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New European Union solar panel manufacturer



Overview

Comprehensive ranking of Europe's top solar companies in 2025. Profiles include market share analysis, technology innovations, and key solar mounting solutions transforming EU renewable energy.

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The European solar market is experiencing unprecedented growth, with installations projected to reach 87GW annually by 2025. Driven by the REPowerEU plan and ambitious carbon neutrality targets, the continent is accelerating its transition to renewable energy. This analysis profiles the top 10.

The EU Solar Manufacturing map gives an overview of solar manufacturing companies active along the solar PV chain. On this map, you'll find manufacturers spanning from polysilicon to module as well as the aggregate production capacities for each segment. Furthermore, the map includes equipment.

In fact, in 2023, less than 15% of the EU's solar photovoltaic (PV) modules were produced domestically, with imports, mainly from China and Southeast Asia, covering the bulk of the demand. ☐☐ This reliance on imports raises concerns about energy security, economic resilience, and the sustainability.

Kivanc has been added to this edition of Sinovoltaics' Solar Supply Chain Map. Their goal is 1.2 GW of module production and 5 GW of cell manufacturing. Elite Solar is looking to manufacture 8 GW in Egypt. SC Heliomat is aiming to manufacture 1.5 GW in Romania. Sunart PV Enerji has also been added.

As of December 2023, Europe's installed solar photovoltaic capacity reached 224.6 GW, accounting for 13.5% of global installed capacity. Among them, Germany is the largest solar market in Europe, with an installed capacity of 65.1 GW, followed by Spain (33.9 GW), Italy (26.4 GW) and France (25.4).

The alliance aims to accelerate solar PV deployment in the EU by scaling-up to 30 GW of annual solar PV manufacturing capacity in Europe, facilitating investment, de-risking sector acceleration, and supporting Europe's decarbonisation targets. Launched by the European Commission in 2022, InnoEnergy.

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