

Solar energy

A key pillar of the European Green Deal

Aurélie Beauvais

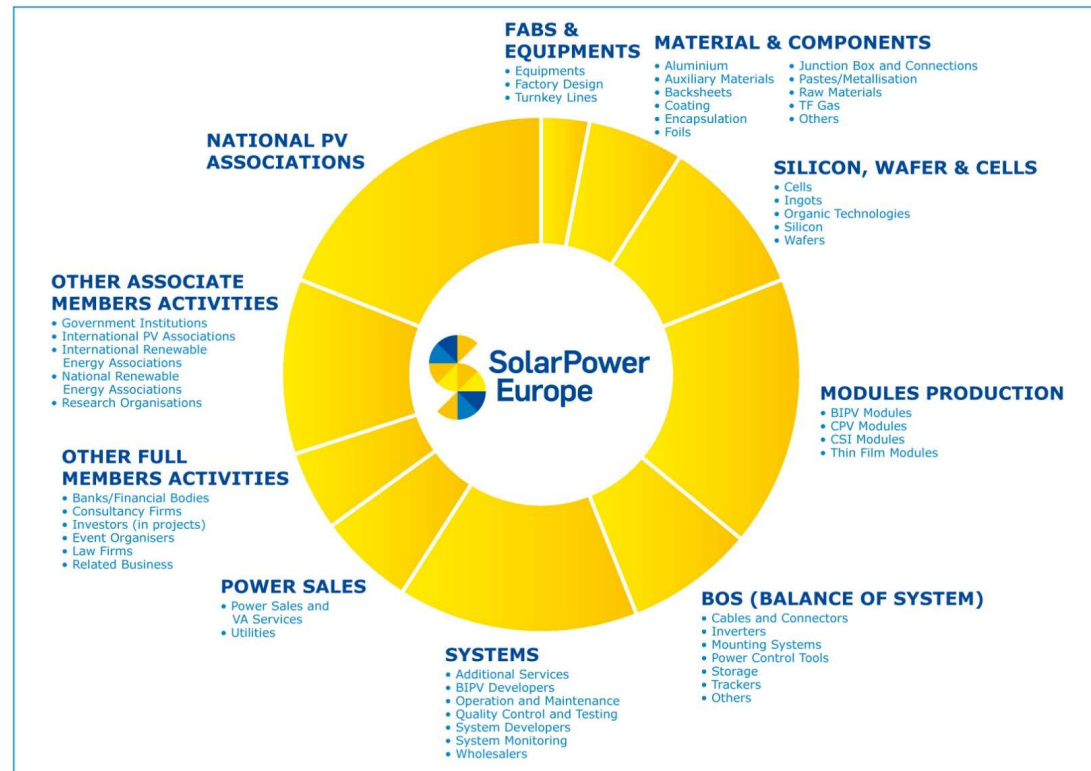
Policy Director, SolarPower Europe

@SolarpowerA

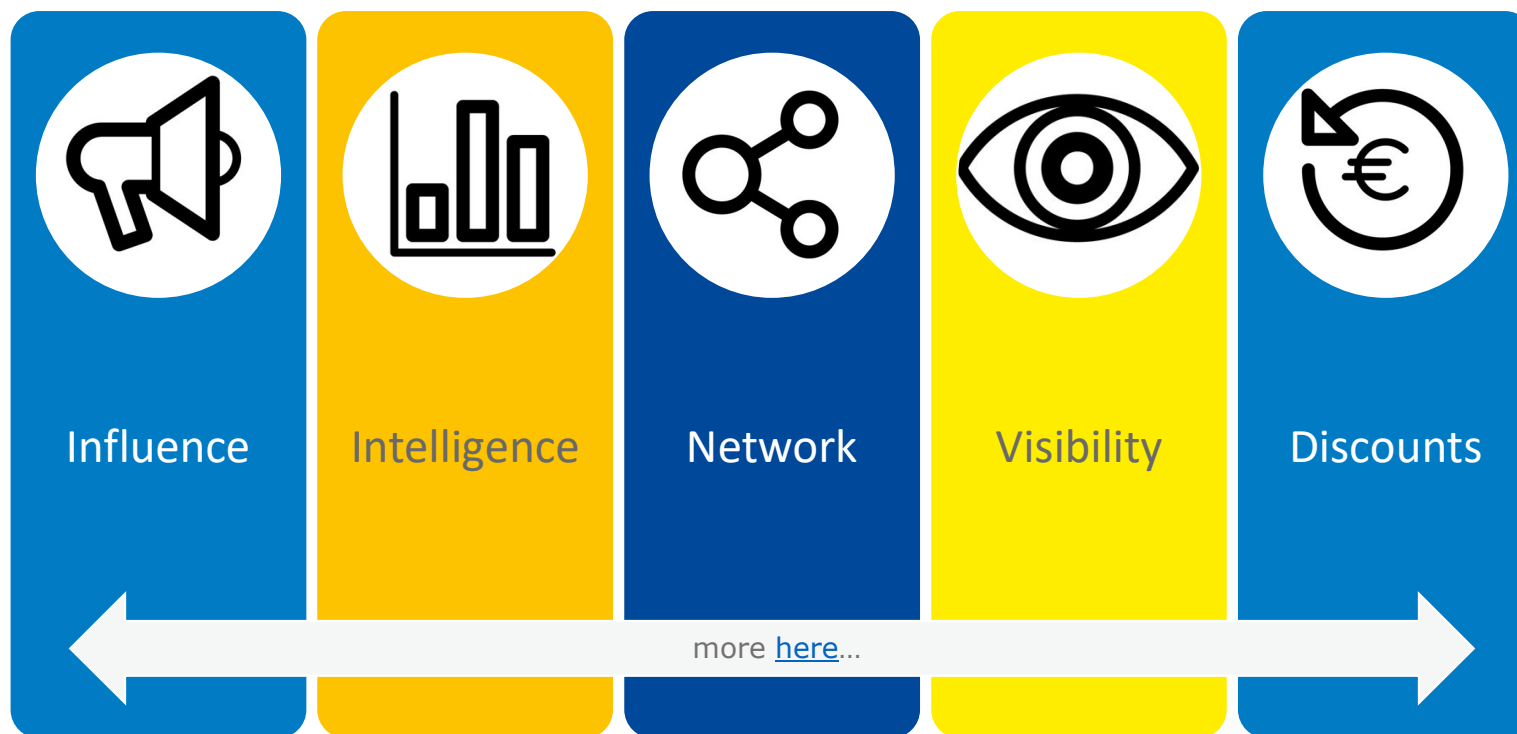


What is SolarPower Europe?

- ✓ We represent **over 200 organisations** from the whole solar value chain
- ✓ We help shape the policy environment and make business happen in the solar industry



KEY MEMBERSHIP BENEFITS



The European Green Deal - A **political momentum** calling for action

“

