

Renewable energy potential in **Romania** and the **CESEC** region



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EUFORES Workshop: Perspectives for renewables in Romania and the CESEC region

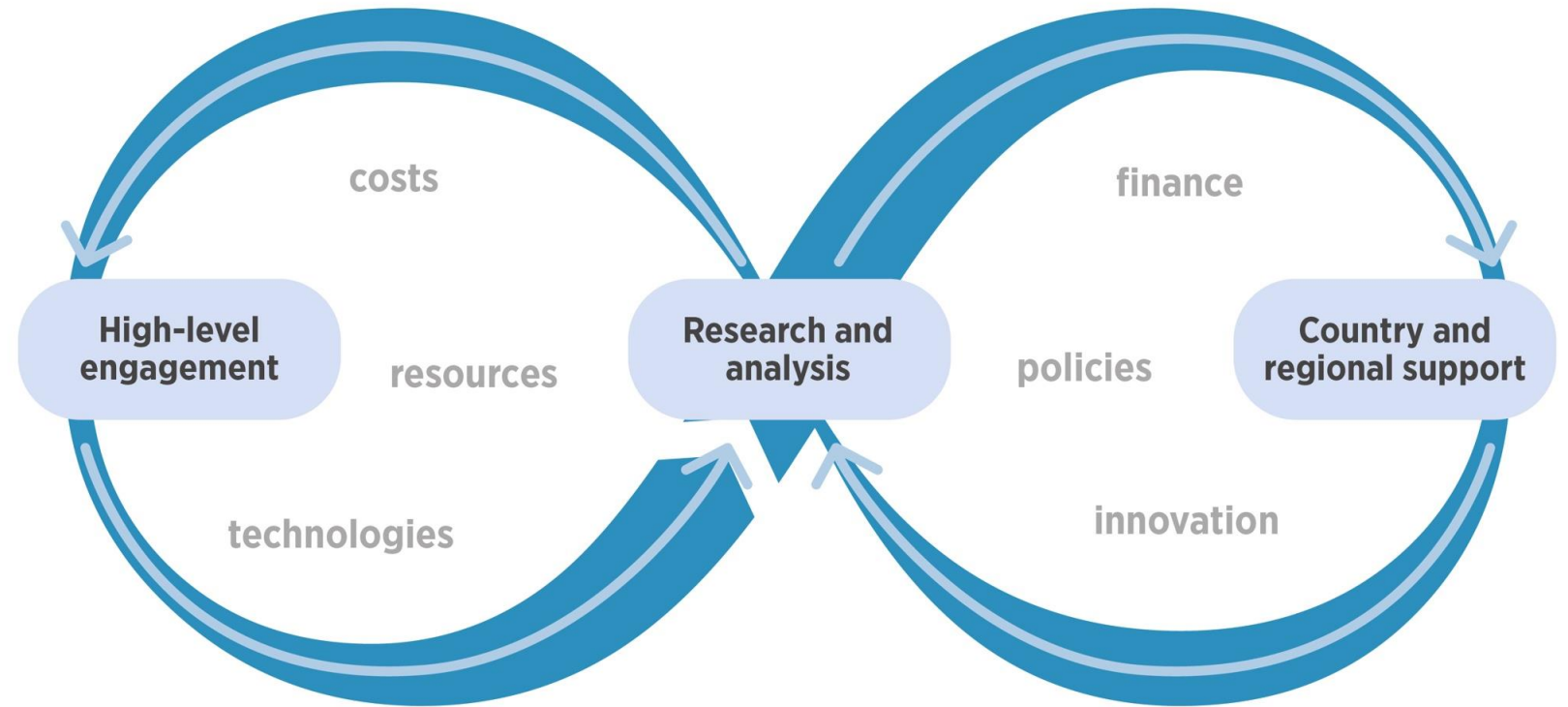
About IRENA



Established in 2011.

Headquartered in
Abu Dhabi, UAE.

