



SolarPower
Europe

EU Solar Industrial Strategy – and its impact

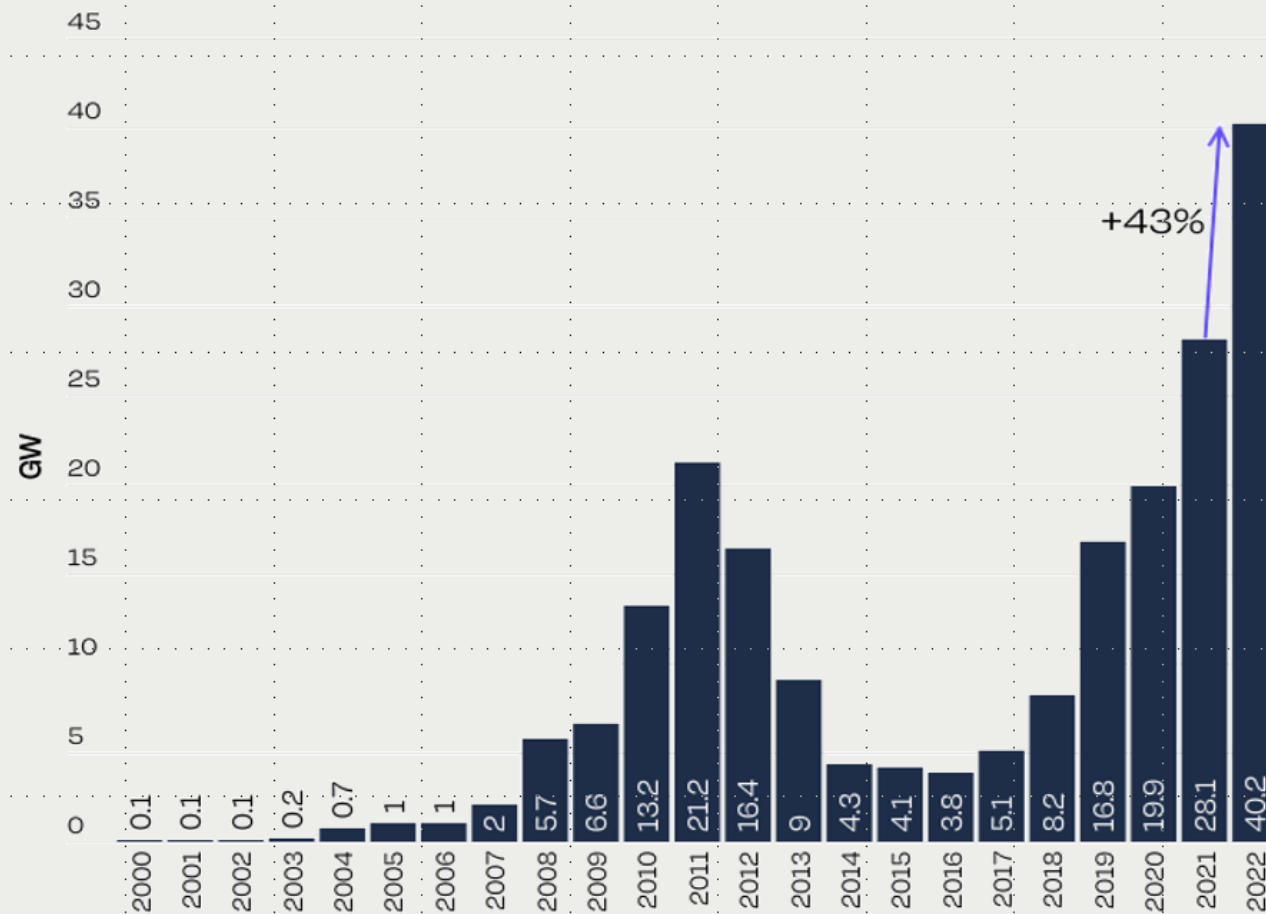
Walburga Hemetsberger
CEO, SolarPower Europe