Becoming the world's first climate-neutral continent is the greatest challenge and opportunity of our times.

It involves taking decisive action now.

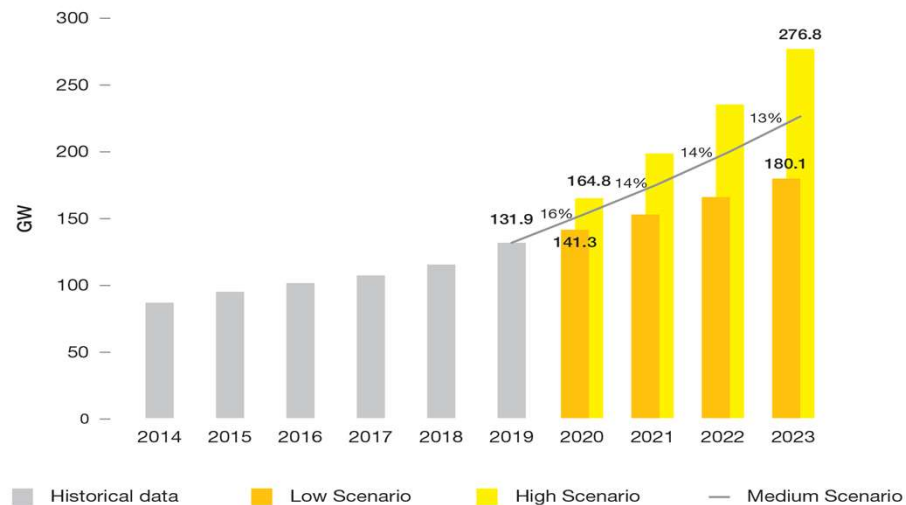
I will propose a
European Green Deal
in my first 100 days”

Ursula von der Leyen
EU Commission President-elect

A new Era of Growth for Solar in the European Union

EU market outlook until 2023 (status: Dec. 2019): **EU solar generation capacity expected to add nearly 100 GW** until 2023 to around 226 GW in SolarPower Europe's Medium Scenario