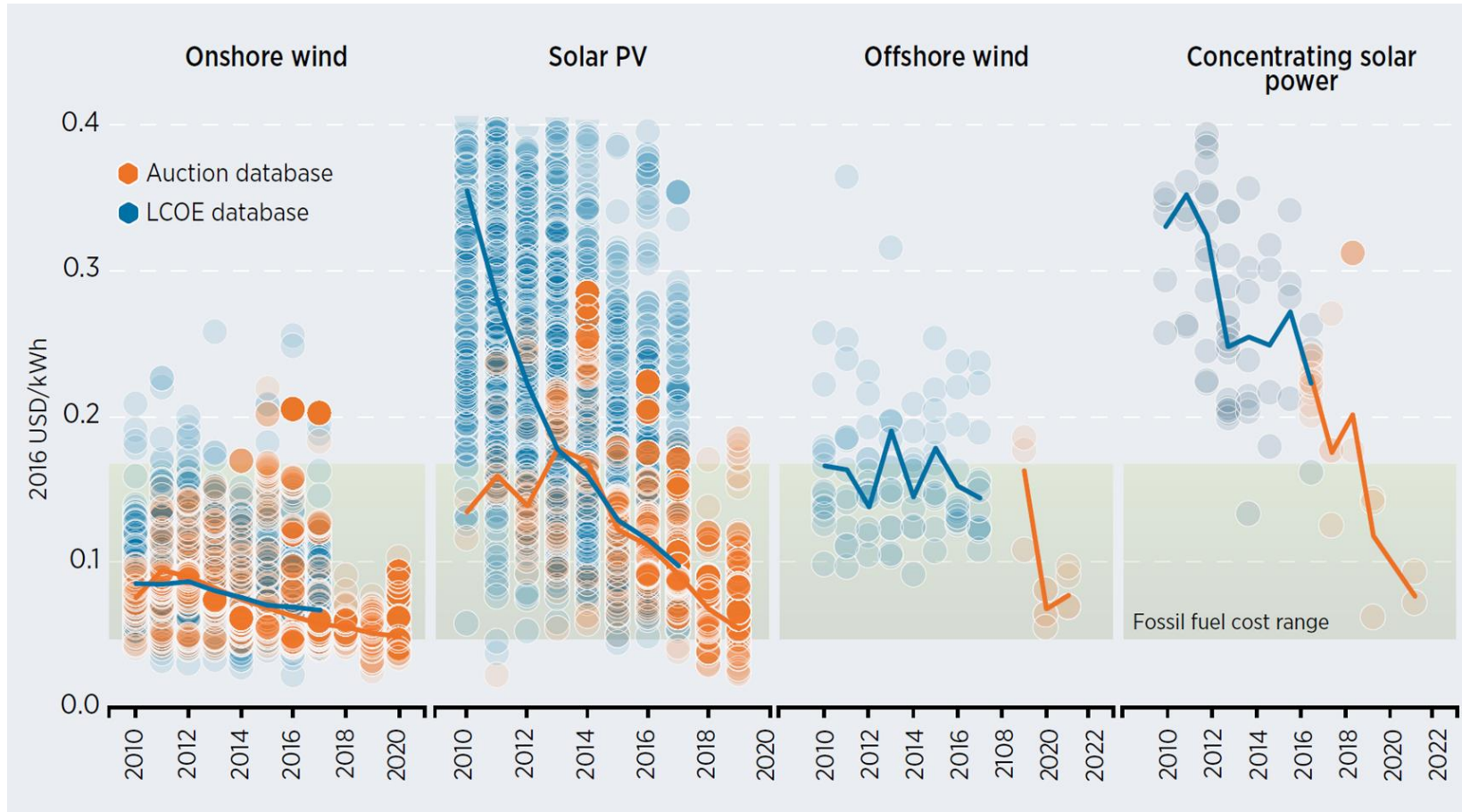
160 Members and
23 States in accession.




