

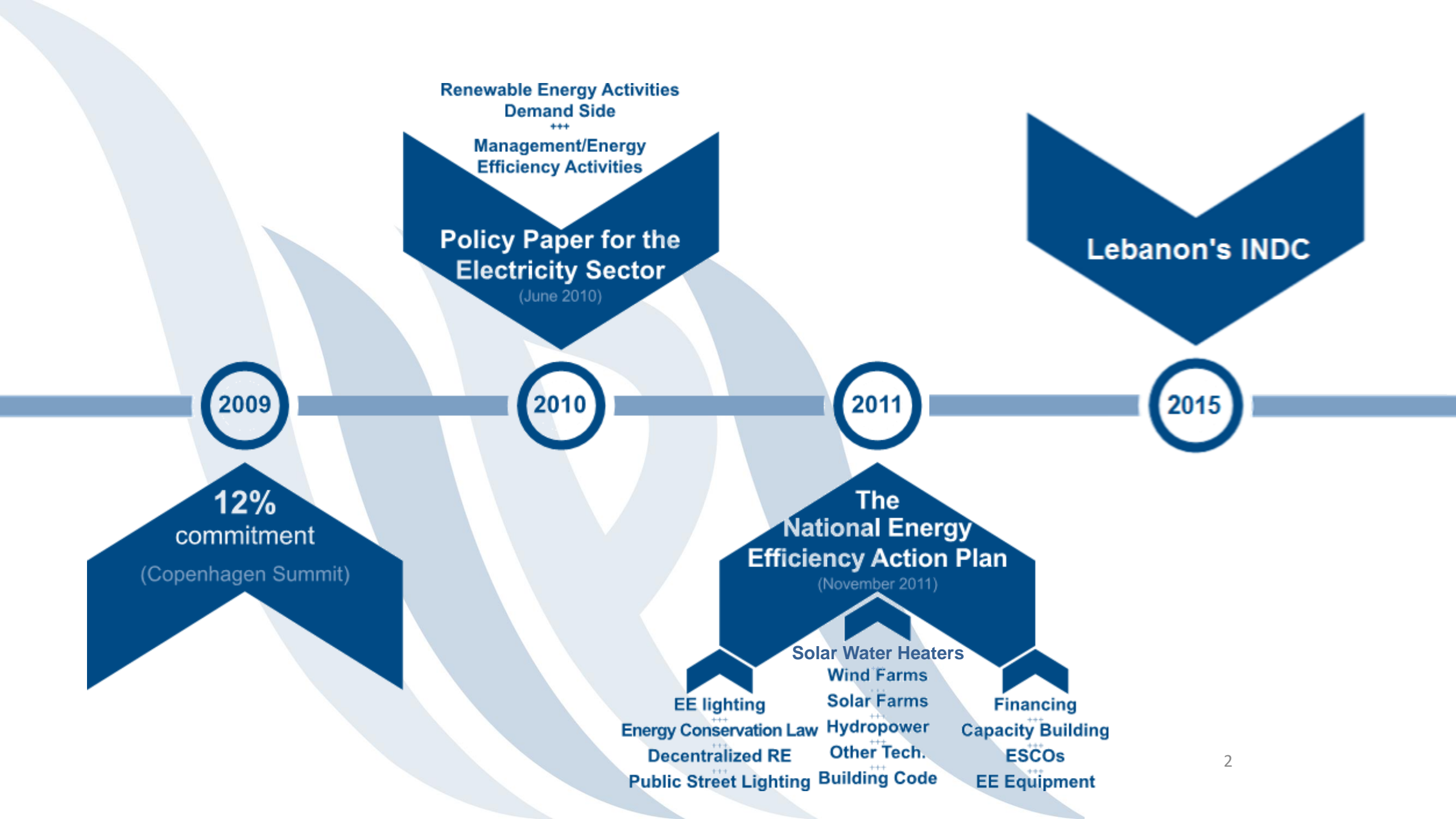


Renewable Energy in Lebanon

Current status & ongoing plans

By Rani Al Achkar,
Director – Engineering &
Planning

MeetMED Workshop
December 2019
Rome, Italy



The National Renewable Energy Action Plan