SOLAR SOARS

41 GW in 2022: 12 million more solar-powered homes in the EU

Another all-time record in 2022

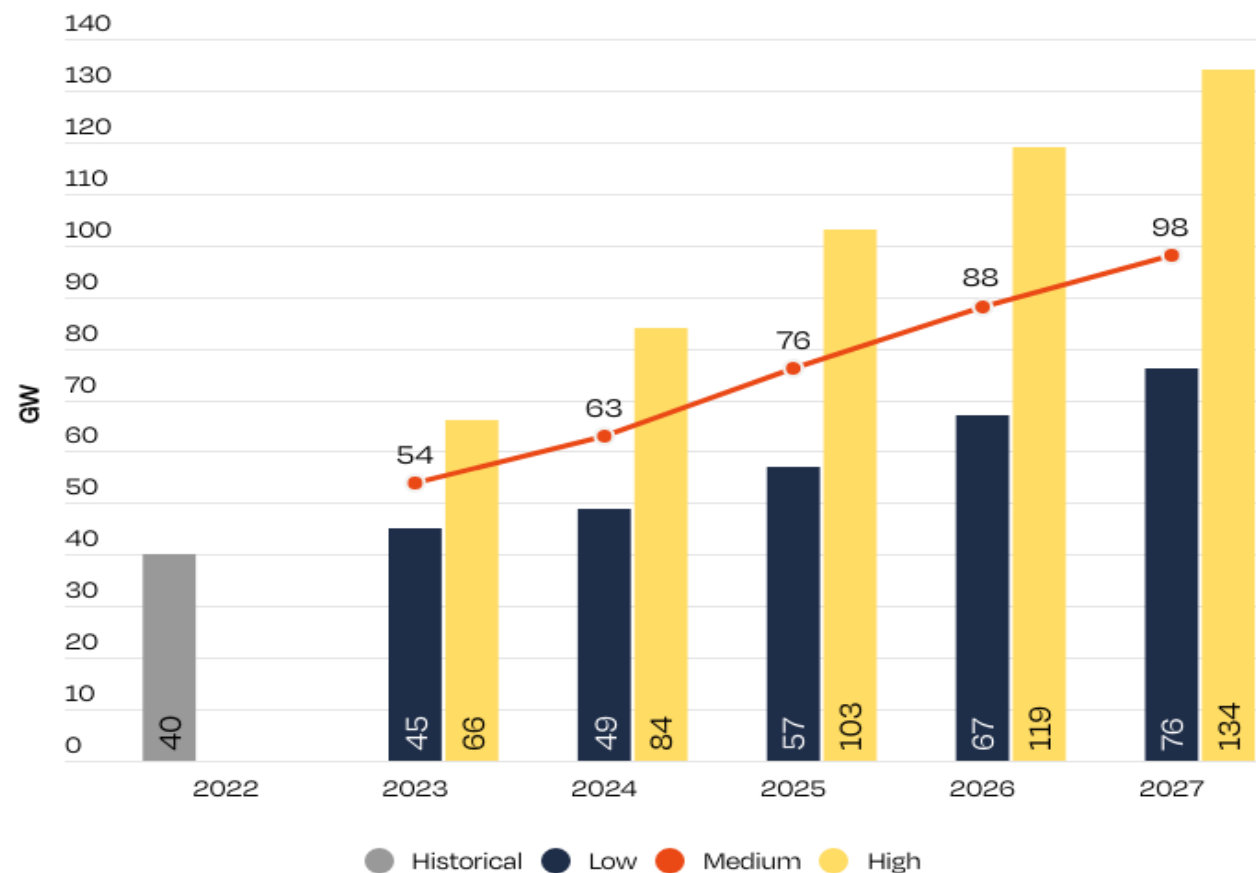
EU-27 Annual Solar PV Installed Capacity 2000-2022



