

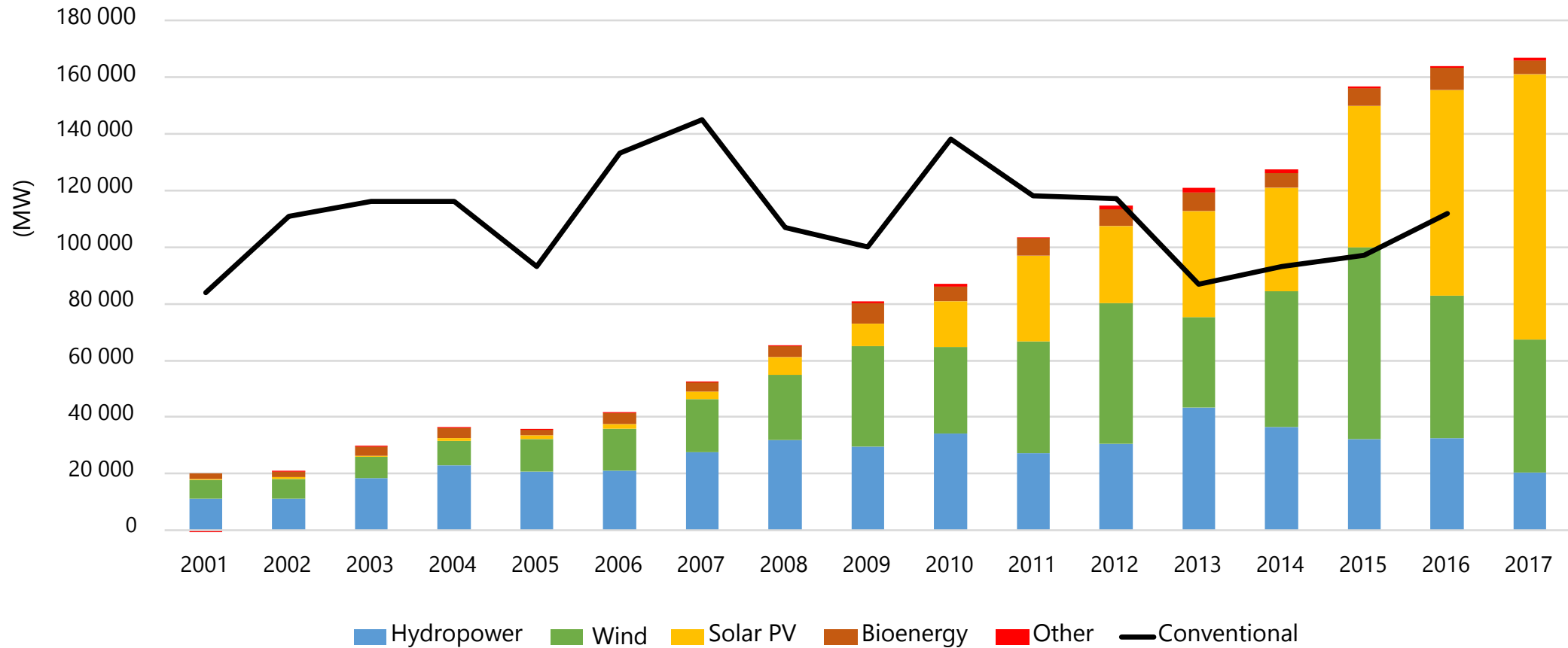


# Global Renewable Energy Trends



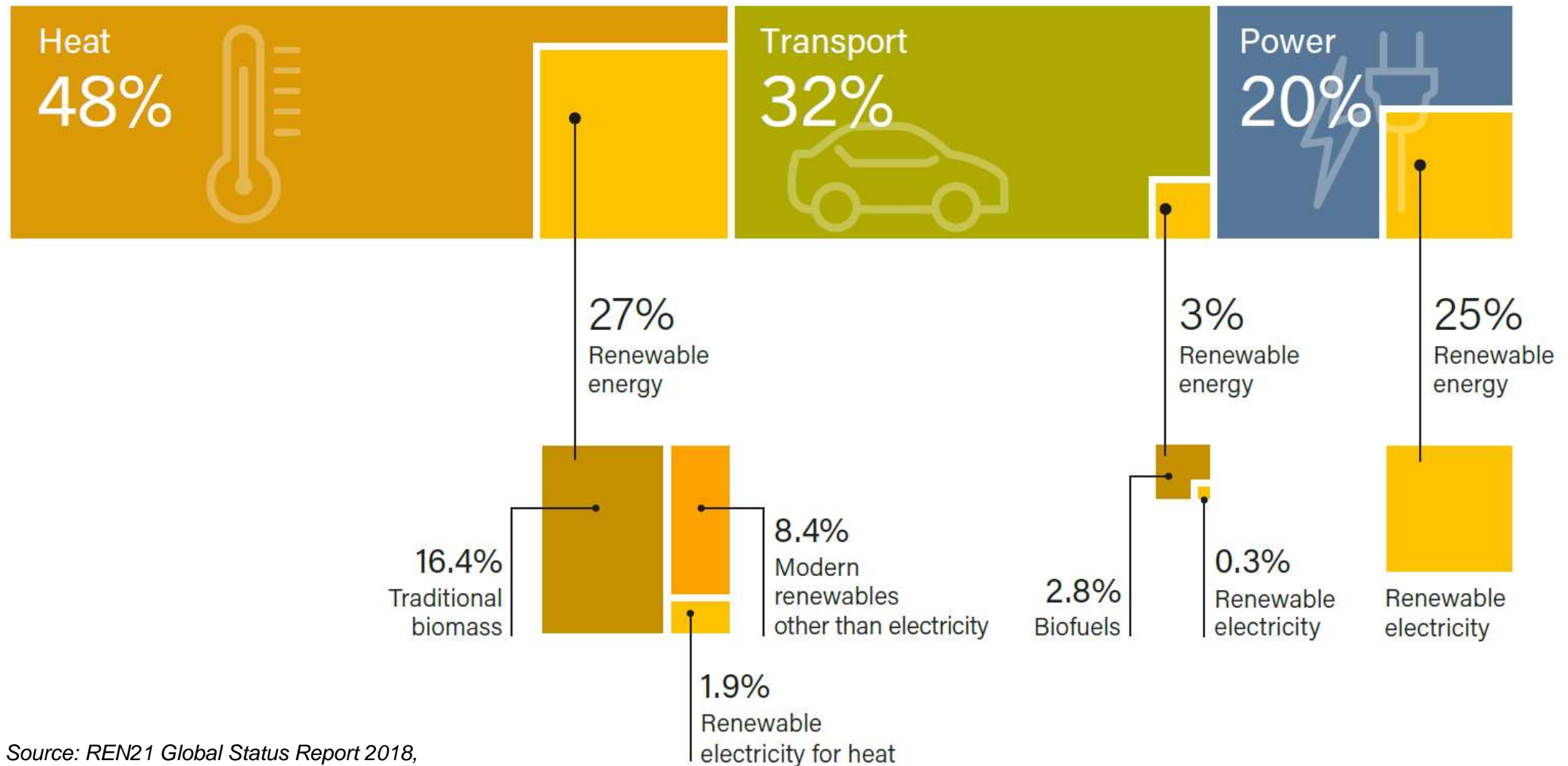
Thimpu, 25 December 2018

# RE power capacity additions exceed conventional power



- Wind and solar PV led the uptake of RES.
- Solar PV accounted for more than 56% of total RE additional installed capacity in 2017