Promote the **widespread adoption and sustainable use** of all forms of **renewable energy** worldwide



Global Levelised Cost of Electricity



LCOE reduction in the period
2010 - 2017



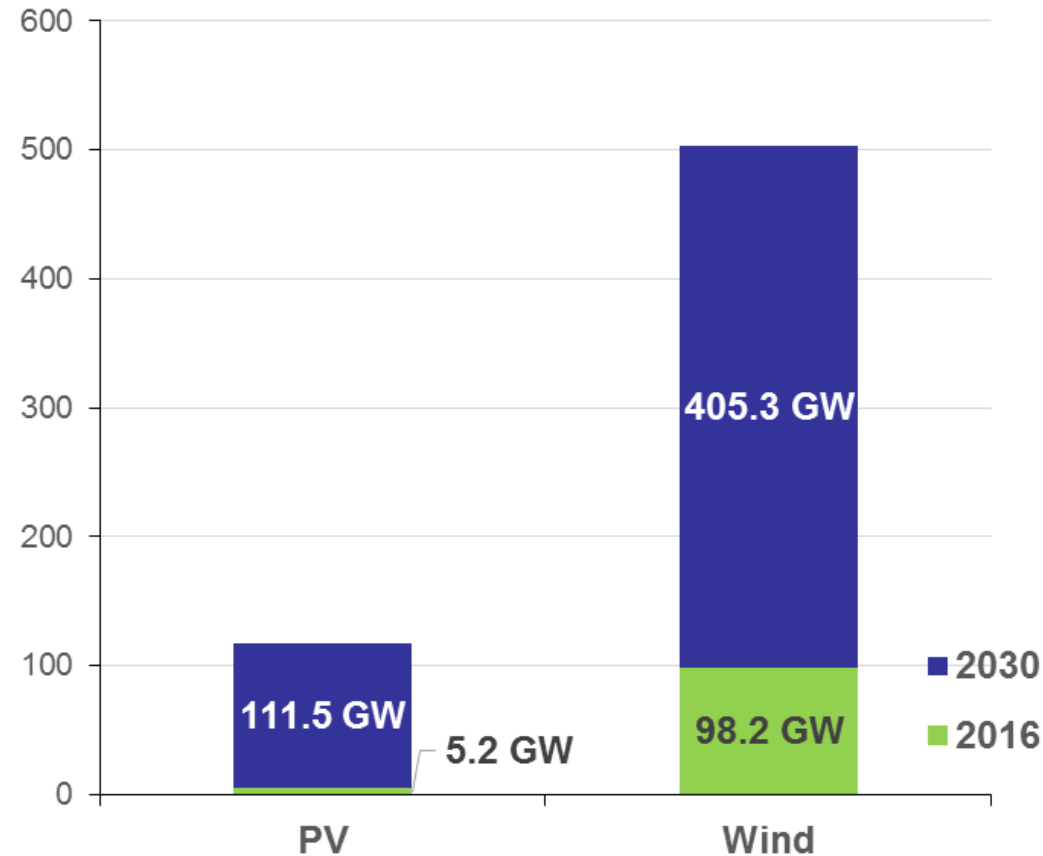