Source: Global Market Outlook 2023, SolarPower Europe

EU-27 Annual Solar PV Market Scenarios 2023-2027

Further strong growth ahead

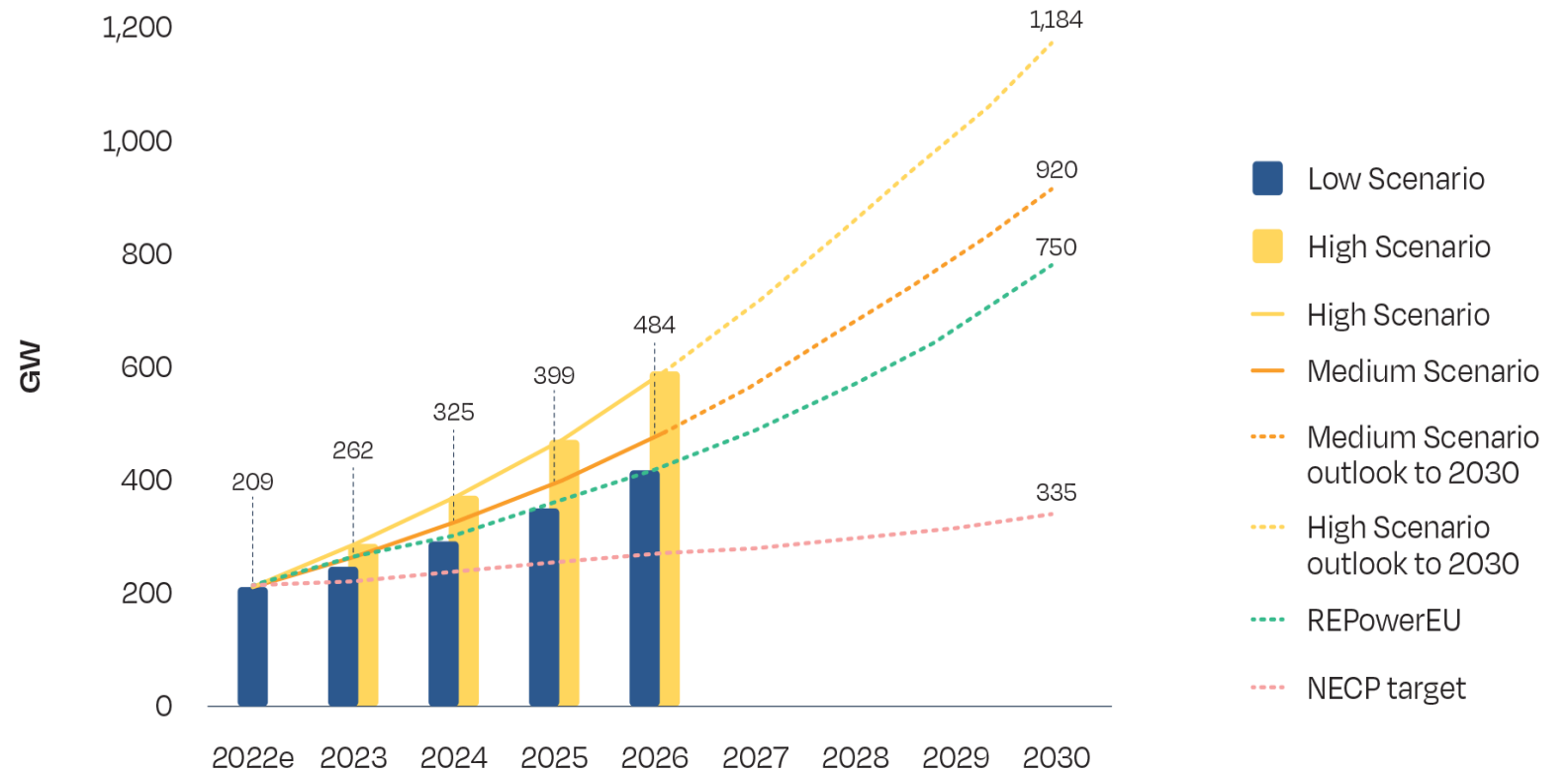


Source: Global Market Outlook 2023, SolarPower Europe

The next 5 years until 2027 will see further strong growth, with a nearly 54 GW annual solar market already in 2023 and reaching 98 GW in 2027.

EU 2030 Medium Scenario: 920 GW

EU-27 Total Solar PV Capacity Scenarios 2023-2030



Source: EMO 2022, SolarPower Europe

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Total EU solar power fleet is expected to increase from 209 GW installed today to about 400 GW in 2025, and 920 GW in 2030. This is much higher than aggregate capacity target from NECPs (335 GW). While 2025 number is inline with EU Commission scenario (400 GW), the 2030 number is above EC 2030 target (750 GW).

Will Europe's Green Deal also be "Made in Europe"?





