



Funded by the European Union

Hosted by



NATIONAL AGENCY FOR ENERGY CONSERVATION  
ANME

A sustainable and renewable engagement



MEET MED WEEK

22 - 24 APRIL 2024  
HAMMAMET - TUNISIA

In partnership with



الوكالة الوطنية لتطوير استخدام الطاقة وترشيده



Mitigation Enabling Energy Transition in the MEDiterranean region

# Financing Mechanisms in Lebanon

Mohammad Hijazi, Energy Engineer,

LCEC

23<sup>rd</sup> April 2024

Hammamet, Tunisia



LEBANESE CENTER FOR ENERGY CONSERVATION  
المركز اللبناني لحفظ الطاقة



الوكالة الوطنية لتطوير استخدام الطاقة وترشيده

# The National Energy Efficiency and Renewable Energy Action - NEEREA

- A national financing mechanism that allowed private sector entities to get subsidized loans for any type of energy efficiency and renewable energy projects.
- NEEREA was active through all Lebanese commercial banks under the leadership and management of BDL.

## **The National Energy Efficiency and Renewable Energy Action - NEEREA**

- It is a national platform built and launched on 25 November 2010 based on the Circular 236 of the Central Bank of Lebanon, which lists the terms and conditions to get subsidized green loans in collaboration with EU.

## **The National Energy Efficiency and Renewable Energy Action - NEEREA**

- The loan was eligible to private, existing and newly built facilities. It has a ceiling of 10 million USD and was offered at a low interest rate for a maximum of 14 years including a grace period of up to 6 months to 4 years.

## Procedure - NEEREA

- Prepare a technical report (as per the reports' templates prepared by the LCEC) either by the client himself or by the appointed energy company including a full feasibility study with full financial and technical analysis. The report should also include the total amount of the requested loan.
- Pick a commercial bank where the loan is then studied.
  - Projects and loan requests below 20,000 USD do not require the direct approval of BDL; hence, the report will be sent directly by the commercial banks to LCEC.
  - For loan amount exceeding 20,000 USD, the commercial bank first submits the technical report to BDL for approval and BDL, in turn; sends the official report to LCEC for technical verification.

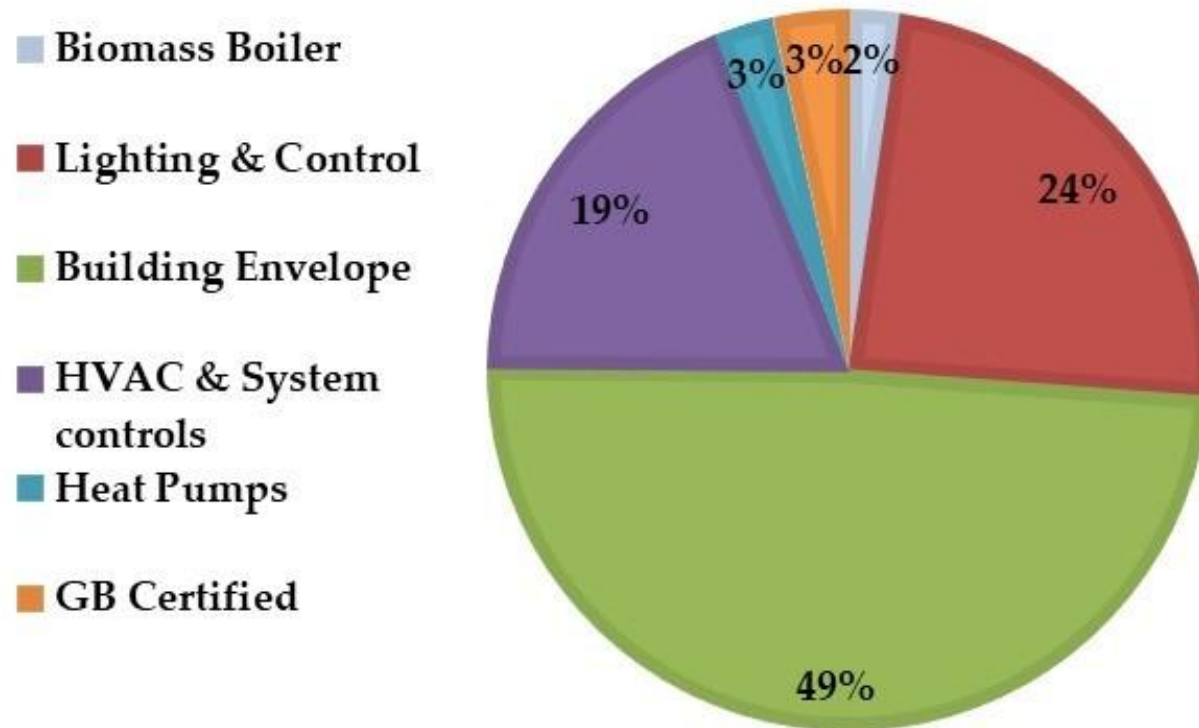
## Procedure - NEEREA

- The report, once studied by LCEC, is re-sent to BDL for review and send the results to the commercial bank.
- The commercial bank informs the client whether the loan is granted or rejected. If granted, the client can then implement the technical solutions.