2016

The National Energy Efficiency Action Plan

2018

30% Commitment
PM Saad Hariri

MEW Updated Policy Paper for the Electricity Sector

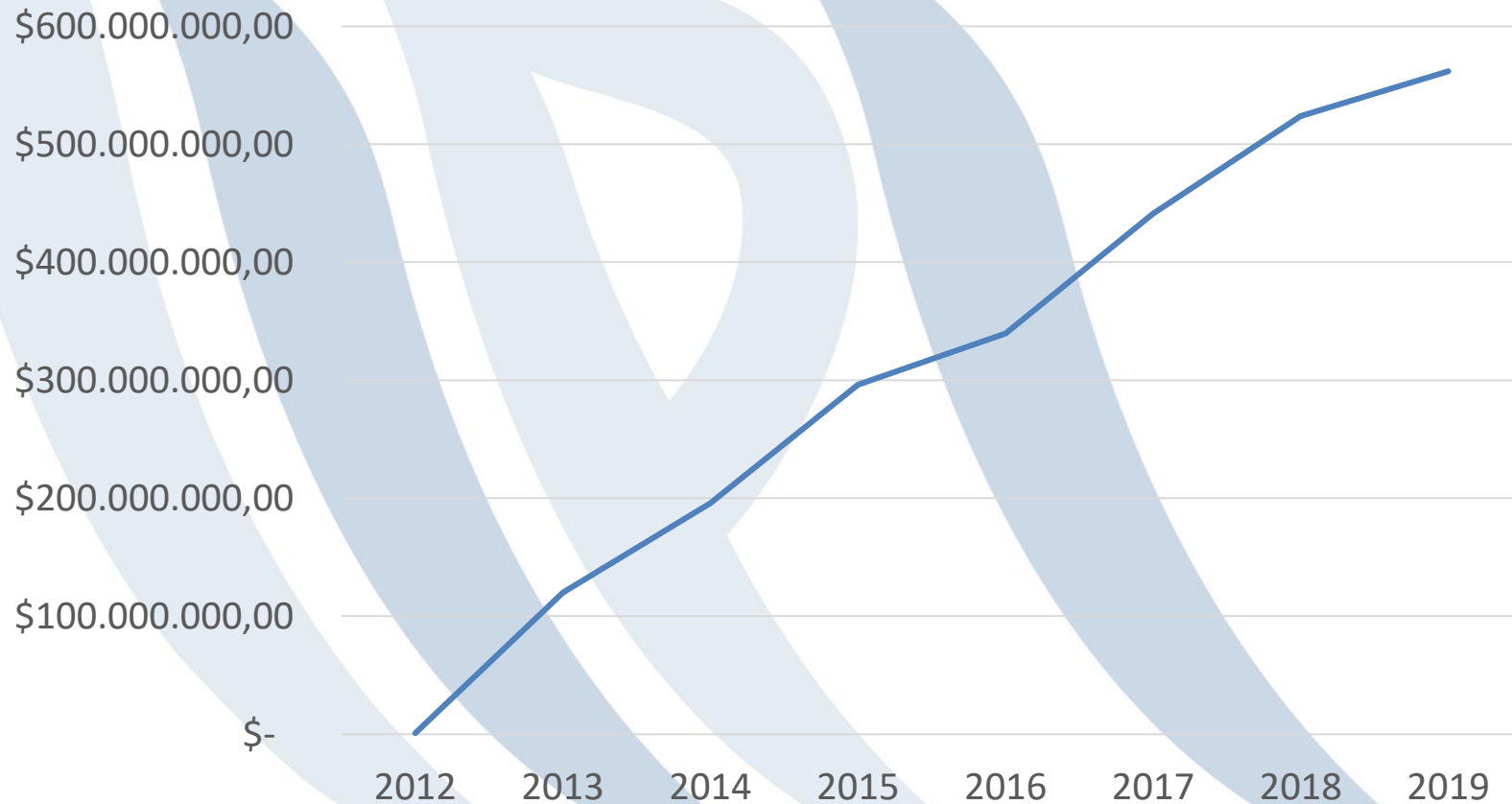
2019

IRENA Renewable Energy Outlook