73%
Solar PV



23%
Onshore Wind



Cost-competitive Solar PV and Onshore Wind Power Potential in South East Europe



Today

127 GW

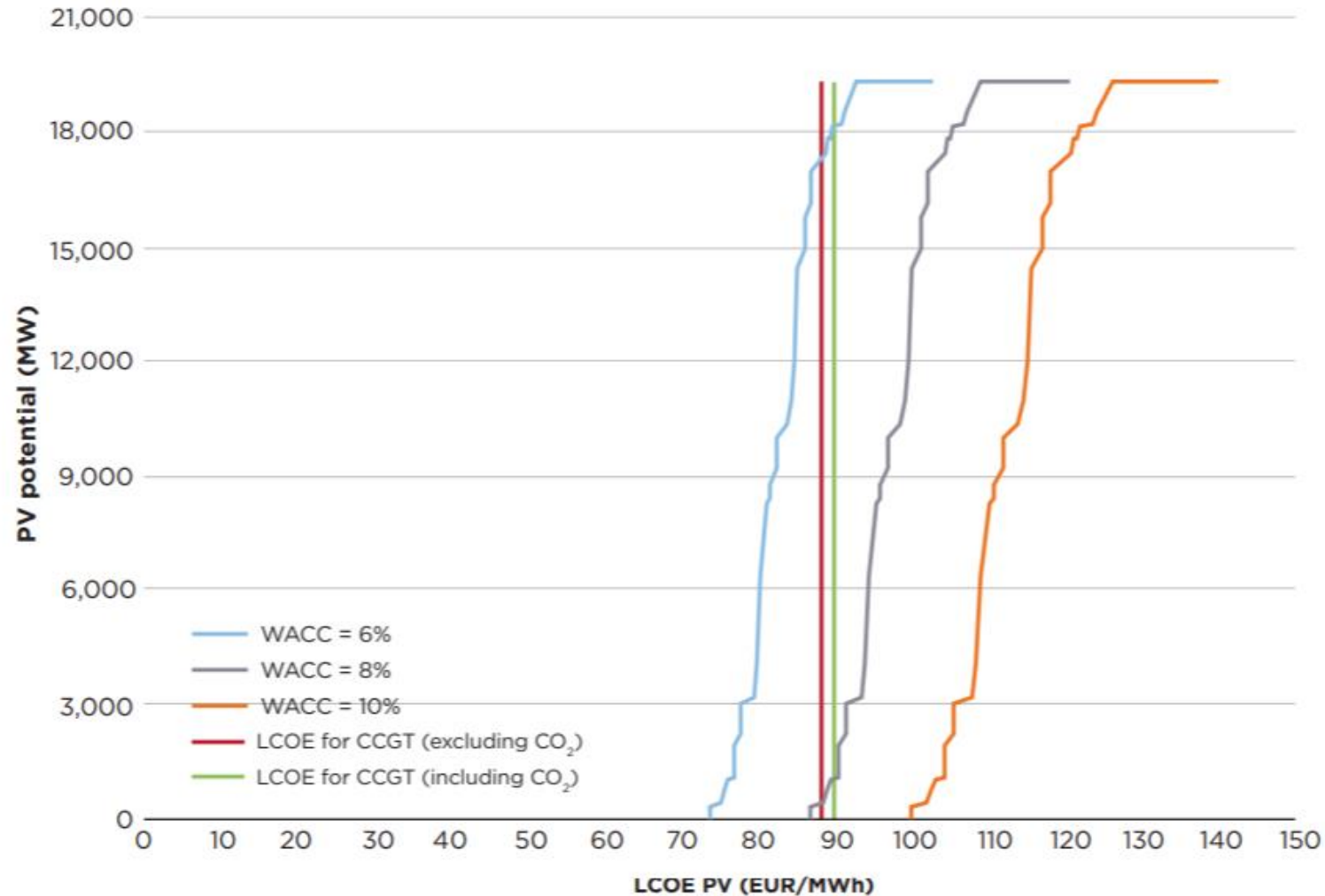
of RE could be implemented in a cost-competitive way.

