

What is co-operative innovation in the photovoltaic industry?

Cooperative innovation spread from the east to west in space and from the central area to surrounding cities. In terms of the industry chain, the initial innovation cooperation (in 2010) of the photovoltaic industry focused on mid-stream links such as solar cells and module manufacturing.

Are Chinese solar photovoltaic (PV) companies engaged in overseas activities?

We find that Chinese solar photovoltaic (PV) firms are primarily engaging in downstream activities overseas, along with some manufacturing activities, and minimal upstream activities. We also find that there are opportunities for technology transfer within all segments of the solar value chain characterizing overseas activities.

Where is the photovoltaic (PV) market developing?

Figure 7. The photovoltaic (PV) market development in China, Germany, Japan and the USA from 1990 to 2017 (Data source: IEA. PVPS. National Survey Report of PV Power Applications). By the end of 2009, the cumulative PV installed capacity in China was only 300 MW.

Should Korea adopt a dual-track approach to promoting photovoltaic technology?

Ehie and Olibe (2010), by studying the research and development strategy of photovoltaic (PV) in Korea, pointed out that the Korean government should follow a dual-track approach of fostering commercialized technologies to cope with the current rapid growth and volatility of the market in order to enhance the competitiveness of the PV industry.

How do solar PV companies benefit from government support?

Similar to other industrial sectors, solar PV companies have benefited directly and indirectly from government support, including subsidies, reduced energy and land prices, access to capital, and research funding, which gave them a significant competitive advantage in the global market (Gang, 2015; Zhang & Gallagher, 2016).

What is the core competitiveness of photovoltaic firms?

As a technology-intensive industry, the core competitiveness of photovoltaic firms is technological innovation capability. Moreover, photovoltaic technology has the characteristics of interdisciplinary, thus, innovation cooperation among photovoltaic firms is especially necessary.

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Photovoltaic panel company cooperation

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FuturaSun was established in 2008 by a team of managers in Veneto, Italy's hub of the photovoltaic industry. However, FuturaSun is not one of those many solar companies which enjoyed extremely rapid growth during the years of ...

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