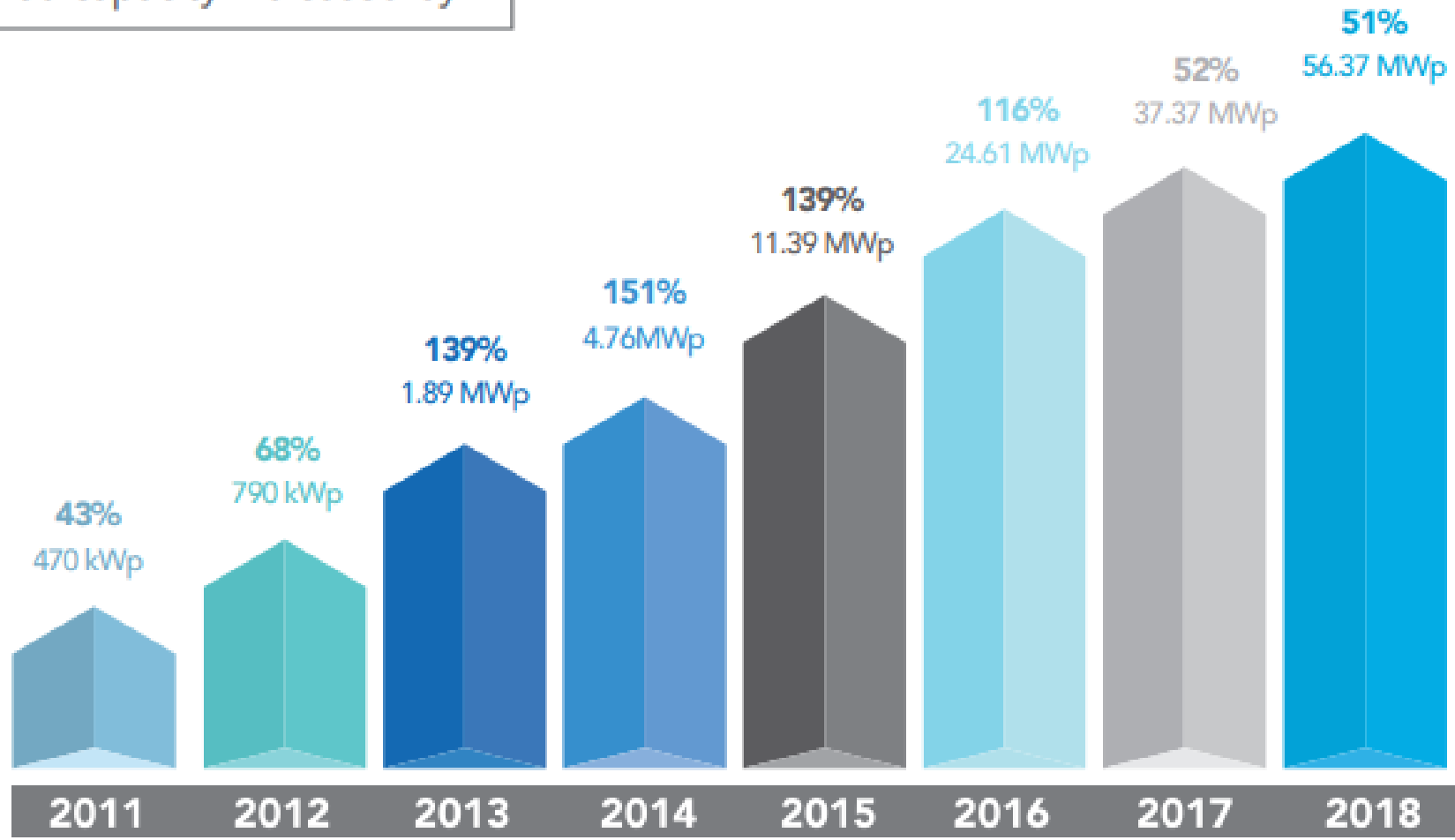
REmap + Renewable Readiness Assessment
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National Energy Efficiency and Renewable Energy Action (NEEREA Financing Mechanism)

