

What is the photovoltaic solar programme?

The mission of the programme is to "enhance the international collaborative efforts which facilitate the role of photovoltaic solar energy as a cornerstone in the transition to sustainable energy systems." In order to achieve this, the Programme's participants have undertaken a variety of joint research projects in PV power systems applications.

Where do solar PV manufacturers come from?

Based on a sample of globally leading solar PV manufacturers originated in Canada, China, Germany, South Korea, and the United States of America we conduct a detailed analysis and provide insights into solar PV industry upstream and downstream network dynamics examined for the period 2007-2023.

What is the IEA photovoltaic power systems programme?

The IEA Photovoltaic Power Systems Programme (IEA PVPS) is one of the TCP's within the IEA and was established in 1993. The mission of the programme is to "enhance the international collaborative efforts which facilitate the role of photovoltaic solar energy as a cornerstone in the transition to sustainable energy systems."

How does the government regulate the PV industry?

To regulate the PV industry and ensure its healthy development, the central government introduced a series of standards covering the design, construction, acceptance, and land use of solar PV stations. 4.2.3. Promotion and application of PV technology During this period, the domestic PV market experienced rapid development.

Why did China promote the solar PV industry?

The solar PV industry (as well as wind power) was supported and promoted with the explicit aim to create a leader in the global renewable energy market and to export equipment made in China to the promising solar markets in Europe and in USA. China's government wanted to take its export-oriented, "factory of the world" economy to the next level.

Is solar PV a good investment for business and policy makers?

As from our point of view the development of renewable industries such as solar PV should be of vital interest for business and policy makers in light of global warming, cleaner production and also against the background of interesting business opportunities which contribute to economic and societal prosperity.

The core assets in the production/generation sector for electricity from renewable sources are the electricity generation facilities themselves, such as wind turbines in wind farms and solar panels and inverters in photovoltaic power stations. Additionally, land use rights, intellectual property, power grid access, and transmission infrastructure are also critical assets that support the ...



