
High-efficiency government procurement of photovoltaic containers in the European Union

How important is PV in the EU economy?

The importance of the development of PV systems in the EU economy is confirmed by the data, which shows that over 260,000 jobs were provided by this sector, increasing by 38% compared to the global PV sector in 2011. However, the market changed from 2011 to 2015, and it lost almost 50% of jobs.

Why do we need a unified approach to solar photovoltaic procurement?

This surge in solar photovoltaic (PV) adoption underscores the need for a unified approach towards sustainable and responsible procurement practices, especially in the public sector.

Does EU legislation support the development of the PV market?

The development of the PV market will not be possible without supportive EU policies, financial incentives, and appropriate legal standards. Contemporary EU legislation is conducive to the development of the PV market; however, further support, as well as advice on the functioning of this type of investment, is needed.

How much solar PV will the EU produce by 2030?

The EU has goals to reach 30 gigawatts (GW) of operational solar PV manufacturing and 40% self-production of net-zero technologies, including solar PV, by 2030 [26].

In course of implementing the United Nations SDGs goals, for example, the EU seeks to sharply increase renewable energy generation potentials but currently lacks sufficient ...

This paper addresses SSS-fleet compliance with CII regulation, Market and Goal-Based Measures imposed by the European Union (EU) through solar photovoltaic systems ...

This paper focuses on an empirical assessment of feed-in tariff and quota obligation policies, as well as their policy design elements, applied to solar photovoltaic energy ...

Photovoltaic (PV) energy has recently been gaining much attention worldwide. It is the least expensive energy source which can be used to replace part of the energy from fossil ...

This sector's central role in the European economy presents both a challenge and an opportunity. By embedding circularity and decarbonisation into public procurement policies, ...

Here, we apply a supply chain optimization model to perform scenario analysis of the PV supply chain development through 2021-2030 considering various European economic ...

Together with RISE (Research Institute of Sweden) and HBV (a central purchasing body of public housing companies), the project partnership has developed a procurement ...

Joint procurement is an important tool that is currently under-exploited at European Union

level. It can greatly enhance the effectiveness of public spending in Europe, achieving ...

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