

<div class="df_qntext">Should the construction sector be integrated with the solar sector?

The construction sector should be integrated with the solar sector, from governance until actual installation. At the same time, a competitive position can be maintained by increasing the efficiency of solar cells. The research which AMOLF and TNO are doing on (for example on perovskite cells and tandem cells) is promising in that regard.

<div class="df_qntext">What technologies dominate the solar PV market?

Currently, two global technologies dominate the solar PV market: crystalline silicon (c-Si) modules, accounting for over 95 per cent of global production, and cadmium telluride (CdTe) thin film PV technology. The U.S. (and the company First Solar) is the leading manufacturer for the latter type of technology.

<div class="df_qntext">Why do we need a solar market certificate in Europe?

Because of this and the little resilience Europe has against potential supply chain disruptions, initiatives such as the IPCEI PV, the ESMC, and the MCPV promote solar manufacturing made in Europe. Market certificates and labels are still a work in progress, with a need for more transparency.

<div class="df_qntext">How can solar PV technology help repower Europe?

Advancing solar PV technologies can play a key role in achieving the RePower Europe goals and differentiating from conventional market leaders. Currently, silicon is still the most used material, holding a market share of 95 per cent.

<div class="df_qntext">Is the Netherlands in a growing European solar PV value chain?

This study aims to identify the Netherlands' position in a growing European solar PV value chain, its obstacles and opportunities. The study relies on literature research, desk research, and interviews with industry stakeholders. Solar panel power generation has experienced remarkable growth worldwide.

<div class="df_qntext">What is the EU solar energy strategy?

Another initiative is the EU Solar Energy Strategy. This initiative is part of the REPowerEU plan. It aims to ensure that solar energy achieves its full potential in helping to meet the European Green Deal's climate & energy targets. The initiative pursues this objective through a three-fold approach.

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Solar container enterprise strategy position

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