



Press Release

1 372 MW_{th} of new solar thermal capacity installed in the EU-28

EurObserv'ER releases SOLAR THERMAL AND CONCENTRATED SOLAR POWER (CSP) BAROMETER

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<https://www.eurobserv-er.org/solar-thermal-and-concentrated-solar-power-barometer-2018/>

Paris, July 2018

Key data for European Union (EU) Solar thermal / CSP sector in 2017

For solar thermal appliances

1 960 666 m²: Annual installed collector surface area in the EU-28 in 2017 (2 585 023 m² in 2016.)

51 406 679 m²: Cumulative installed collector surface area in the EU-28 in 2017 (+ 2.1% since 2016.)

For Concentrating Solar Power (CSP) plants

2 314.3 MW: Concentrating Solar Power (CSP) plants in operation in 2017

438.4 MW: CSP projects under development in the EU at the beginning of 2018

Main findings of the EurObserv'ER Solar thermal and CSP Barometer 2018

Solar thermal appliances

The solar thermal market in the European Union contracted sharply by 24.2% in 2017 as the annual collector surface installed fell below 2.5 million m² levels as attained in 2016. Flat plate collectors still account for most of the installed surface area (91.9%), followed by vacuum tube collectors (6.4%) and unglazed collectors (1.7%). Many European countries are either finding it hard to stabilize or are trapped in a downward spiral due to political choices on imposing regulations for thermal heating. The European market's trend decline continued since 2009 and is now lower than 2003 levels (2.1 million m²). This is partly attributed to the decommissioning of old installations from the market surge twenty years ago.

Concentrated Solar Power (CSP)

European concentrated solar power capacity for producing electricity has been stable since 2013. This is the result of the market slowing down after the flurry of installations in Spain from 2007 to 2014. Several projects are expected to take place in 2018 primarily in France and Italy adding another 10 MW into the EU total CSP capacity.



Links and free downloads

- “The State of renewable energies in Europe”, 17th edition, <https://www.eurobserv-er.org/17th-annual-overview-barometer>
- All EurObserv'ER graphs and tables, <https://www.eurobserv-er.org/press-corner-graphs-and-tables>

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The topic of the next Barometer will be:

BIOFUELS



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About EurObserv'ER

EurObserv'ER regularly publishes market reports (Barometers) containing energy data reflecting the current dynamics in renewable sources of energy in 10 sectors (solar PV, wind, hydropower, geothermal, biogas, solid biomass, biofuels, heat pumps, small hydro, renewable waste) within the European Union and worldwide.

Note for editors

In case you use this press release for an article, the consortium would appreciate receiving a short reference to the article. The reference can be sent to the e-mail address mentioned above.

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Disclaimer

This barometer was prepared by Observ'ER in the scope of the EurObserv'ER project, which groups together Observ'ER (FR), the Energy research centre of the Netherlands (ECN part of TNO, NL), the Renewables Academy (RENAC, DE), Frankfurt School of Finance and Management (DE), Fraunhofer-ISI (DE) and Statistics Netherlands (NL). The information and views set out in this publication are those of the author(s) and do not necessarily reflect the official opinion of the Commission. The Commission does not guarantee the accuracy of the data included in this study. Neither the Commission nor any person acting on the Commission's behalf may be held responsible for the use which may be made of the information contained therein.