

## Photovoltaic Solar Energy: Big and Beyond - ETIP PV Publishes Vision for Future Energy Supply



### Photovoltaic Solar Energy: Big and Beyond Sustainable energy to reach the 1.5 degrees climate target

Vision and claims of the  
European Technology and Innovation Platform for Photovoltaics (ETIP PV)



- A sustainable future with a clean European and global energy system
- Photovoltaic solar electricity (Solar PV) has recently become the lowest cost source of electricity in most parts of the world
- Solar PV can be used in all geographic regions and its generating capacity can be installed rapidly and scaled up flexibly
- Solar PV can drastically reduce GHG emissions from the power sector and in other sectors through electrification
- Solar PV requires a socially compatible energy transition by offering employment, distributed generation and integrated applications as well as new business opportunities
- Solar PV in combination with wind energy, storage and conversion ("power-to-X") is the cornerstone of the future sustainable energy system
- Solar PV needs to be developed rapidly, sustainably and globally including action Europe to limit global temperature rise to 1.5 degrees
- More PV component manufacturing and PV generating capacity are needed in Europe to seize economic opportunities and to reduce dependence on energy imports and on PV technology imports



ETIP PV envisions a world with 100% renewable electricity supply where electricity is accessible to all and where electricity makes major inroads into satisfying the final energy demand for living including communications, zero-emission transport and mobility, efficient heating and cooling, and even sustainable fuels, chemicals and materials. By applying Solar PV, buildings will increasingly become places of energy production and not only of energy consumption.

ETIP PV will distribute its vision paper right to the start of the UN climate summit “Cop 24” in Katowice, Poland.

[Download ETIP PV Vision](#)

## The Commission Calls for a Climate Neutral Europe by 2050

Today the European Commission adopted a strategic long-term vision for a prosperous, modern, competitive and climate neutral economy by 2050 – A Clean Planet for all. The strategy shows how Europe can lead the way to climate neutrality by investing into realistic technological solutions, empowering citizens, and aligning action in key areas such as industrial policy, finance, or research – while ensuring social fairness for a just transition.

More: [https://ec.europa.eu/clima/news/commission-calls-climate-neutral-europe-2050\\_en](https://ec.europa.eu/clima/news/commission-calls-climate-neutral-europe-2050_en)

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## Climate Summit COP 24 Takes Place in Poland from 2 - 14 December 2018



The 24th United Nations Climate Change Conference will take place from 2 - 14 December 2018 in Katowice, Poland.

To adopt a decision ensuring full implementation of the Paris Agreement is the main objective of COP 24. This implementation package will give the Paris Agreement a realistic shape by setting out a path that each country will decide to follow in terms of intensifying its climate protection efforts.

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## ETIP PV Released Report on PV Quality and Economy



ETIP PV has published a report on PV Quality and Economy in September 2018.

To achieve a sustainable development of PV technology, the only way is to focus on quality products and procedures. All stakeholders involved in PV plant design and installation need to collaborate and engage for a sustainable long-term selection of products and systems.

[Download ETIP Report on PV Quality and Economy](#)



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**Our mailing address is:**

info@etip-pv.eu