By 2030

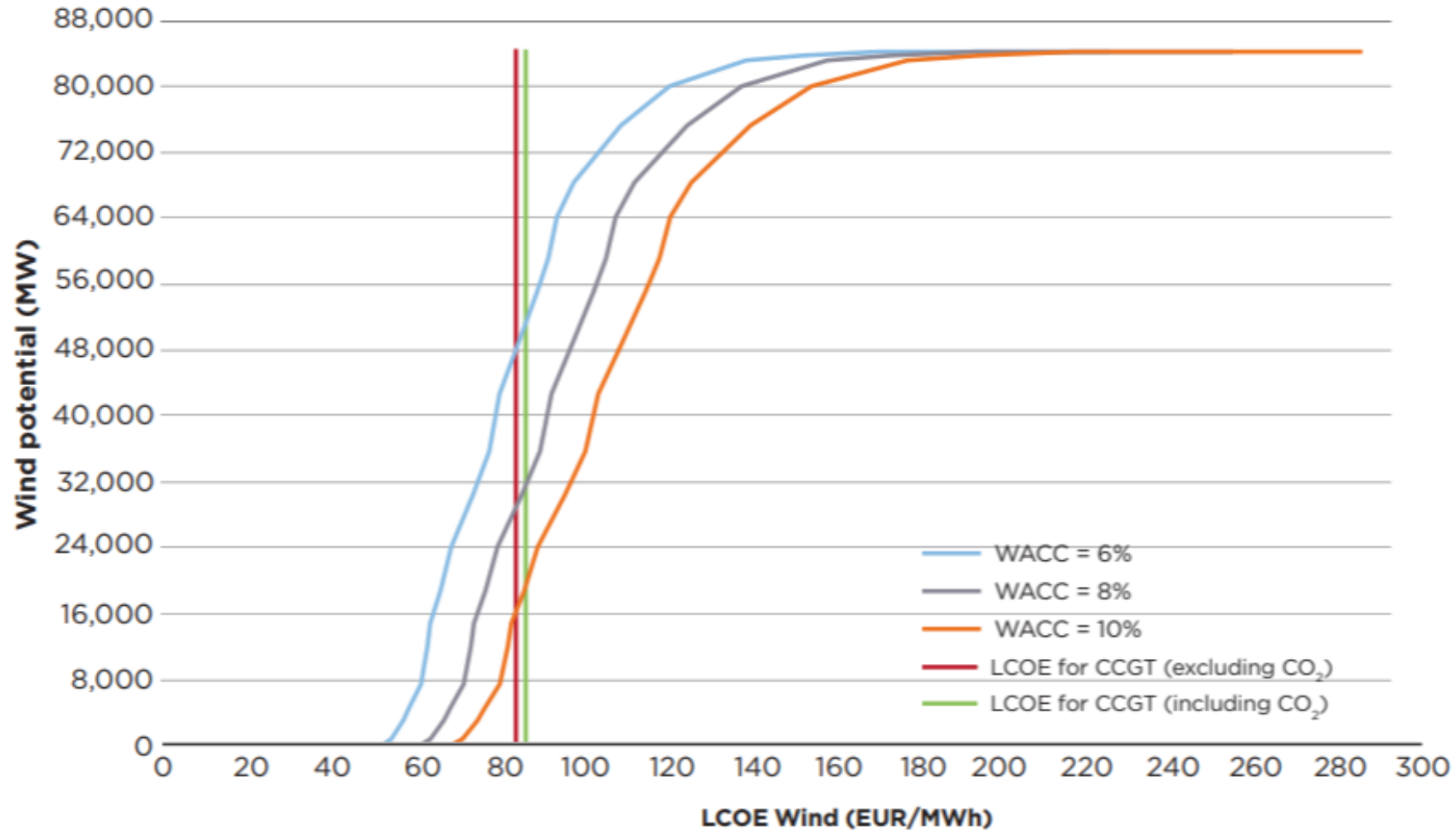
620 GW

Wind and Solar PV cost-competitive potential

Romania: Up to 18 GW of cost-competitive solar PV potential available today



Romania: Up to 50 GW of cost-competitive wind potential available today

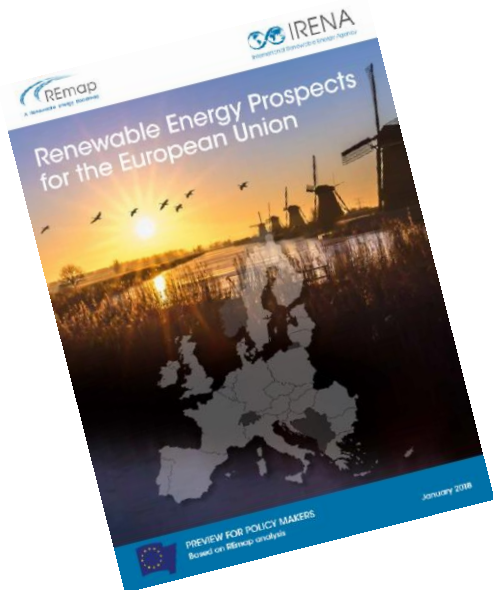


Objectives

- Support to Contracting Parties of Energy Community in setting **2030 targets and measures**
- To identify opportunities for further **regional integration** of energy systems
- To identify **cost-effective technical options** to accelerate renewables deployment by 2030