***“We will re-shore manufacturing to Europe,
whatever it takes”***

***EU-Energy Commissioner Kadri Simson
SolarPower Summit, March 2022***



“The future of our clean tech industry has to be made in Europe”

*EU Commission President Ursula Von der Leyen
State of the Union Speech, 13 September 2023*

Reality check

Insolvency of Norwegian Crystals is a blow to PV supply in EU

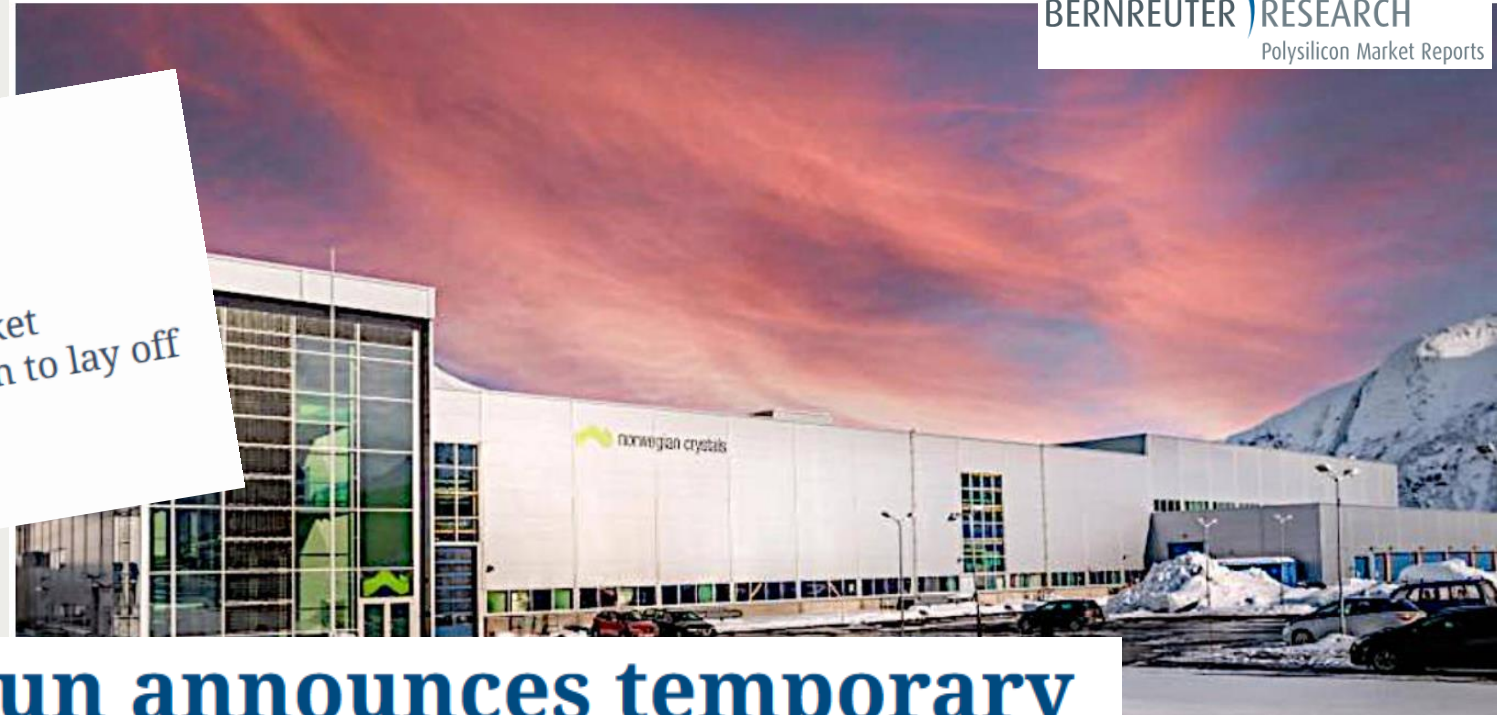
August 26, 2023

BERNREUTER RESEARCH
Polysilicon Market Reports

Solarwatt announces 85 layoffs

German module manufacturer Solarwatt blamed market disruptions and very low module prices for its decision to lay off 10% of employees at the end of the year.