EU28 TOTAL SOLAR PV MARKET SCENARIOS 2020 - 2023

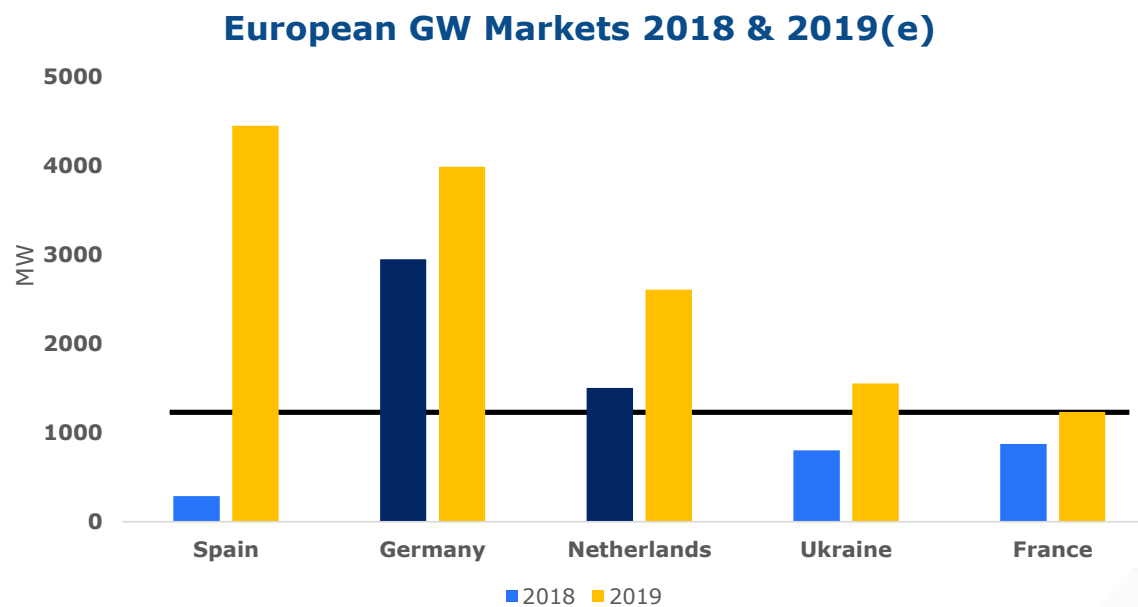


EU28 ANNUAL SOLAR PV MARKET SCENARIOS 2020 - 2023



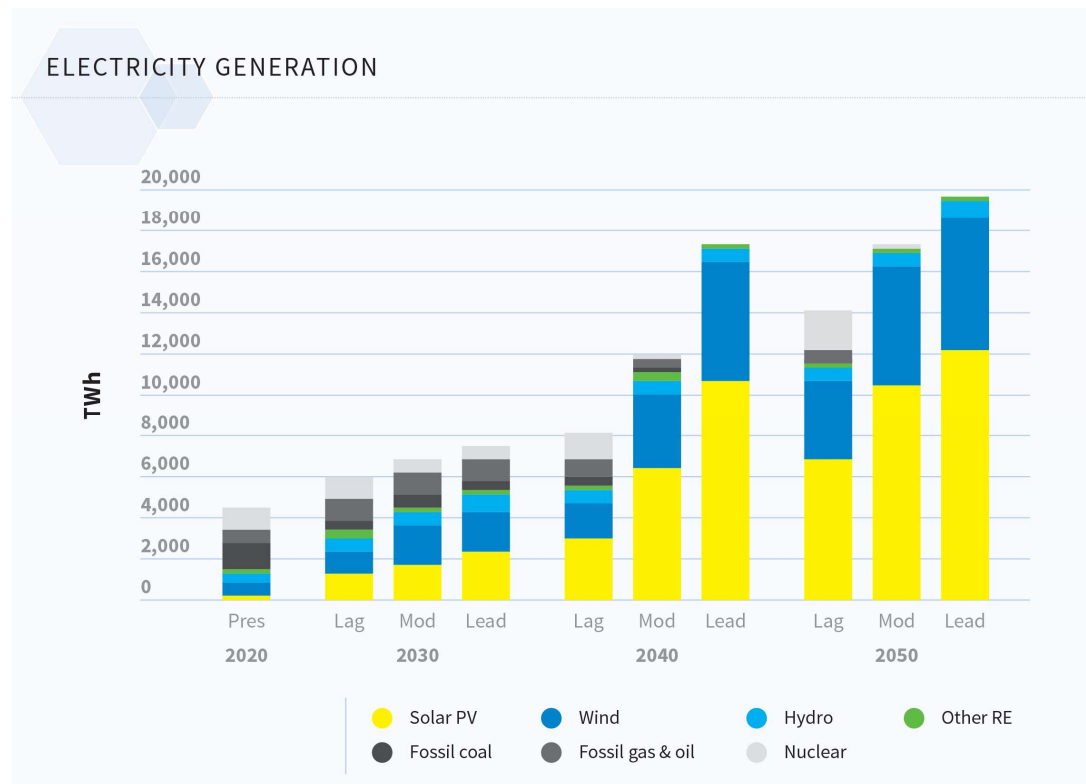
A new **Era of Growth** for Solar in the European Union

More GW-scale markets: from 2 in 2018, to **5** in 2019



100% Renewable Europe based on Solar

As of 2040, **solar PV will become the dominant source of electricity generation** across all three scenarios in Europe, and by 2050 it will reach at least 48% in the Laggard scenario and up to 63% in the Leadership scenario



Source: SolarPower Europe. © SOLARPOWER EUROPE 2020

How do we make solar the core of the European Green Deal?



