1, for the benefit of municipalities. CDR and the Office of the Minister of State for Administrative Reform will implement the project jointly.

- The EU allocated a grant of 15 million euro as an interest subsidy to the loan agreement to be signed with EIB to finance the rehabilitation of small and medium scale enterprises in the private sector.

The Italian Government

- Negotiations are underway with the Italian government to prepare two executive agreements within the framework of the two Italian Financial Protocols (1977 and 1998-2006). The first will provide about 39 million euro for funding Jbeil Sewage Project and the second will provide about 55 million euro for financing the construction of Sewage Treatment Plants and collector networks in a number of Lebanese regions.

- In addition, an Italian mission conducted, between the 19th and 22nd of February 2007, an assessment of projects included in the government priorities list submitted to the Paris III Conference. The mission focused on projects to be

funded under a 30 million euro grant, which the Italian government pledged during 2007 as part of its Paris III commitments. The proposals shall be reviewed by the Italian government, in preparation for approving the related executive agreement.

The German Government

- A Memorandum of Understanding is being prepared with the German Government (5 million euro) in line with the Stockholm Conference commitment. The fund, managed by GTZ, covers existing vocational schools, potable water and electricity projects (The decree accepting this grant was issued on February 2, 2007). Implementation is directly by the donor in coordination with CDR.
- The general framework of the assistance offered by the German government during the Paris III Conference, totaling 30 million euro, is currently under negotiation

The Kuwait Fund for Arab Economic Development (KFAED)

Negotiations are underway with KFAED covering the following issues:

- 1- Securing additional financing for Beirut school project to cover funding shortages caused by the increasing cost of materials (The additional funding required is about KD 7.5 million or about US\$ 25 million).
- 2 - Securing a new loan to complete the International Highway (Hazmieh - Sofar section).
- 3 - Securing additional financing for the procurement of certain equipment for Rafic Hariri International Airport.

The US Government

Within the framework of the assistances promised by the United States at the Stockholm Conference, CDR has been assigned to continue the preparations for implementing the Mdeirej Bridge reconstruction project. This bridge was destroyed during July 2006 war.

The Council of the Ministers issued Decision No. 148 on March 20, 2007 to accept the US\$ 30 million grant to rebuild the bridge.

The US Government commissioned USAID to manage the project that will be implemented directly by the donor.

The Sultanate of Oman

The Sultanate of Oman donated US \$ 50 million to the reconstruction program (The grant agreement was signed on April 11, 2007)

The Korean Government

The Korean government donated a grant in kind, amounting to US \$ 5 million, dedicated for the construction of Tibnine School in the South and Brital school in North Beka'a. The Memorandum of Understanding covering this grant was signed on February 21, 2007. The Korean government will implement this grant through the Korean Agency KOLLA.

The Greek Government

The Greek Government donated two grants in kind, amounting to US \$ 2.5 million, which will be implemented directly by the donor. They include Rehabilitation and furnishing of two health centers and building overhead pedestrian bridges. The two grants were accepted during 2007.

Ratified, Signed & Approved Foreign Financing by 31 December 2006
(Under and Not under CDR Control)
Grants in US\$ million