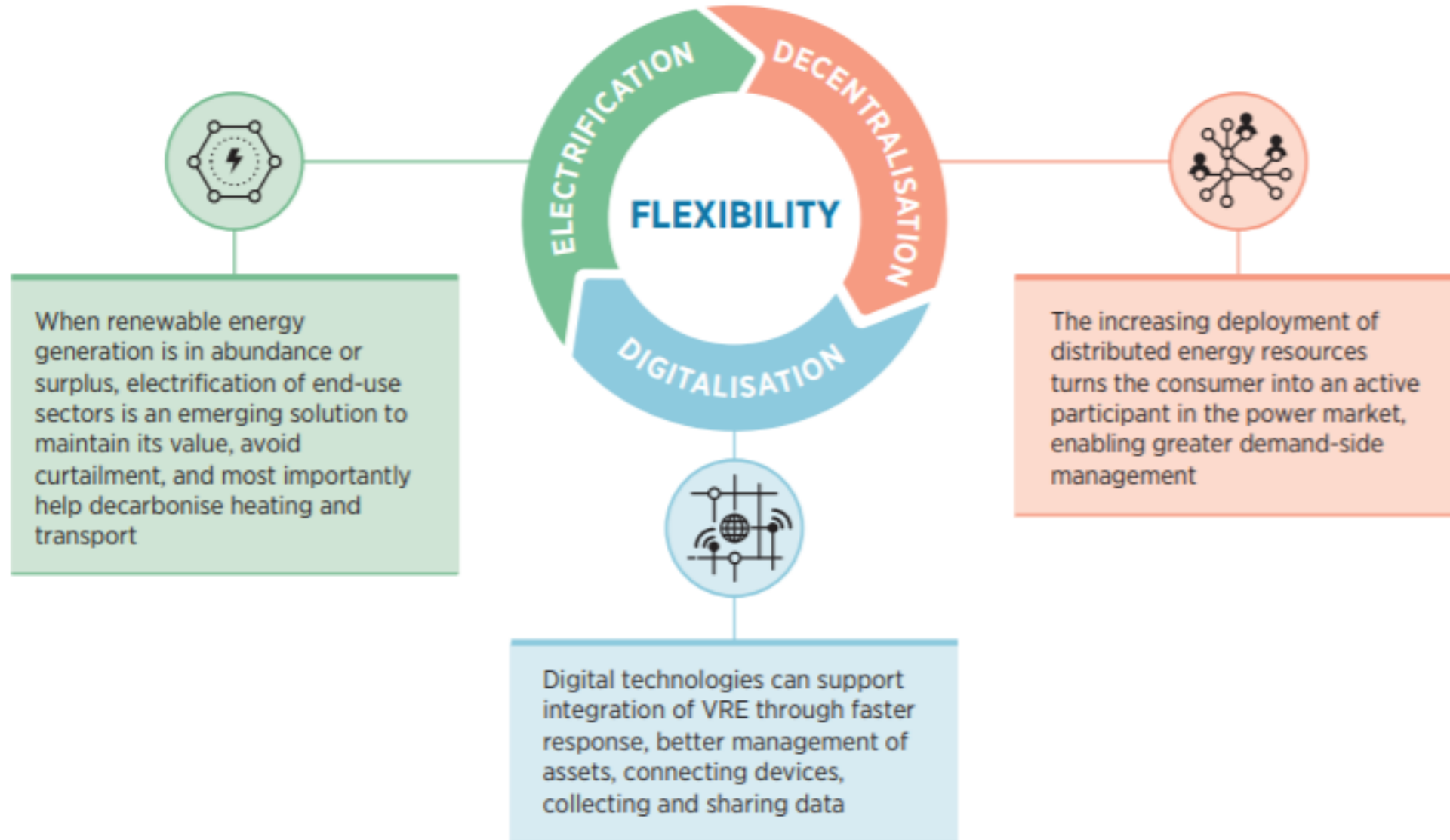
The boundaries and names shown on this map do not imply any official endorsement or acceptance by IRENA.