# Renewable energy in total final energy consumption, by sector, 2015

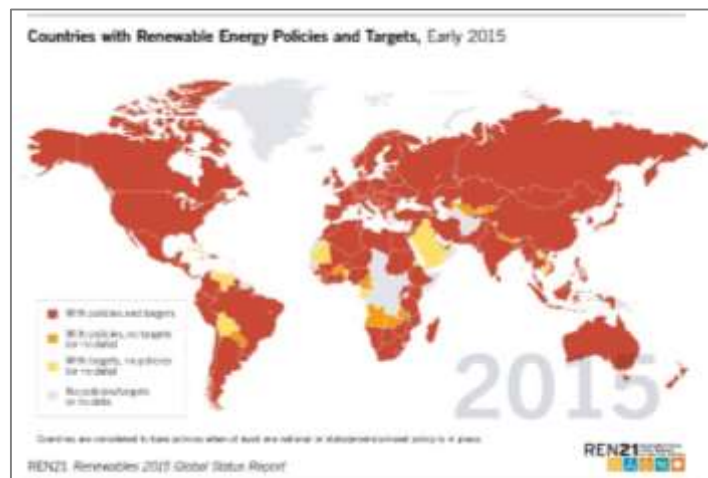
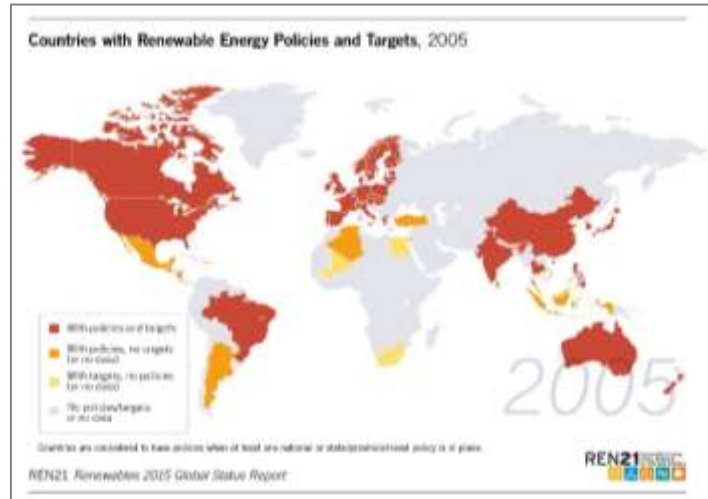


Source: REN21 Global Status Report 2018,  
Based on IEA, World Energy Balances and  
Statistics

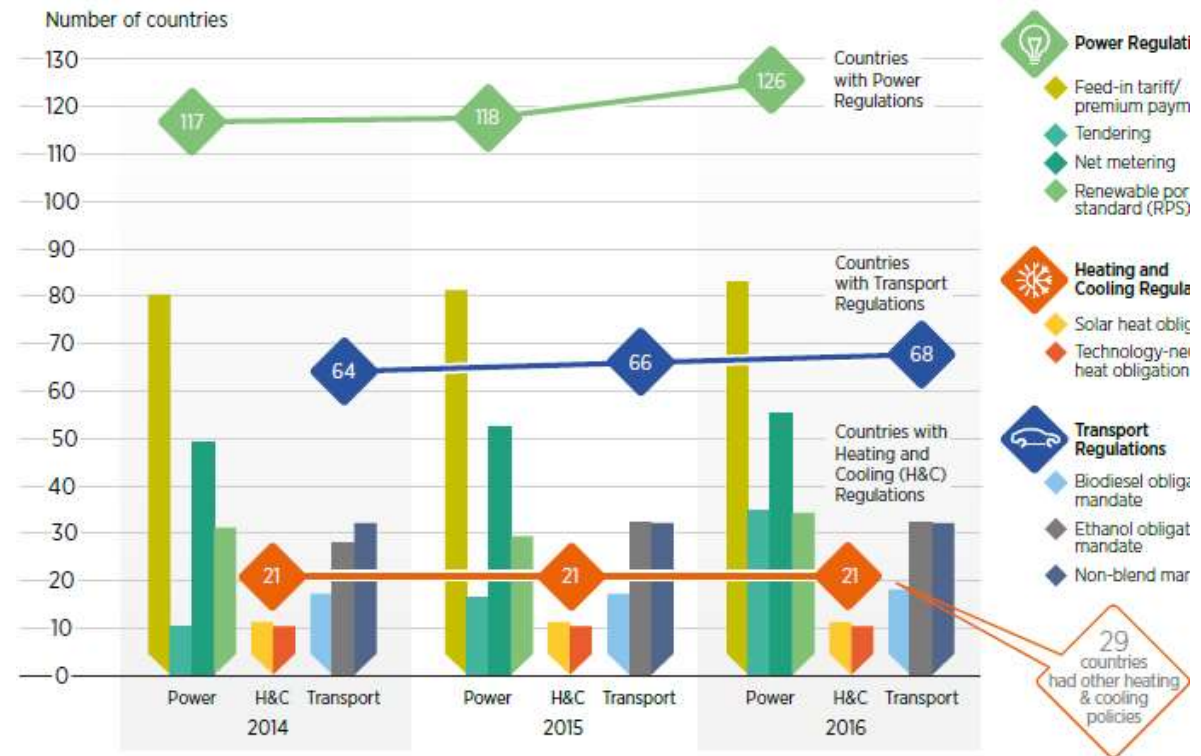
# The spread of renewable energy policies

