

An EU industrial strategy towards climate-neutrality

Workers, Researchers, Consumers, Entrepreneurs, Citizens: the key role of the human factor in the energy transition

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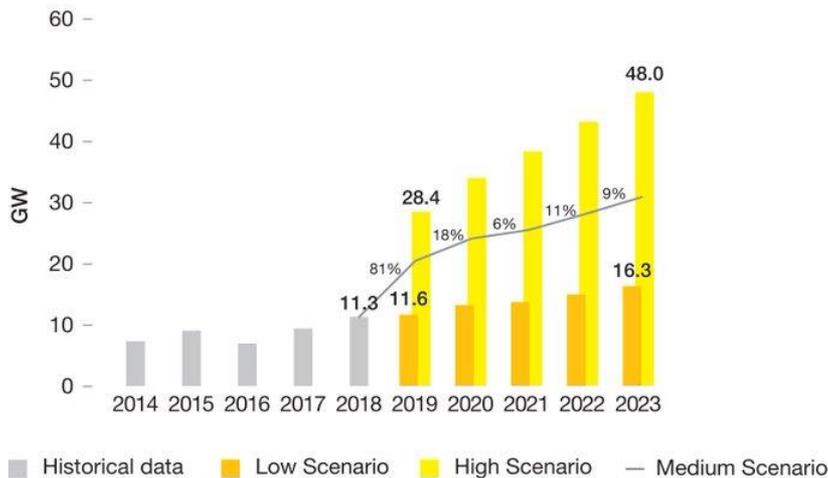
1 – DELIVER ON CARBON NEUTRALITY

Solar demand in Europe is set to surge by **81%** to reach 20.4 GW in 2019

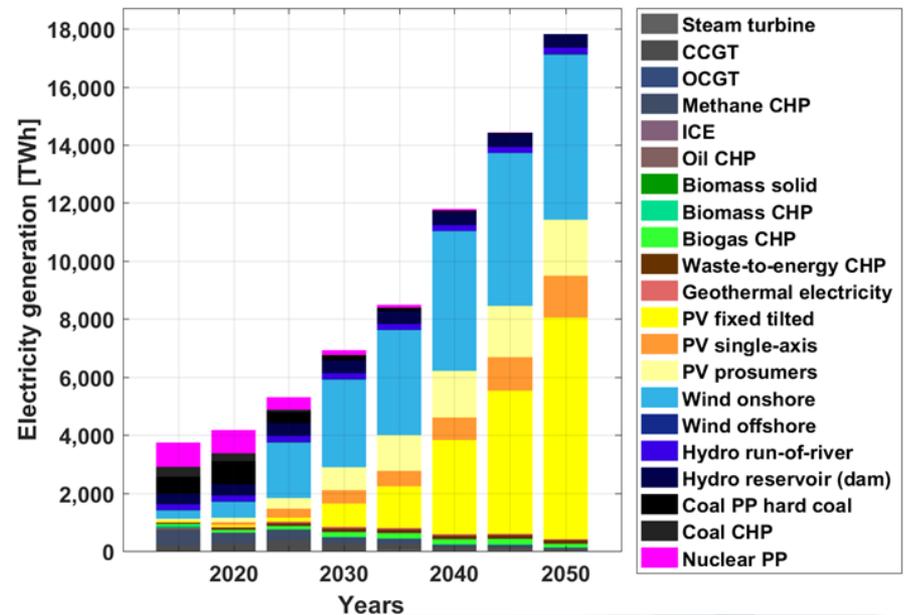


Solar PV supply increases from 29% in 2030 to about 62% in 2050 becoming main energy source

EUROPEAN ANNUAL SOLAR PV MARKET SCENARIOS 2019-2023



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2 – A JUST AND FAIR TRANSITION FOR CITIZENS





In 2018
solar represented
3.6M
jobs worldwide

“
Solar is the biggest employer
in the renewable energy
sector, creating more jobs per
installed watt than any other
power generation source.
”

Source: International Renewable Energy Agency

- IRENA estimates that European solar jobs could amount for **1.7 million by 2050**
 - PV production can deliver **valuable growth activities in economically restructuring territories** such as former coal regions
 - **70% of solar jobs will be local & qualified downstream jobs, 30% gearing towards upstream** segment as manufacturing gets increasingly automated – Are all jobs equal?
- **Skills could be the next frontier and has to be adressed across all sectors**