Sector name	AFESD	SFD	Saudi	KFAED	Kuwait	UAE	ADFD	Oman	Qatar	Iran	IDB	IBRD	EU	EIB	UN	IFAD	OFID	France	Germany	Italy	Japan	China	Comm. banks	USA	Other sources	TOTAL
Electricity	0.35				23.30							5.00	4.89		0.05			11.22							0.00	44.81
Telecommunications													1.05		0.04			0.00							0.00	1.09
Roads and Highways			114.51		110.00				150.00									0.30		6.58	0.87				1.53	382.26
National Education			25.70								1.91		8.68		0.96			0.00		3.95	0.52				0.91	41.72
Vocational & Technical education					3.00																				0.00	23.04
Culture & Higher education	0.52		0.08					1.50				0.03	3.95		2.43			2.05		0.75					0.00	11.31
Youth & Sports			10.44		16.33													0.00							0.00	26.77
Public health			39.69	8.73	25.00								1.32		1.95		0.19	1.04			12.42				2.14	90.34
Social affairs	10.38											0.30	32.88		4.13			0.00							0.67	47.69
Integrated development & Environment			395.00		115.00				151.14				1.67		5.31			0.00							0.00	668.12
Water supply			11.90		40.00							15.00	7.75	8.55				3.01	7.25		0.96				0.24	94.42
Wastewater					14.00								51.97	2.37	0.01			0.31	11.08		0.62				0.00	80.36
Solid waste													0.35					0.00			0.22				0.17	0.57
Environment & Physical Planning						50.00							0.11		11.16			0.00	0.28					0.13	1.32	61.68
Public Transport																		0.45			0.22				0.00	0.67
Airport															2.35			0.80							0.00	3.15
Ports																		0.40							0.00	0.40
Agriculture				0.35									23.67		12.29			3.78	0.16	2.83	0.28				0.00	43.36
Irrigation	1.73																	0.21			0.38				0.00	2.32
Industry													39.47		1.08			1.00	0.34						0.00	41.89
Oil & Gas																		0.40							0.00	0.40
Tourism	0.35														0.37			0.00			0.30				0.00	1.02
Private sector services													0.05		0.38			0.20							0.00	0.63
Government buildings			1.26			5.00			1.00									0.00							0.00	7.26
Public administration	0.14														0.04			0.00			0.56	0.64			0.00	1.38
Public Information	0.17																	0.00				0.19			0.00	0.36
Management & Implementation, Other	3.69			1.04	15.00			13.50			0.30	0.87	179.27	0.94	15.41			5.12	1.21		1.21				0.00	237.56
Miscellaneous	12.56		20.00		20.00				25.00		100.00	51.03	55.57		1.45			0.11	2.01	39.67		5.12			0.00	332.52
Undefined Sector			45.41										2.67					0.00	0.94						0.00	49.02
Grand total	29.89	0.00	663.99	10.12	381.63	55.00	0.00	15.00	327.14	0.00	102.21	72.23	415.43	11.86	59.46	0.00	0.19	30.81	40.07	66.66	7.09	7.23	0.00	0.13	6.98	2,303.12

Ratified, Signed & Approved Foreign Financing by 31 December 2006 (Under and Not under CDR Control)

Loans in US\$ million

Sector name	AFESD	SFD	Saudi	KFAED	Kuwait	UAE	ADFD	Oman	Qatar	Iran	IDB	IBRD	EU	EIB	UN	IFAD	OFID	France	Germany	Italy	Japan	China	Comm. banks	USA	Other sources	TOTAL
Electricity	287.81			59.84						17.00	131.47	104.73		80.23				94.12	67.56	261.05			299.83		0.00	1,403.64
Telecommunications				32.04							11.66	12.70						10.63							0.00	67.03
Roads and Highways	269.11	134.25		77.28			10.00				128.41	106.69		105.22			25.00								0.00	849.96
National Education	21.26	15.81		50.57							34.35	56.57	6.58					0.50						0.00	0.00	185.64
Vocational & Technical education	49.53										30.58	58.37					3.75	6.01						0.00	0.00	148.24
Culture & Higher education	98.93	14.47									103.32							6.25		13.45				0.00	0.00	236.42
Public health		45.98									94.76	35.70	1.05				15.11	5.44						0.00	0.00	198.04
Social affairs												20.00								1.50				0.00	0.00	21.50
Integrated development & Environment	27.67						25.00					13.27												0.00	0.00	65.94
Water supply	66.92	34.46		101.35			10.00			14.00	65.98	130.87		96.69			5.00	83.15		38.93	68.59			0.00	0.00	715.94
Wastewater	46.35						17.50			2.25	47.74	10.33		272.91				91.00	21.34	52.24	31.65			0.00	0.00	593.31
Solid waste												31.92												0.00	0.00	31.92
Airport				51.89										118.37				24.88						0.00	0.00	195.14
Ports														118.37				3.02					0.46	0.78	0.00	122.63
Agriculture												21.51					5.00	2.29					21.00	0.00	0.00	80.83
Irrigation	81.63			65.03								56.71												0.00	0.00	203.37
Industry														39.46				1.20					1.00	0.85	0.00	42.51
Oil & Gas											25.00													0.00	0.00	25.00
Tourism												28.11		39.46				15.78						0.00	0.00	83.35
Government buildings		6.32								11.25	14.60													0.00	0.00	32.17
Public administration	13.49											126.41										1.28		0.00	0.00	141.18
Public Information Management & Implementation, Other	71.01	1.56		2.82							1.16	5.26					0.25	6.61				6.40		0.00	0.00	6.61
Miscellaneous	0.18													78.92					7.89					0.00	0.00	88.46
Undefined Sector	64.68	4.13		10.03						7.62	12.48	10.87						28.10						0.00	0.00	86.99
Grand total	1,098.57	256.98	0.00	450.85	0.00	0.00	62.50	0.00	0.00	52.12	701.51	824.02	7.63	949.63	0.00	31.78	54.11	378.98	96.79	367.17	109.62	7.68	301.29	21.00	1.63	5,773.86