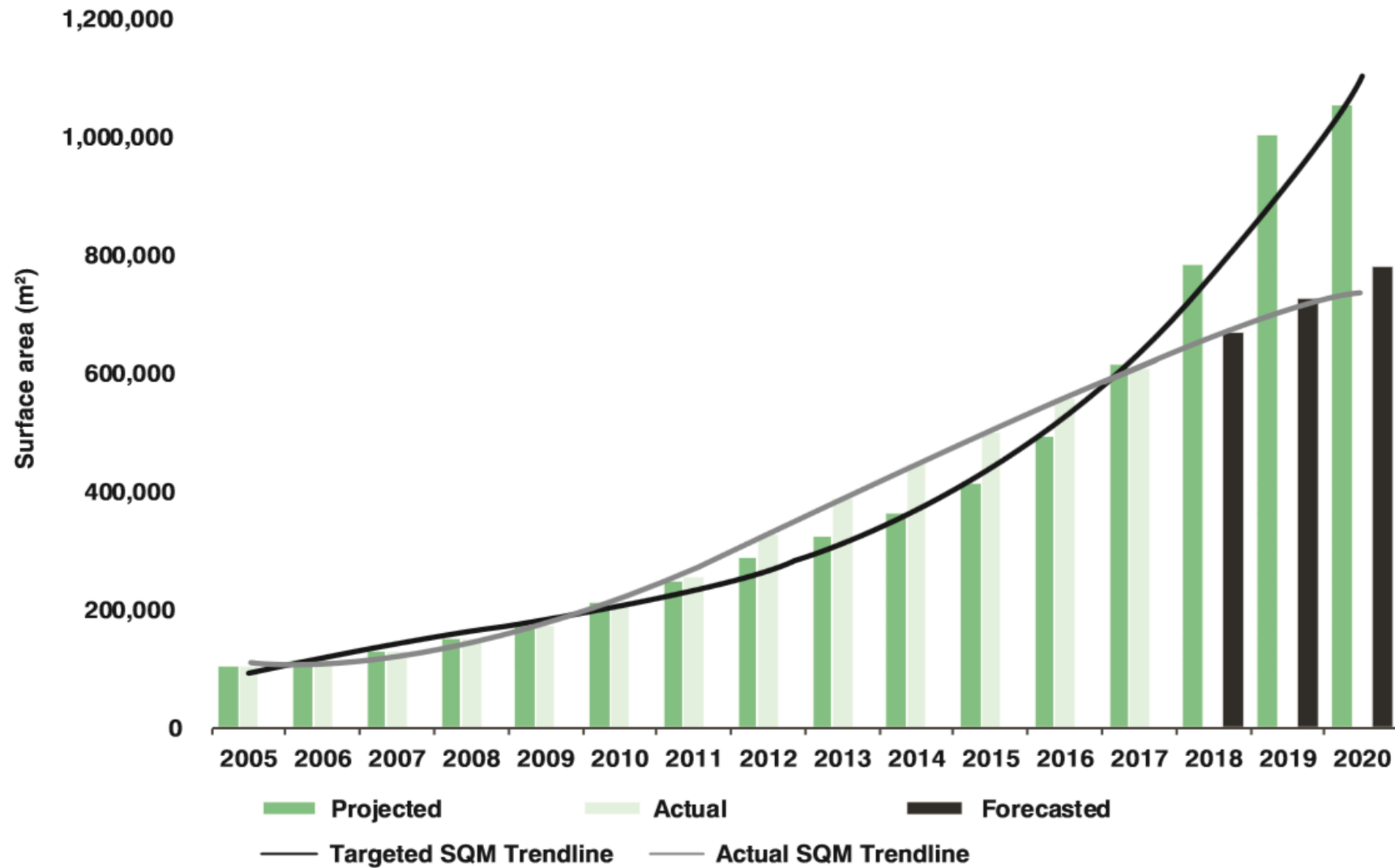
➤ **More than 780 projects are approved under the NEEREA financing mechanism with a total amount of more than 550 Million USD**