Renewable energy policies have become increasingly widespread.

Policy support focuses on power sector. Heating, cooling and transport lag behind

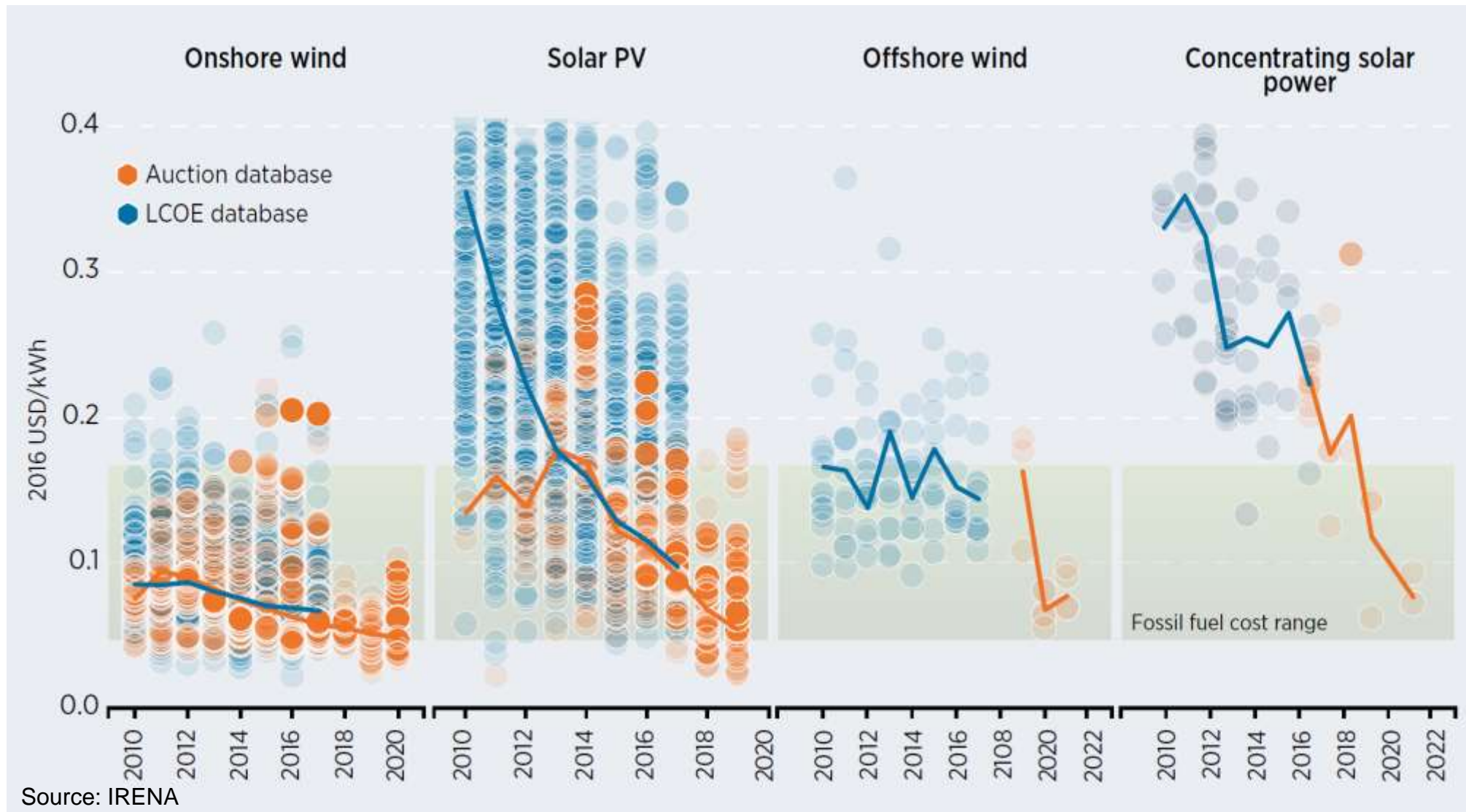


Number of countries with renewable energy regulatory incentives and mandates, by type, 2014-16