Ratified, Signed and Approved Foreign Financing by 31 December 2006
(Under and Not under CDR Control)
Total in US\$ million

Sector name	AFESD	SFSD	Saudi	KFASD	Kuwait	UAE	AUPTD	Oman	Qatar	Iran	IDB	IBRD	EU	EBR	UN	IFAD	OECD	Germany	Italy	Japan	China	Comm. banks	USA	TOTAL	A R A B L I A A G U E	AGUINI	Argentina	METAP	Belgium	Ireland	Spain	Norway	Sweden	Greece	HRC	CBHF	France												
Electricity	284.15			58.84	23.36				17.00	131.47	109.73	4.89	88.23	0.95			105.34	67.56	261.65			299.83		0.00	1,484.44	2,290.31											0.00		105.34	105.34									
Telecommunications				32.84						11.66	12.70	1.05		0.04			10.63							0.00	68.12											0.00		10.63	10.63										
Roads and Highways	269.11	134.25	114.51	77.28	110.00	10.00			150.00		108.69		105.22			25.00	0.30	6.58	0.87					1.53	1,235.75									0.26	1.27	1.53	0.30	0.30											
National Education	21.26	15.81	25.70	58.37						36.36	56.57	15.25		0.96			0.59	3.95	0.52					0.91	228.26	1,768.47										0.76	0.91	0.50	0.50										
Vocational & Technical education	48.51			3.06						36.36	58.37	0.11		0.03		3.75	6.42	16.80	0.46	0.95	1.28		0.00	171.28											0.00		6.42	6.42											
Culture & Higher education	99.45	14.47	0.00					1.50		103.12	0.03	3.95		2.43			8.29	14.20					0.00	247.72										0.00		8.29	8.29												
Youth & Sports			10.44		16.33												0.00						0.00	26.77										0.00		0.00	0.00												
Public health	45.86	38.69	8.73	25.80						94.76	35.70	2.37		1.95		15.30	6.48	12.42					2.14	298.52									0.84	1.30	2.14	6.48	6.48												
Social affairs	10.38											20.30	23.80		4.13		0.00		1.50				0.57	68.86									0.24		0.57	0.00	0.00												
Integrated development & Environment	27.87	395.00		115.60		25.00		151.14			13.27	1.67		5.31			0.00						0.00	734.06												0.00		0.00											
Water supply	66.82	34.46	11.90	101.35	41.00	10.00		14.00	65.60	145.97	7.75	105.24				5.00	86.16	7.25	38.93	69.55			0.34	816.60	1,579.92											0.24	86.16	86.16											
Wastewater	46.35				14.00	17.50			2.25	47.74	10.33	51.97	275.37	0.01		91.31	32.42	52.34	32.27				0.00	673.66											0.00	91.31	91.31												
Solid waste											31.92	0.35					0.00						0.17	32.66										0.17			0.00												
Environment & Physical Planning					20.00							0.11		11.16			0.00	0.28					0.13	13.32	63.00									0.98		1.32	0.00	0.00											
Public Transport																	0.45		0.22				0.00	0.67	846.69										0.00	0.35	0.10	0.45											
Airport				51.88													25.68						0.00	198.29											0.00	25.68	25.68												
Ports																	3.42					0.46		0.78	123.03										0.78	3.42	3.42	0.78	3.42	3.42									
Agriculture				0.35								21.51	23.67		12.29	31.03	5.00	0.16	2.83	0.28			21.00	0.00	124.20										0.00	1.98	4.10	6.08											
Irrigation				65.80								56.71					0.21			0.38				0.00	265.69										0.00	0.21	0.21	0.00	0.21	0.21									
Industry																	2.21	0.34				1.00		0.85	84.41									0.85	0.85	2.21	2.21	0.85	2.21	2.21									
Oil & Gas										25.00							0.40							0.00	25.40										0.00	0.40	0.40	0.00	0.40	0.40									
Tourism	0.35											28.11					15.78		0.30				0.00	84.37											0.00	15.78	15.78	0.00	15.78	15.78									
Private sector services																	0.20						0.00	0.63											0.00	0.20	0.20	0.00	0.20	0.20									
Government buildings		6.32	1.26			5.00											0.00						0.00	39.43	1,131.54										0.00		0.00	0.00	0.00	0.00									
Public administration	13.63																0.00						0.00	142.56										0.00		0.00	0.00	0.00	0.00										
Public Information	0.17																6.61					0.19		6.97										0.00	6.61	6.61	0.00	6.61	6.61										
Management & Implementation, Other	74.79	1.56		3.86	15.80		13.59				1.46	6.12	179.27	0.94	15.41		5.12	1.21		1.21	6.40		0.00	326.01										0.00	5.12	5.12	0.00	5.12	5.12										
Miscellaneous	12.74		20.00		20.00			25.00			100.00	51.03	55.57	78.82	1.45		0.11	9.90	39.67		5.12			0.00	419.51										0.00	0.11	0.11	0.00	0.11	0.11									
Undefined Sector	64.68	4.13	45.41	10.83					7.62	12.48	10.87	2.67			0.75	28.10	0.94			9.38			0.00	197.06											0.00	28.10	28.10	0.00	28.10	28.10									
Grand total	1,129.45	256.90	603.99	469.97	381.63	55.60	62.51	15.90	327.14	52.12	803.72	896.24	423.65	961.48	39.44	31.78	54.39	499.80	136.86	433.03	116.71	1,451	301.29	21.13	8.61	0.07533	0.07653							0.20	0.10	0.39	0.34	1.83	0.05	0.00	0.00	2.25	0.24	2.57	0.76	8.61	2.44	467.36	469.80