In 2010, Lebanon's solar PV installed capacity equaled **330 kWp**.
The installed capacity increased by:

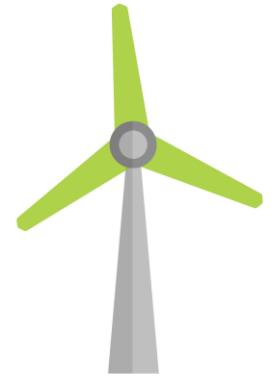


From 2010 until the end of **2018**, the cumulative installed solar PV capacity grew by an average rate of **95%** per year.

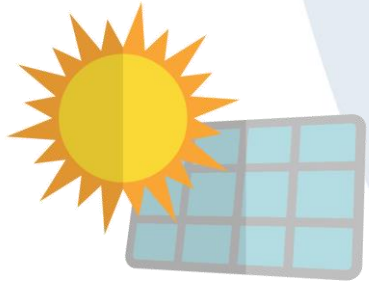


- The goal for SWHs for 2020 is to reach 1,054,000 SQM of installed solar water heaters
- Until 2017, the yearly goal has been surpassed
- More effort has to be put into the market to reach the coming years' target

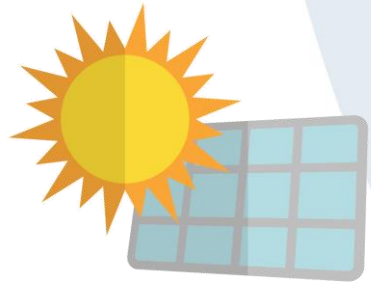
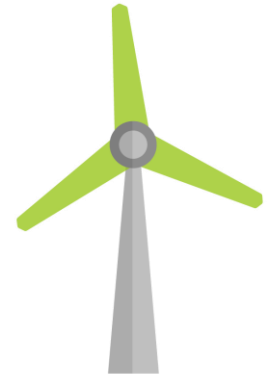
**3 Power Purchase Agreements (PPAs) signed
Installed Capacity 226 MW in Total
Expected Commercial Operation Date (COD): Feb 2021**



**28 proposals shortlisted & under evaluation, 12 PPAs to
be signed end of 2019
Installed Capacity 180 MWp in total (10-15 MWp each)
Expected Commercial Operation Date (COD): Q1 2021**

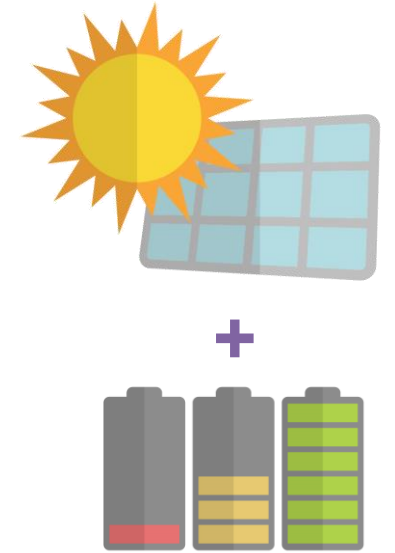


Call for Expressions of Interest (EOIs): 42 EOIs received
Request for Proposals (RFP) launched in September
4 proposals to be selected
Installed Capacity 240 – 520 MW