Source: REN21, Renewables Global Status Report 2015- 17

# Rapid cost reduction in Solar & Wind

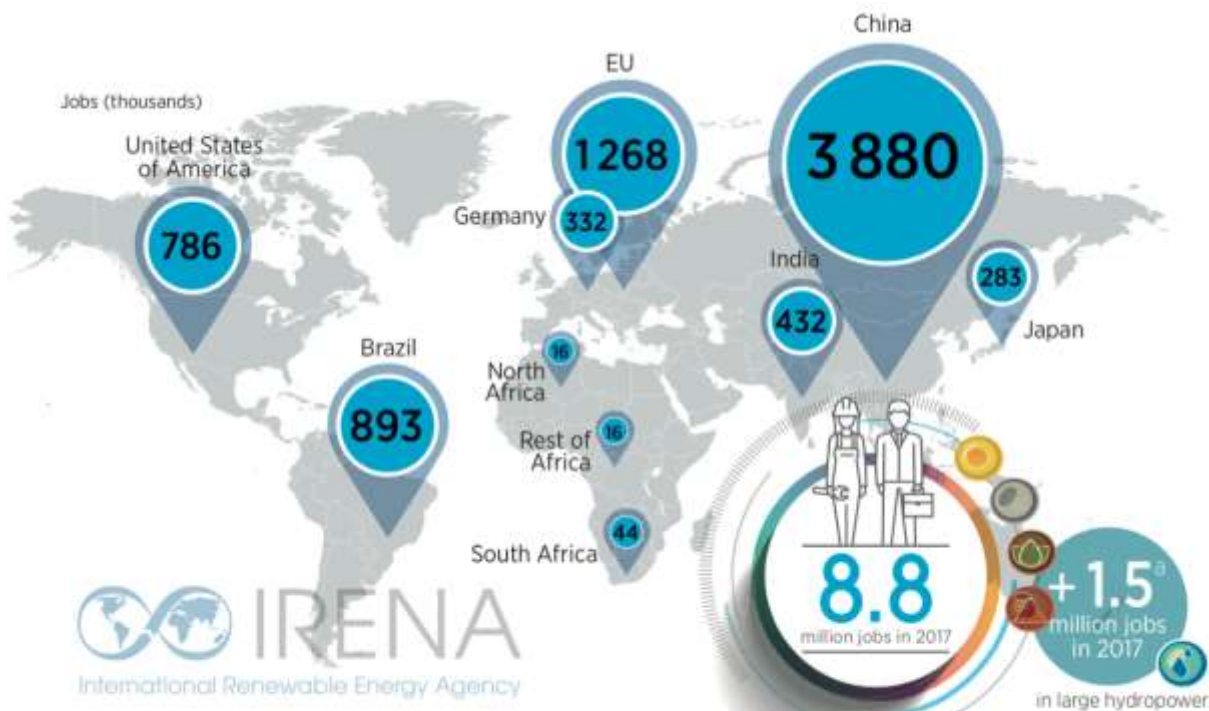


IRENA costing database of 15000 large scale RE power projects and 1.5 million rooftop PV systems, covering half of all existing and planned RE capacity