3 – DELIVER INDUSTRIAL LEADERSHIP IN CLEAN ENERGY TECHNOLOGIES

- We need a consistent strategy to support the industrial deployment of already available EU technologies and provide EU solar companies with the means to compete at global level



- Strong **Research & development ecosystem** is essential to maintain industrial leadership at global level
- 40% of EU patents for renewable energy originated in Europe
- The **HJT-Technology, Solar tiles, Floating PV and Agri-Energy** are few examples of breakthrough technologies achieved and led by EU solar companies

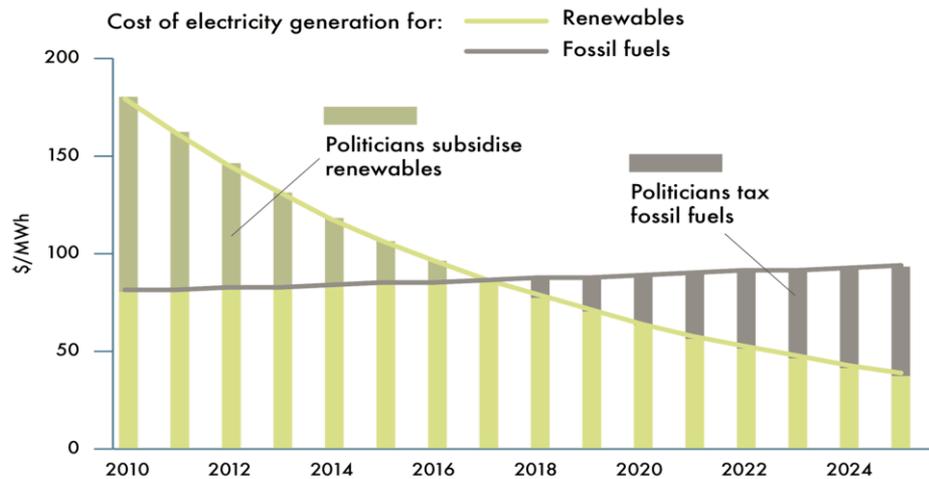
SUSTAINABLE FINANCE

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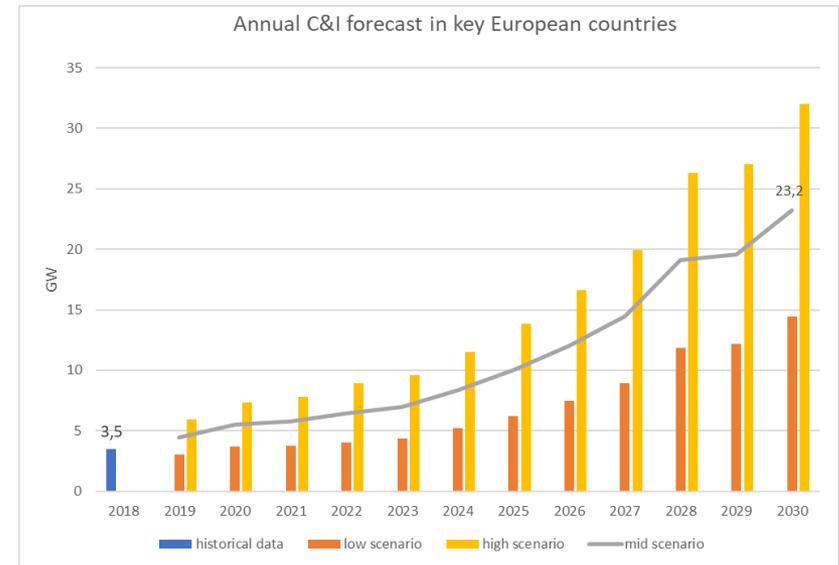
INNOVATION POLICY

4- BOOST EU INDUSTRIES COMPETITIVENESS

Clean energy technologies must be at the core of Europe's strategy to boost the competitiveness of EU industries, and take the lead on the **green industrial strategy**



Sourcing renewables makes business sense



More than **30GW /y** forecast by 2030 for C&I sector

- Remove barriers for renewable corporate PPA's in all EU 27
- Encourage innovative business models for renewable sourcing (leasing, third party ownership, participative financing)
- Ensure tracability for all energy sources including hydrogen