NOVEMBER 28, 2023 **pv magazine**



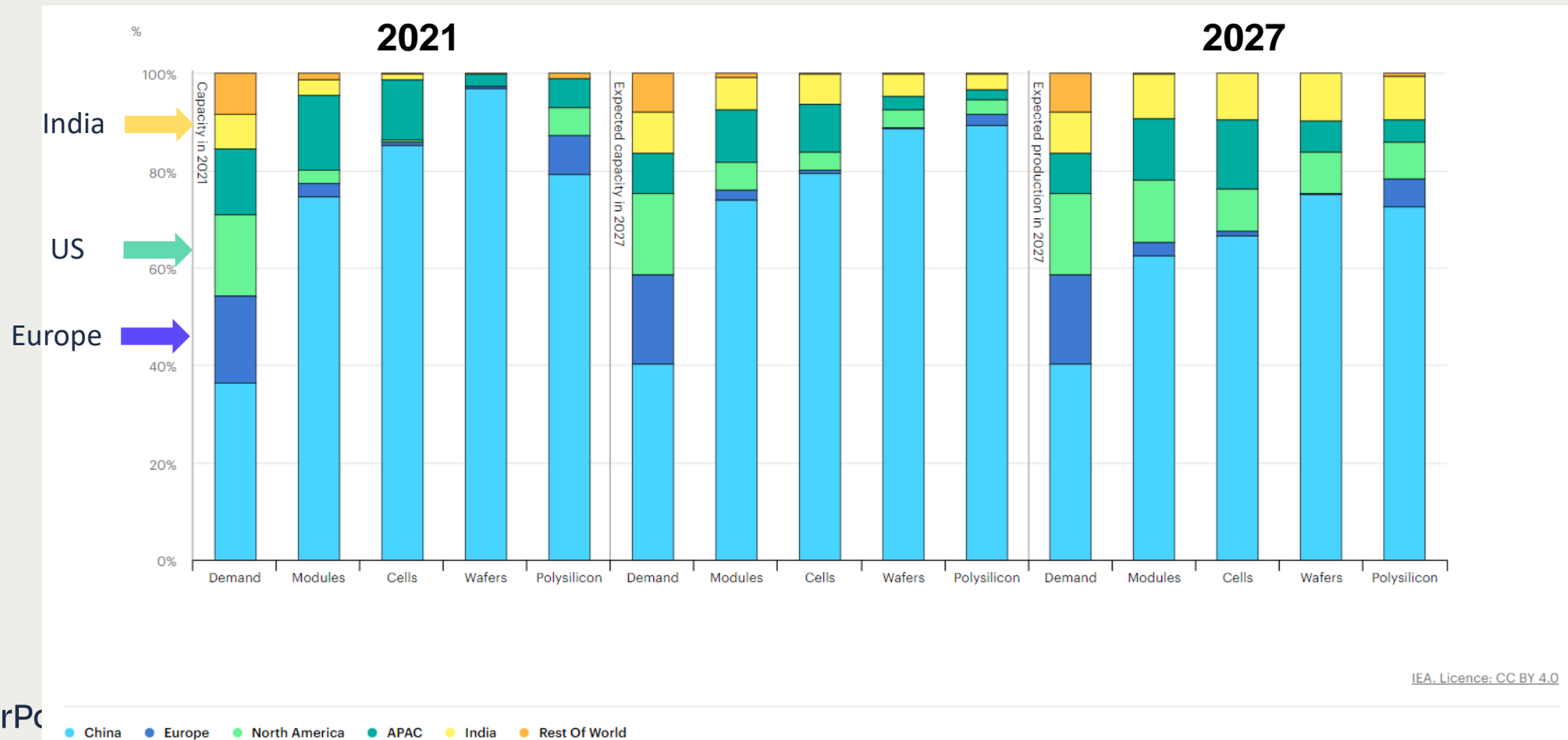
Norsun announces temporary wafer production halt, layoffs

Norsun has temporarily suspended production at its plant in Årdal, Norway, as module oversupply in Europe is affecting pricing across the solar value chain, resulting in employee layoffs through the end of this year.

SEPTEMBER 8, 2023 **pv magazine**

Today, solar supply chains rely almost entirely on China

Diversification of global PV supply is happening. Solar industrial strategies in India and US are yielding results. However, Europe is left behind.