# Jobs in renewable energy continue to rise

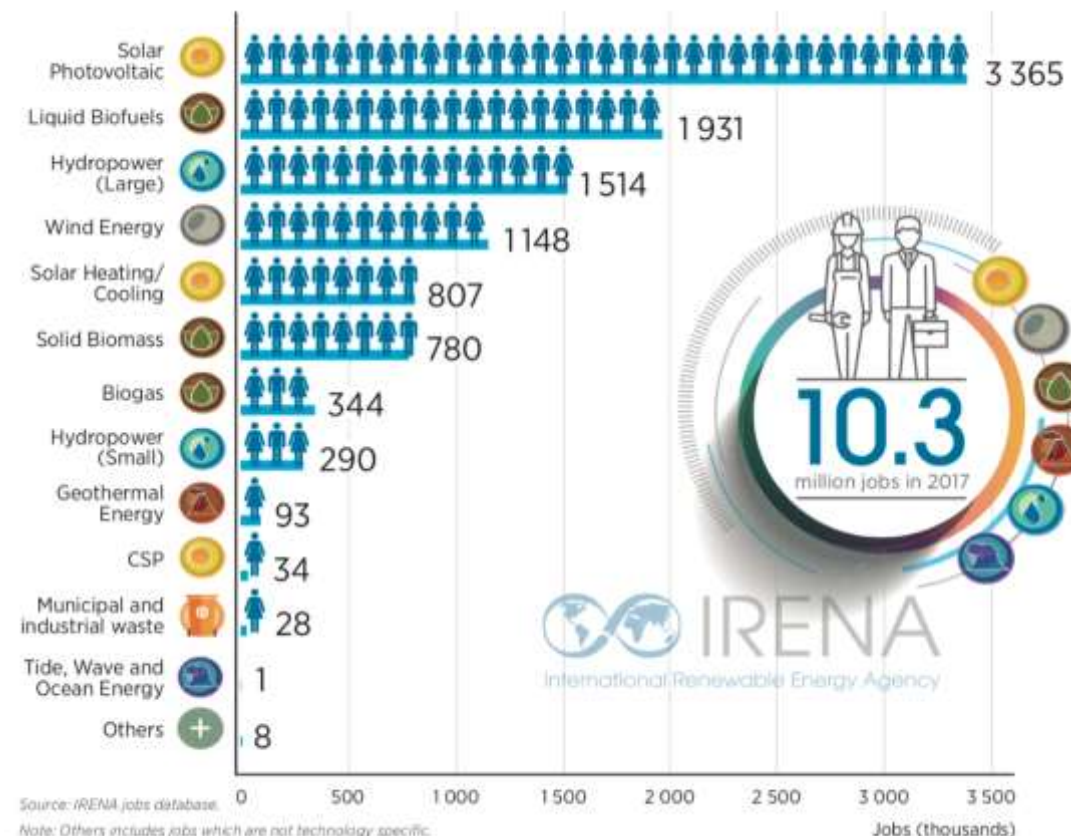
Renewable energy jobs by country, 2017



Source: IRENA jobs database.

<sup>a</sup> Jobs in large hydropower are not included in the country totals given differences in methodology and uncertainties in underlying data. However, data for the EU and Germany include large hydropower jobs.

Renewable energy jobs by technology, 2017



Source: IRENA jobs database.

Note: Others includes jobs which are not technology specific.

Source: IRENA, [Renewable Energy and Jobs - Annual Review 2018](#)

**In 2017, there were 10.3 million jobs in renewables.  
 Jobs are increasingly moving to Asia with concentration in China, India and Japan.**

# Socio-economic benefits of the energy transition



+ 1.0 %

+ 52 USD trillion



**Almost 29 million  
jobs in 2050**

+ 15 %



Source: [IRENA, Global Energy Transformation: A Roadmap to 2050, 2018](#)



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