



Press Release

## Solar thermal market in the EU dropped by 15.3% in 2020

EurObserv'ER releases **SOLAR THERMAL / CSP BAROMETER 2021**

### FREE DOWNLOAD

**ENGLISH:** <https://www.eurobserv-er.org/pdf/solar-thermal-and-csp-barometer-2021>

**FRENCH:** <https://www.eurobserv-er.org/barometres-solaire-thermique-et-solaire-thermodynamique-2021/>

Paris, Août 2021

### Key data for the EU Solar thermal / CSP sectors in 2020

#### Solar thermal appliances:

**1.94 million m<sup>2</sup>:** Newly installed collectors surface area in the EU in 2020 (2.28 Mm<sup>2</sup> in 2019)

**53.9 million m<sup>2</sup>:** Cumulated solar thermal collectors surface area in the EU in 2020

#### Concentrating Solar Power (CSP) plants:

**2 329 MW:** CSP plant capacity in operation in the EU in 2020 (2 328 MW in 2019)

### Main findings of the EurObserv'ER Solar thermal / CSP Barometer 2021

According to EurObserv'ER data, 1.94 million m<sup>2</sup> of solar thermal panels were installed in the EU-27 in 2020. This figure is equivalent to a capacity of 1,358 MW<sub>th</sub> and marks a decrease of 15.3% compared to the previous year. The total collector area in the EU is 53.9 million m<sup>2</sup> (37,711 MW<sub>th</sub>), an increase of 1.7% in one year. The European market declined in 2020, particularly in Denmark (-92%), Poland (-39%) and Greece (-16%). Germany, on the other hand, maintains its position as market leader (+26%) for both flat plate and evacuated collectors. With a market of more than 120,000 m<sup>2</sup>, France is in fifth place in Europe in 2020. It is part of the group of six countries that had a national market exceeding 100,000 m<sup>2</sup> last year. In terms of PV-T hybrid solar collectors, the European installed base is estimated at 242,000 m<sup>2</sup>, with Germany once again leading the segment with almost half of the installed area.

The European concentrated solar power (CSP) market has been at a standstill since 2019 with 2,329 MW installed. However, it could be revived thanks to upcoming tenders announced in Spain.

The **next EurObserv'ER** barometer in September 2021 will cover **renewable energy in transport**.



## LINKS and FREE DOWNLOADS

- **ANNUAL REPORT:** “The State of renewable energies in Europe”, 19th edition, <https://www.eurobserv-er.org/19th-annual-overview-barometer>
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## About EurObserv'ER

Since 1999, EurObserv'ER regularly publishes market reports (Barometers) containing energy data reflecting dynamics in renewable sources of energy in 10 sectors (solar PV, wind, hydropower, geothermal energy, biogas, solid biomass, biofuels, heat pumps, small hydro, renewable waste) within the EU-27 and worldwide.

### Suggested report citation:

EurObserv'ER: Solar thermal and concentrated solar power Barometer 2021, <https://www.eurobserv-er.org/solar-thermal-and-concentrated-solar-power-barometer-2021/>.

We appreciate receiving a short reference when EurObserv'ER data is used in an article, report, news, or website. Please send an e-mail to [diane.lescot@energies-renouvelables.org](mailto:diane.lescot@energies-renouvelables.org).

## DISCLAIMER

This barometer was prepared by Observ'ER in the scope of the EurObserv'ER project, which groups together Observ'ER (FR), TNO (NL), Renewables Academy (DE), Fraunhofer-ISI (DE), VITO (BE) and CBS 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.