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European Green Deal Industrial Plan – more needs to be done

Financing

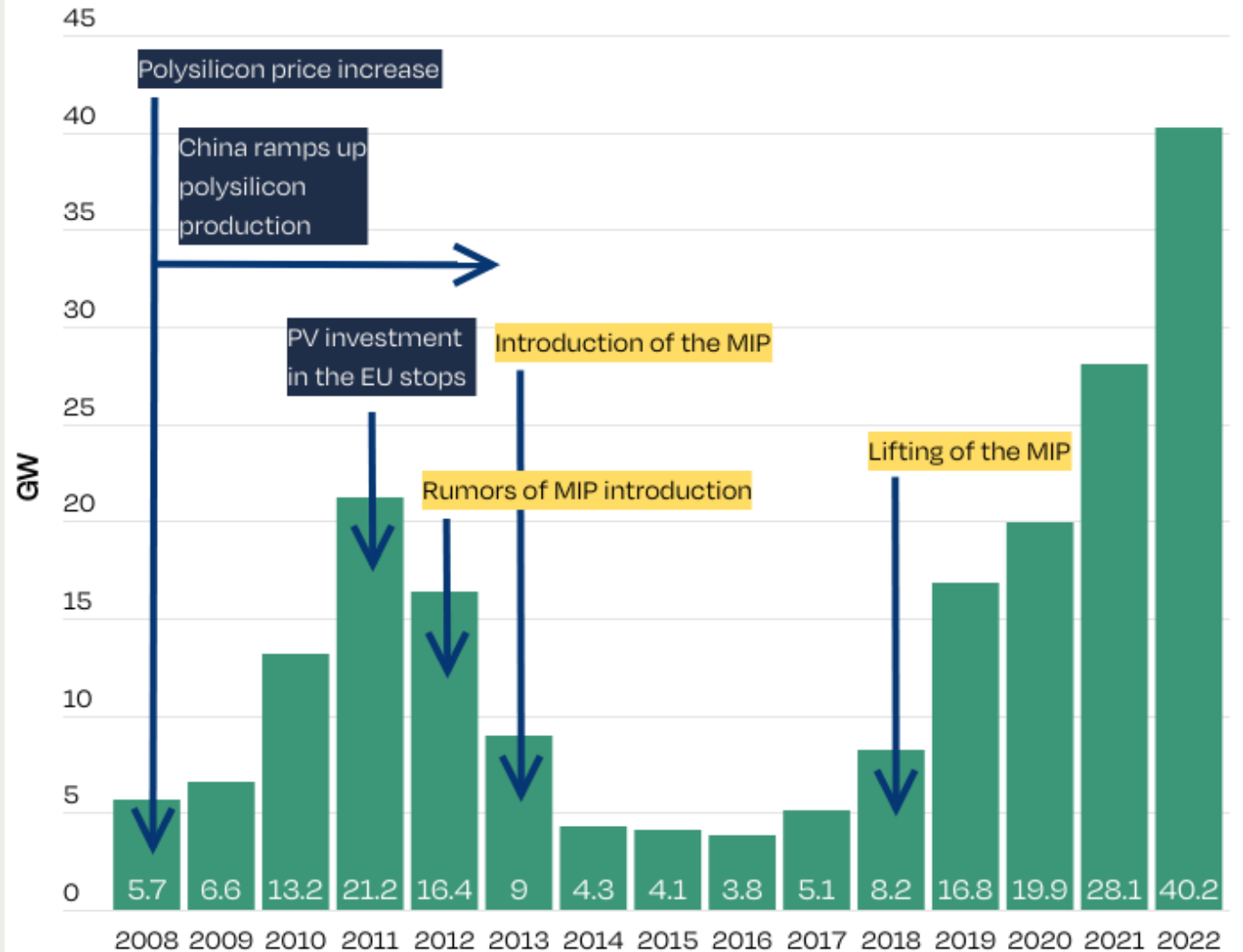
- Revise the **State Aid rules** under the Temporary Crisis and Transition Framework, allow for OPEX support and improve simplicity (matching clause 86)
- Establish a **European financial instrument** dedicated to Net Zero Strategic technologies with high dependency on one source of supply (e.g. a Solar Manufacturing Bank)

Demand Measures

- Set up **Resilience auctions across Member States for a small but growing segment** commensurate with the EU manufactured capacity objectives of 30GW by 2030.