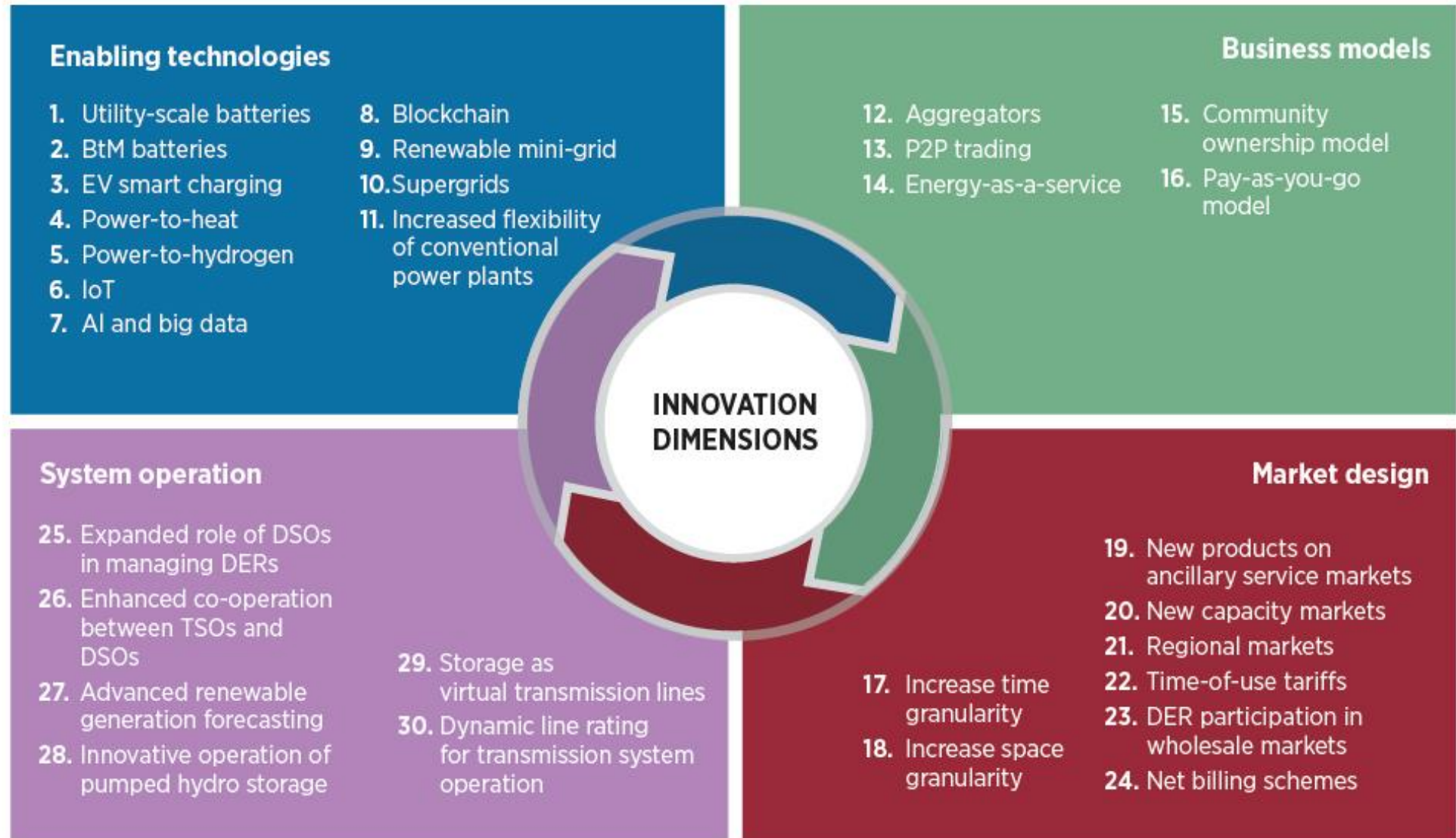
REmap for the European Union: February 2019

EU can double the RE share in its energy mix from **some 17% in 2015 to 34% in 2030**

Innovation trends – drivers of flexibility



IRENA's report details 30 innovations from 4 dimensions





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A holistic view of the energy system is needed

