

What is the European technology & innovation platform for photovoltaics (ETIP PV)?

The European Technology and Innovation Platform for Photovoltaics (ETIP PV) mobilizes all stakeholders sharing a long-term European vision for PV, helping to ensure that Europe maintains and improves its industrial position, in order to achieve a leadership position within the global PV market.

What is ETIP PV SRIA for photovoltaics?

Marko Topic, ETIP PV Chairman states: "ETIP PV SRIA for Photovoltaics covers science, technology, and engineering as well as socio-economic aspects till 2030 that positions PV in the heart of the clean energy transition.

What is the development trajectory of PV industry in China?

The development trajectory of the PV industry in China indicates that innovation in cleaner energy technologies can occur through both global and national innovation processes, and knowledge exchange along the global PV value chain. 1. Introduction

What drives PV technology transfer from global innovation system to China?

The main drivers for PV technology transfer from the global innovation system to China are global market formation policy, international mobilization of talent, the flexibility of manufacturing in China, and related policy incentives from China's government.

What is ETIP PV?

ETIP PV gathers more than 200 experts covering the entire PV value chain. ETIP PV aims to actively support achieving the European Union's green energy policy goals as well as the additional actions needed to limit global temperature rise to 1.5°C.

Is China a rapid innovation 'follower' in the PV industry?

Against this background, this paper will explain China's success as a rapid innovation "follower" in the PV industry by focusing on Chinese firms' strategies to upgrade their competitiveness through vertical integration, as well as by identifying the main drivers of the transfer of PV technology from developed countries to China.

The establishment of the science and technology innovation board aims to further implement innovation-driven development strategy, enhance the service level of the capital ...

As an emerging clean technology, PV technology has typical spatiotemporal characteristics, with rapid spatial shifts in the PV industrial value chain (Binz et al., 2017) and ...

China's eagerly awaited Science and Technology Innovation Board opens a key financing channel for innovative tech and will have a profound impact on China's capital market, writes Luo WeiTeng. S houldering the ...

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policy lessons on how technology can diffuse successfully in emerging countries. We combine both quantitative and qualitative evidence. On the quantitative side, we rely on a dataset ...

The global demand for photovoltaics (PVs), or solar cells, increased by 53 percent per annum during 2000 to 2010. Japanese PV manufacturers, which had been the leading force of the ...

We focus on the challenges facing the European photovoltaic sector. We make recommendations to improve the competitiveness of the European PV industry, both the upstream segments (incl. feedstock supply, equipment ...

Abstract: By establishing a game model between suppliers and manufacturers in the upstream and downstream enterprises of the supply chain, the impact of different parameters such as ...

ETIP PV has developed a Strategic Research and Innovation Agenda (SRIA) which focuses on solar PV technology as a prominent aspect of the EU's commitments to its clean energy targets and...



Science and Technology Innovation Board Photovoltaic Upstream

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