1

A sound EU
Recovery
plan

What we have

EU Recovery Plan to be published on 27/05

Potential proposals:

- European **renovation financing facility** (including funding for rooftop solar installations)
- **EU tendering scheme** to support additional 15GW of renewable installations by 2022 (EIB funding + EU guarantees)

What we need from the European Green Deal

- **Boosting the demand for small-scale PV** to unlock the job creation potential of renewables in Europe
- **EU initiative to boost the deployment of large-scale solar projects:** providing access to finance and permitting simplification
- **EU re-skilling program** to create new job opportunities and solve the skills-gap in the renewable sector
- Support to **innovative solar technologies** (Manufacturing + R&D)

2

Beyond
Clean Energy
Package for
all Europeans

What we have

32% renewable energies by 2030

Non retro-activity for support schemes

Simplified administrative procedures (one-stop shop for permitting, simple notification grid connection)

Enabling framework for **new business models** (self-consumption, PPA's, aggregation)

What we need from the European Green Deal

Implementation flagship initiatives

- **Pan European rooftop solar program** (680 TWh missed opportunity)
- **EU Permitting initiative**
- **A new climate pact for large-scale solar & citizen energy program** (one-stop shop for permitting, simple notification grid connection)

CEP implementation body : achieve a **truly integrated internal energy market** and accelerate implementation

3

Renewable system Integration strategy

What we have

Proposal for Energy System Integration Strategy on 24/06 – Accelerate decarbonation & integration of key sectors (transport, buildings, industry)

Clean hydrogen Strategy on 24/06 – CEP for renewable gases

TEN-E review – Streamline infrastructure related investments

What we need from the European Green Deal

- **Increase investments in electricity infrastructure** and accelerate the integration of renewables into the electricity system.
- **Accelerate the digitalization and deployment of renewable electricity** across transport, building and heating sectors
- **Choose renewable hydrogen** as the sustainable solution to achieve the complete decarbonation of “hard to abate” sectors

4

A Solar Industrial Strategy

What we have

Communication on Industrial policy on 10/03 – A more strategic approach to the renewable industry

Industry Forum – Identification of EU key Industrial ecosystems

Dedicated Strategy for Energy intensive sectors – Green steel, cement and chemicals (hydrogen to play a key role)

What we need from the European Green Deal

- **A renewable industry Alliance** to boost EU renewable manufacturing industry (Solar Manufacturing Accelerator)
- **Sharpen the toolbox** with **support instruments for smaller manufacturing project** sizes (SME), including preferential access to CEF, InvestEU, EIB financing or EU Funds
- Support the export of renewable technologies and know-how in Emerging markets with the **Green Deal diplomacy**

THANK YOU!

SolarPower Europe's EU Market Outlook & 100% Renewable Europe Report are for download at: www.solarpowereurope.org



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Back-up slides -



Impacts of the Coronavirus crisis on the solar sector in Europe

Short term impacts:

- **Supply:** The supply of solar modules briefly delayed, now back on track.
- **Prices:** Module prices have already decreased.
- **Financing:** Access is more difficult, with financing institutions delaying project financing deals or retracting from previous financing conditions.
- **Demand:** The construction of large and small projects has slowed, though level depending on country
- As public solar tenders are increasingly shelved (e.g. Portugal solar auction), project pipelines of companies have been negatively impacted.

Impact on the solar market on the medium to long term:

- SolarPower Europe expects projects or sales to be delayed but it should come back to normal as of 2021/22 (depending on economic recovery, stimulus packages)
- Mid- to long term solar growth story still fully intact

EU crisis measures and recovery package

EU crisis measures:

- **Crisis management:** direct support through SURE and PEPP schemes; new approval scheme for public aid; relaxation of national deficit rules.
- **Coordination to exit the lockdown:** a common approach for member states to exit the lockdown.

EU recovery package:

- **Recovery Package:** to be presented by the end of April, following the calls from the EU council.
- **Integrate recovery with the Green Deal:** 15 member states and MEPs support the design of a Green Recovery Package that makes use of planned activities such as the Renovation Wave and upcoming funds as a tool to invest into renewables.