



Hairun Photovoltaic becomes a member of the Science and Technology Innovation Board

Why is the PV innovation system complete in China?

With the rapid rise of the Chinese PV manufacturing sector, it is the domestic market for PV that is the missing link which makes the PV innovation system complete. The small size of the domestic market is mainly due to the weak lobby network around PV, which is believed to be a common institutional problem in China.

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 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

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.

Is China a 'follower' in the PV industry?

China's success as a rapid innovation "follower" in the PV industry was a second surprise to market observers. China effectively entered the global PV industry in 2001 when the global market was just emerging.

How did the Chinese PV industry become a technology transfer company?

Many of the leaders of the Chinese PV industry were either educated or worked outside China and returned to found or join new firms. The recruitment of these people constitutes the first method of PV production technology transfer.

Specifically, there are 32 enterprises in the new-generation information technology industry, 21 in the biomedicine industry, 17 in the high-end equipment industry, and 10 in the new materials ...

In Proceedings of the 31st European Photovoltaic Solar Energy Conference and Exhibition, 259-263 (2015) ... Presented at the Workshop on Challenges in PV Science, Technology, and Manufacturing, West Lafayette, ...



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Collaborations and co-creations within the "Holy Triangle of Science, Technology and Industry" have been governing the unprecedented progress in each and every part of the value chain of ...

In 2019, China established the Science and Technology Innovation Board (STAR) as a new platform, specifically designed to facilitate the listing of high-tech startups. Specifically, the ...

In order to implement the requirements in the Implementation Opinions on Establishing Science and Technology Innovation Board and Piloting Registration-based IPO System on Shanghai ...

The value chain analytical approach is synergized with the theories of technology transfer and innovation systems. o. A detailed review of how China integrated itself into the ...



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