## Results - NEEREA

- 1000 Projects were approved till June 2020
- Annual Savings around 73,253,210 USD
- Reduction of 260,163,325 kWh annual and 281,245 tons of CO<sub>2</sub>
- The top three sectors involved in NEEREA loans are the Commercial Sector with 52%, the Residential Sector with 31%, and the Industrial Sector with 8%.

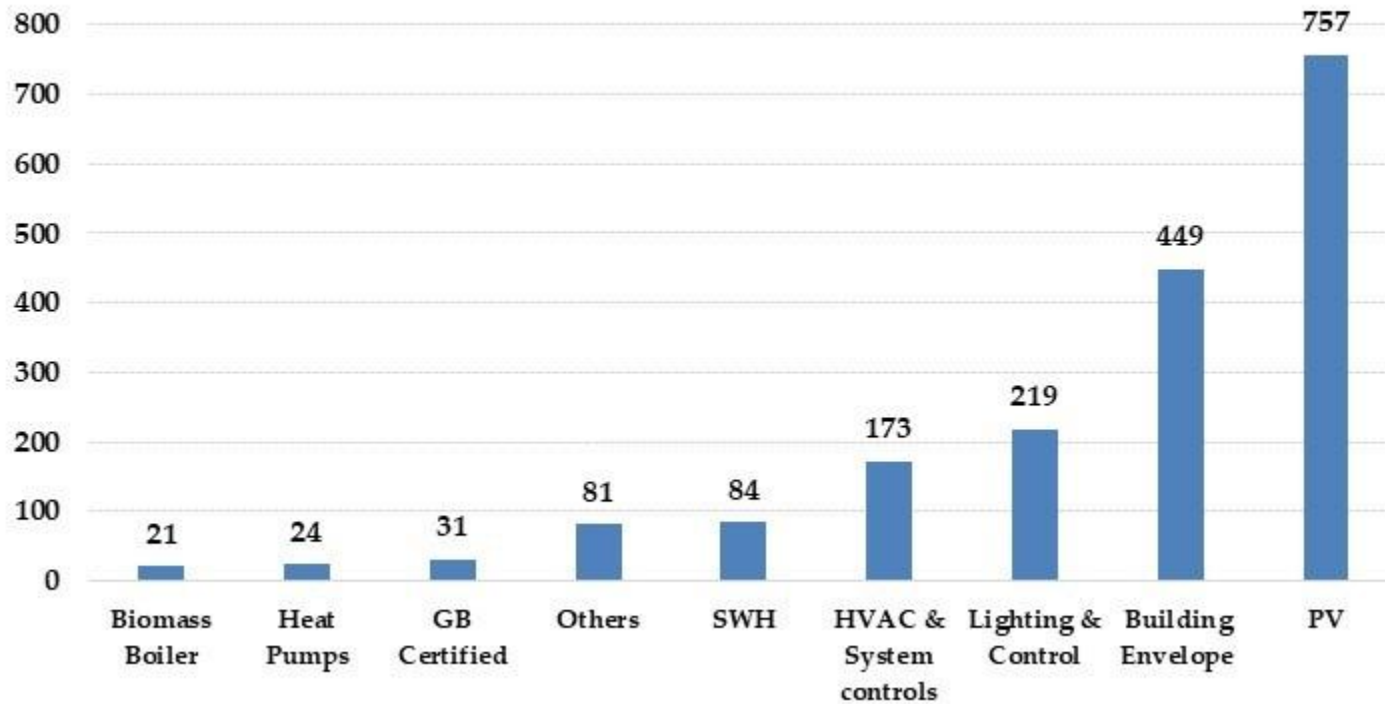
Moreover, the EU grant has been provided to 59 different projects.





Around 47% of the projects benefiting from NEEREA loans are EE projects.

Number of projects per technology



## Other Funds

- The Cool Up project is aiming to implement a Demo Project in Lebanon.
- The Home Appliances project, will fund 5,792 units, with discounted price on the equipment.
- The Heat Pump project, is also planning on installing 30 units of heat pumps all around Lebanon.
- In the Cool Up project, we have developed a feasibility study to implement Energy Efficiency measures on the building envelope.
- Green Economy Financing Facility – GEFF
- Lebanon Energy Efficiency and Renewable Energy Finance Facility – LEEREFF

# Contact us!



Mitigation Enabling Energy Transition in the MEDiterranean region  
Together We Switch to Clean Energy



MEETMED WEEK 2024

Third Edition - Tunisia

**For any inquiries or comments,  
please don't hesitate to contact us**

Name: Mohammad Hijazi

Email: [mohammad.hijazi@lcec.org.lb](mailto:mohammad.hijazi@lcec.org.lb)

Organization: LCEC



This project is funded  
by the European Union



[www.meetmed.org](http://www.meetmed.org)



meetMED Project



meetmed1



meetMED