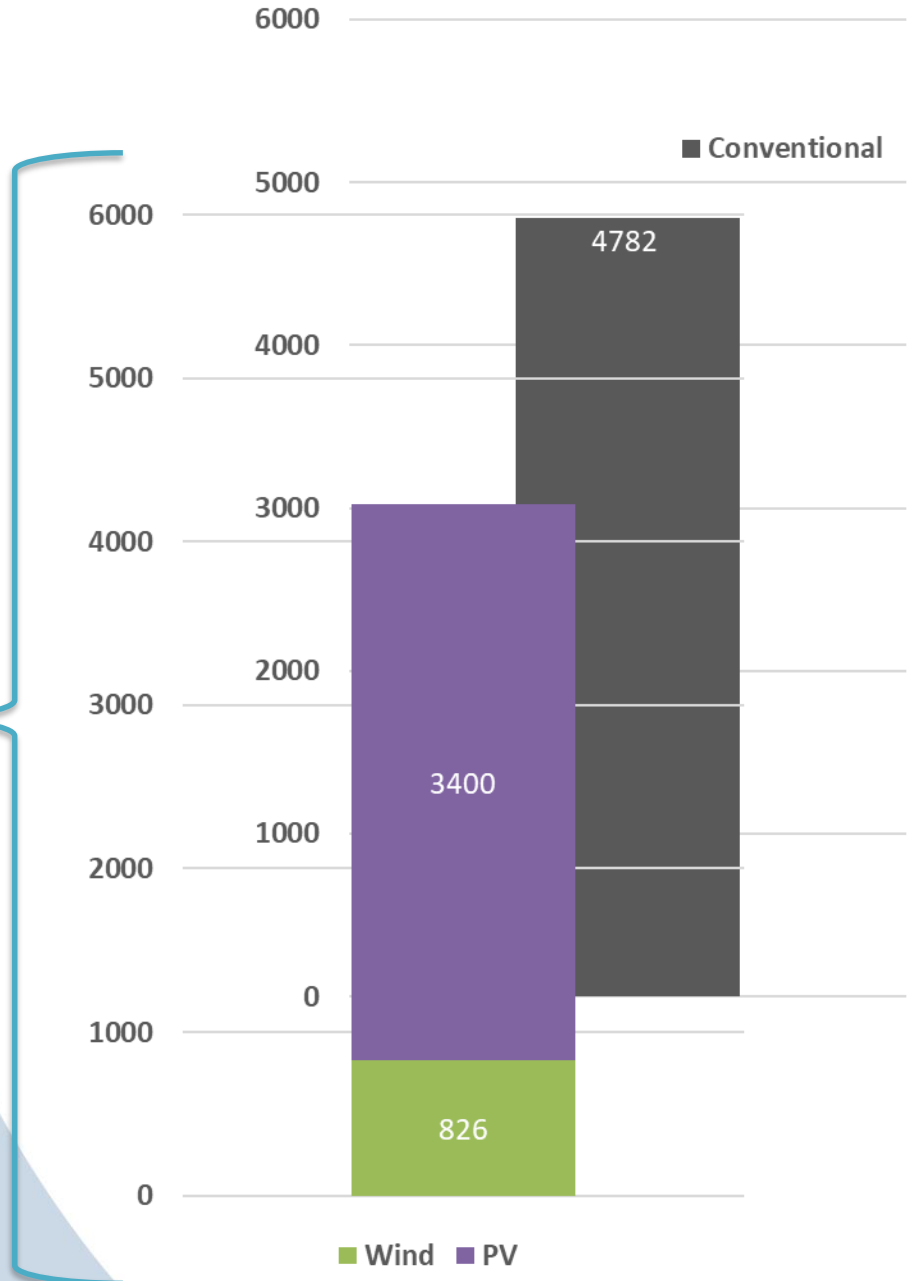
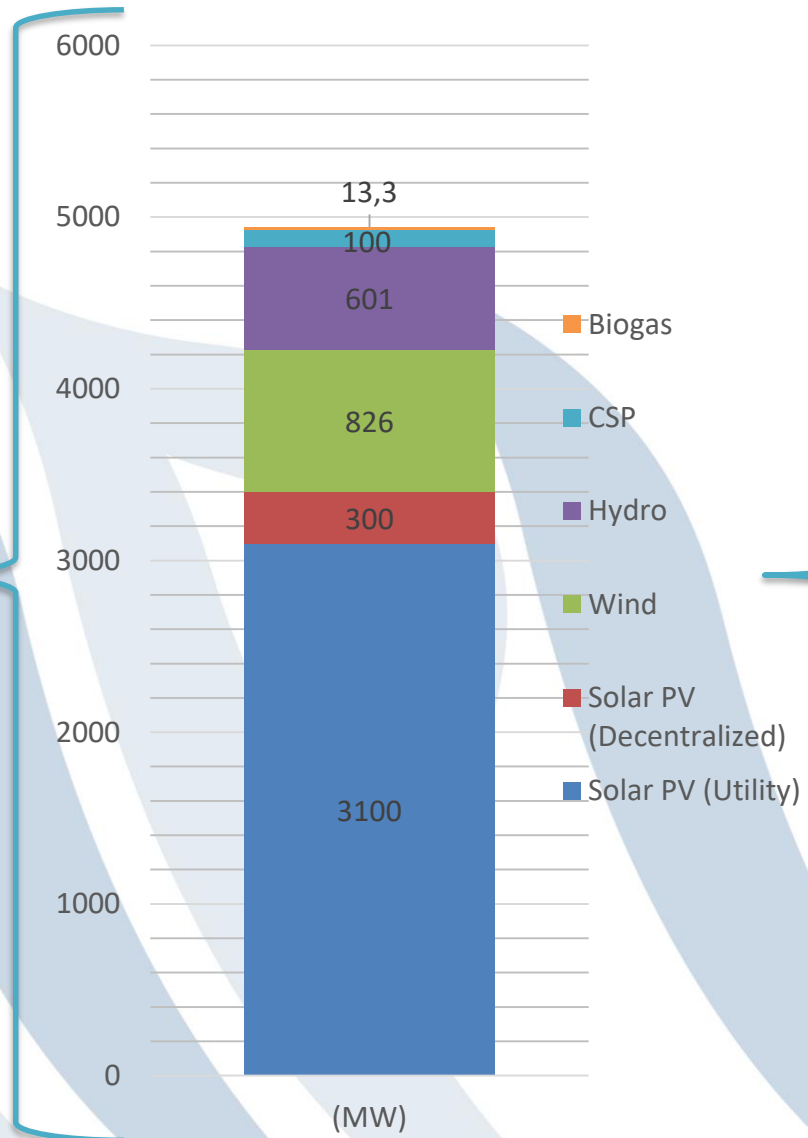
Round 2 to be launched end of 2019
24 proposals to be selected
Installed Capacity 360 MWp in total (10-15 MW each)

Call for Expressions of Interest (EOIs): 75 EOIs received
Request for Proposals (RFP) is under preparation
6 proposals to be selected
Installed Capacity 300 MWp – 35MW/35MWh



Call for Expressions of Interest (EOIs): 25 EOIs received

30% RE share in the Electricity Demand by 2030



As per the IRENA Renewable Energy Outlook - Draft REmap Chapter – presented in the IRENA Validation Workshop, Beirut on 8 May 2019



LEBANESE CENTER FOR ENERGY CONSERVATION
المركز اللبناني لحفظ الطاقة

efficient resources, sustainable achievements

Thank You!

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