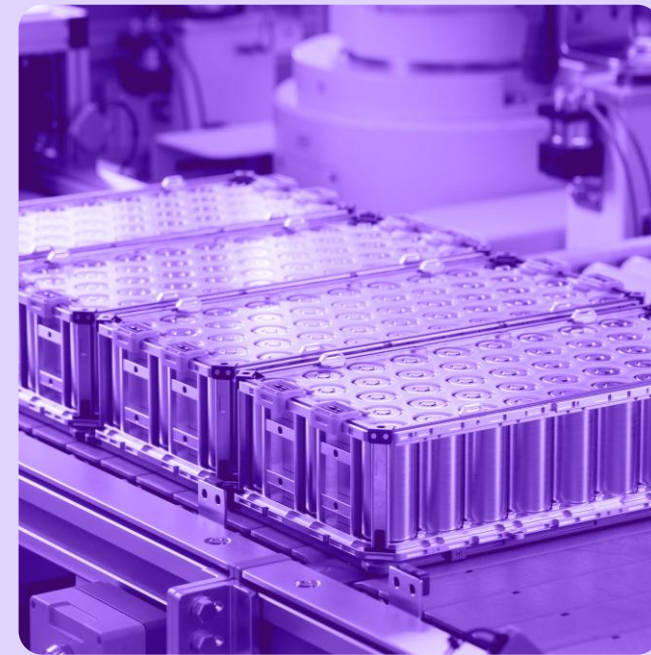


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SOLARPOWER SUMMIT 2025
WELCOME TO THE SOLAR FLEX ERA

FLEX



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SOLARPOWER SUMMIT 2025



CLOSING WORDS

WALBURGA HEMETSBERGER

CEO,
SolarPower Europe

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Flexing all Solar Segments:

- Solar buildings continue to be the backbone of solar deployment in the EU. They make up **two-thirds of installed solar** and offer incredible flex potential to the system. Our new Flexible Buildings, Resilient Grids report shows, **solar buildings can meet over half of daily flexibility needs by 2030** if the framework conditions are right.
- **Hybrid PV systems** can **drive decarbonisation**, enhance **energy security** and improve **energy affordability**. Our new report outlines exactly how coupling Solar with Batteries or with Wind optimises the usage of resources and increase renewables' reliability. With the right policies, we can expand their growth and embrace all of their benefits.

Flexing the Supply Chain:

- Our discussions went beyond just building solar factories but to create an **EU solar manufacturing eco-system vertically and horizontally on all parts of the value chains**. It is possible and NZIA is expected to give a meaningful contribution to that objective.
- During the inverter session, we learned yet again how dynamic the European inverter industry is – rapidly adopting to new market trends. At the same time, politicians are debating how PV, storage, and **flexibility can contribute to energy and cyber security**. We're working with policymakers to map risk, and offer real cybersecurity solutions.

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Flexing Across Markets:

- **Global:** Europe is not acting in a vacuum. Achieving the 11 TW target for renewables and the 1.5 TW target for storage by 2030 will require a truly global effort. This means convening policymakers, financiers, companies, and citizens and working together to achieve the twin aims of a truly green and flexible industrial revolution and ensuring universal access to clean, modern energy.
- **Central and Eastern Europe Solar & Storage Stories:** Hybrids (Solar + Storage) are the systems of the future in CEE! BUT we still have market and grid barriers to overcome pass

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Flexing Frameworks:

- **Permitting:** European rules to speed up permitting processes are already in place, now it's time to work on implementation and harmonisation across member states. Citizens hold the key – they can either make it or break it.
- **Negative prices:** The growth of negative prices in recent years is a market signal that reflects the need for more flexibility in more mature markets, but at the same time is a huge opportunity for end-consumers looking for cheap and abundant electricity.
- **Grids:** Grids & flexibility development need to go hand in hand, and for this, we need the system operator to integrate flexibility as part of their planning and operation. Member States must implement the regulation that we already have in place. Regulators must support removing the remaining barriers and setting the right framework for price signals.

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Flexing Quality:

- **Data:** Structuring your PV data is critical to making it work. Once this is done, you get visibility on your returns, it allows you to fix breakages quickly and even predict faults. AI models will make this much more accessible. This can increase your returns by 1% every year.
- **End-of-life:** Solar has laid the basis for effective PV end-of-life management, but there is much room for improvement. While on the R&I front the sector is already quite advanced, the challenge is upscaling these pilots at a large level to handle future waste streams. Changes in EU end-of-life legislation can bring significant improvement to the sector's performance.
- **Misinformation:** In an age when information spreads rapidly and widely, the future of solar energy lies in our ability to confront and dispel false narratives. It is essential for solar communicators to be equipped with the skills to identify and counter these myths effectively and consistently.