FUNDING SOURCE NAME	Abbreviation
Arab Fund for Economic & Social Development	AFESD
Saudi Fund for Development	SFD
Kingdom of Saudi Arabia	Saudi
Kuwait Fund for Arab Economic Development	KFAED
Kuwait	Kuwait
United Arab Emirates	UAE
Abu-Dhabi Fund for Development	ADFD
League of Arab States	ArabLeague
Economic and Social Commission for Western Asia	ESCWA
Arab Gulf Program for the Support of United Nation Development Commissions	AGfund
Argentina	Argentin
Sultanate of Oman	Oman
State of Qatar	Qatar
Islamic Republic of Iran	Iran
Islamic Development Bank	IDB
International Bank for Reconstruction & Development (The World Bank)	IBRD
European Union	EU
European Investment Bank	EIB
High Relief Commission (Lebanon)	HRC
United Nations Secretariat (Including country pledges) + Agencies	UN
Mediterranean Environmental Technical Assistance Program	METAP
Conseil Regional d'Ile de France	CRIF
International Fund for Agricultural Development	IFAD
OPEC Fund for International Development	OFID
Le Gouvernement Du Royaume De Belgique	Belgium
Republic of France, French Agency for Development (FAD), French protocol	France
Ireland	Ireland
Republic of Germany	Germany
Republic of Italy	Italy
Kingdom of Spain	Spain
Norway	Norway
Japan	Japan
People's Republic of China	China
Various Commercial Banks.	Comm. Banks
Swedish International Development Cooperation Agency (ASDI)	Sweden
Netherlands	Netherlands
United States of America	USA
Global Environment Fund	GEF