**Make no mistake:
trade defence
measures are a lose-
lose strategy, as history
has shown**

Annual PV installations & policy framework changes in the EU,
2008 - 2022



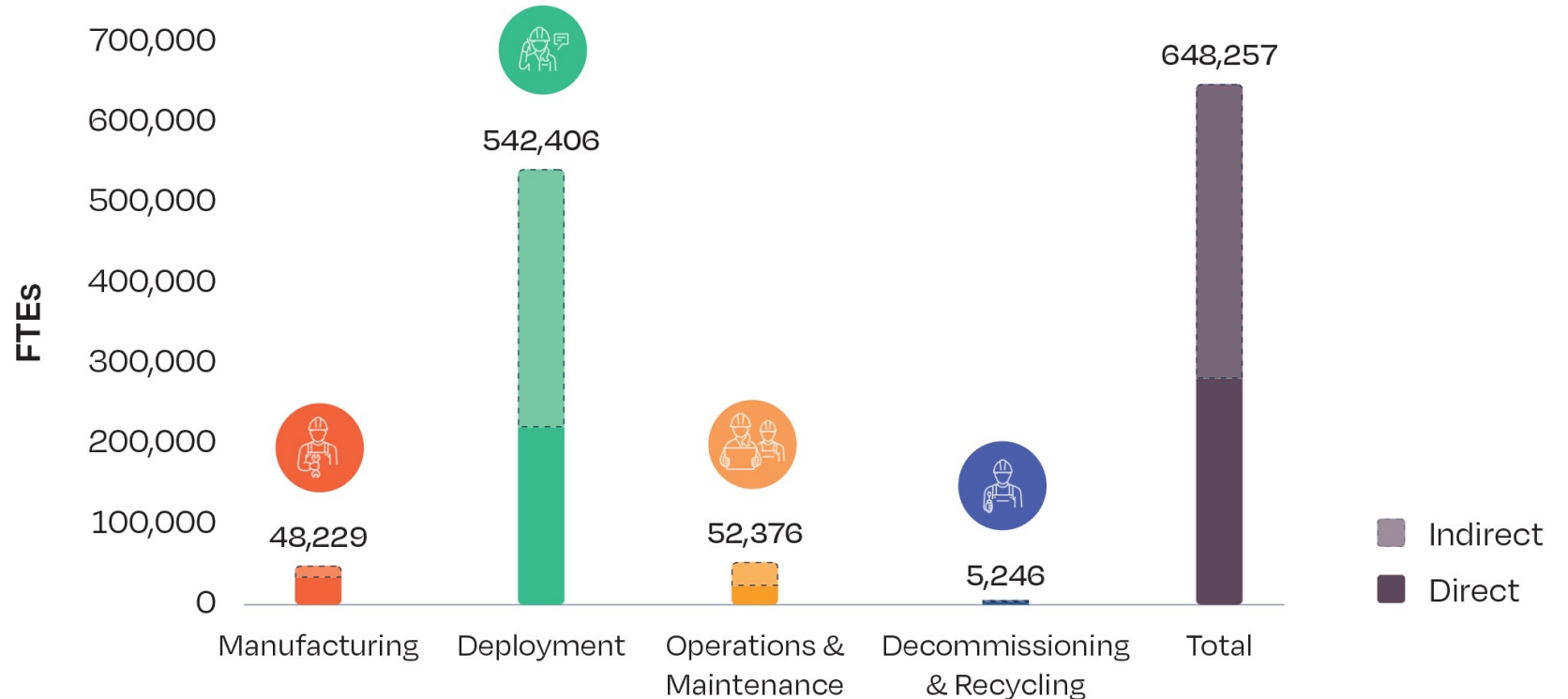
Source: SolarPower Europe

Trade defence measures put local solar jobs at risk

The solar sector represented **648,000** full-time equivalent jobs in the EU in 2022 (forecast: 1 Mio jobs in 2025 / 1,2 Mio jobs in 2027)

The majority of solar jobs (84%) are linked to activities in the **deployment** of solar PV systems.

EU-27 SOLAR JOB MARKET IN 2022



Make sure to keep the balance between equally important goals



EU's 2030 objectives on climate and energy security



Re-shoring solar manufacturing



Thank you!

Walburga Hemetsberger
CEO SolarPower Europe

