

ADEME



Agence de l'Environnement
et de la Maîtrise de l'Energie



Faculty of Engineering
Lebanese University

GRASS MED



**A New Building Rating System for
Lebanon and Mediterranean Region**



Drive Through The Future ... **GO GREEN**

GRASS – Green Recovery And Sustainable Solutions

“GRASS” is a new rating system that covers the main features of Green Buildings Standards that are suitable for Mediterranean Climate, Environment and Lifestyles.

Because “Green Building Design and Construction” is a new trend conquering our regional construction market, Lebanon should be among the pioneers who tend to adapt and support these concepts. It’s obvious that our Lebanese Legislations do not offer the incentives that promote for “Green Lebanon”. That’s why it’s essential to build our own high standards of design and construction that contribute to save our

Environment and our energy without losing high efficient performance of buildings as well as their internal thermal comfort. For the sake of Green Sustainability in Lebanon and in the Mediterranean region, the high standards must be all integrated in one rating system to provide a full package of “Effective and High-Efficient Performance of Buildings”. The new proposed rating system is called **“GRASS”**.

GRASS – *Green Recovery And Sustainable Solutions*

GRASS – is a new approach of rating system for New Designed and Existing Commercial & Residential Buildings in Mediterranean region.

From its name, its intent is to mitigate negative impacts of buildings on the environment including CO₂ emissions, heat island effect, intensive energy consumptions, water consumption, etc. Not only that, but also it aims to provide our next generations the opportunity to live in healthier, durable, and friendly environmental buildings.



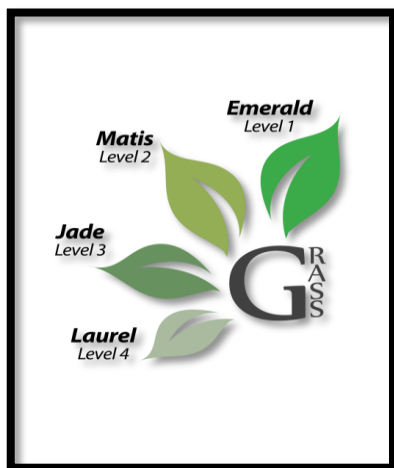
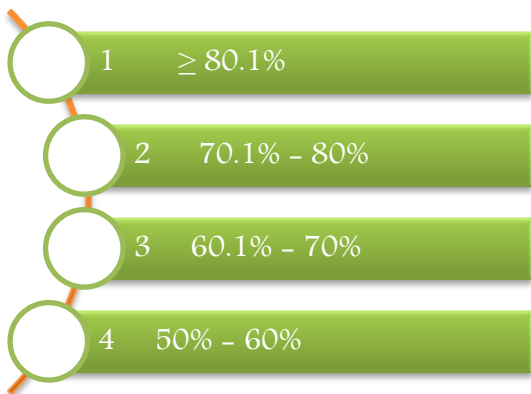
GRASS – Green Recovery And Sustainable Solutions

“GRASS” consists of four major indicators and 20 sub-indicators:



GRASS – Green Recovery And Sustainable Solutions

“GRASS” Levels with respect to the Percentage of Awarded Points:



GRASS – Green Recovery And Sustainable Solutions

Assessor plays an important role in the building rating system, we have to take care of their knowledge about “GREEN BUILDINGS” and anything related to this domain.

So, who wants to become an assessor, he (she) has to follow a program (training sessions) consisting of some steps, and at the end of the program the person is ready to be an assessor and take projects to make assessment.

This program (training sessions) has many benefits, including:

- Improving the skills and knowledge of the participant about the “**GREEN BUILDINGS**” in general and about the “**GRASS**” building rating system.
- Participant will attain “**ALMEE**” accreditation.
- Participant will be listed on the “**GRASS**” building rating system website.

GRASS is managed with the technical assistance of **ECOTECH**

GRASS – Green Recovery And Sustainable Solutions

Steps that you need to certify your project according to the **GRASS** building rating system.

Registration

Agreement

Assessment

Report

- by assessor to ALMEE

Certification

- issued by ALMEE

Technical Committee: Adel Mourtada - Haneen Hamdan - Farah Mneimneh – Adnan Jouni – Rayan Mourtada - Ali Oleik – Hussein Raad – Ali Karaki – Joseph Bou Harb – Elie Barakat – Assaad Bakkar
Steering Committee: Said Chehab – Tony Matar – Rita Najjar



GO GREEN

**SAVE OUR WORLD
THERE IS NO PLANET B**

Do not hesitate to visit our website

www.grass-med.com

E-mail: grass.med@gmail.com

**ALMEE – Lebanese Association for Energy Saving
and for Environment – www.almeelebanon.com**

Lebanon - Beirut - Po.box. 50184

Tel: +(961) 71578566

Fax:+ (961) 1-383908

E-mail: alme@inco.com.lb