

Press Release

1 823.2 MWth of new solar thermal capacity installed in the EU-28

EurObserv'ER releases Solar thermal and Concentrated Solar Power (CSP) BAROMETER

Free Download:

https://www.eurobserv-er.org/pdf/solar-thermal-and-concentrated-solar-power-barometer-2017

Paris, June 2017

Key data for European Union (EU) Solar thermal / CSP sector in 2016

For Concentrating Solar Power (CSP) plants

2 313.7 MW_e: Concentrating Solar Power (CSP) plants in operation in 2016
506.2 MW_e: CSP projects under development in the EU at the beginning of 2017

For solar thermal water heaters

2 604 627 m²: Annual installed collector surface area in the EU-28 in 2016
51 019 245 m²: Cumulative installed collector surface area in the EU-28 in 2016 (34 401 MWth in 2015.)

1 823.2 MW_{th}: Annual installed solar thermal power equivalent in 2016

Main findings of the 2017 EurObserv'ER Solar thermal / CSP Barometer:

Solar thermal water heaters

The European solar thermal market is still losing pace. According to the preliminary estimates from EurObserv'ER, the solar thermal segment dedicated to heat production (domestic hot water, heating and heating networks) contracted by a further 4.6% in 2016 down to 2.6 million m². The sector is pinning its hopes on the development of the collective solar segment that includes industrial solar heat and solar district heating to offset the underperforming individual home segment. Flat plate collectors still account for most of the installed surface area (93.4%), followed by vacuum collectors (5.3%) and unglazed collectors (1.3%). Since 2009, the European Union's solar thermal market has been contracting by an annual average of 6.9%.

Concentrated Solar Power (CSP)

Since 2014 European concentrated solar power capacity for producing electricity has been more or less stable. New project constructions have been a long time coming, but this could change at the end of 2017 and in 2018 essentially in Italy.





Links

- Free download of the report "<u>State of renewable</u> energy in Europe", 16th edition (PDF, ENG, 5 MB)
- Free download of <u>all Barometers</u> (PV, Wind, solar thermal/CSP, Biomass, Biogas, Biofuels)
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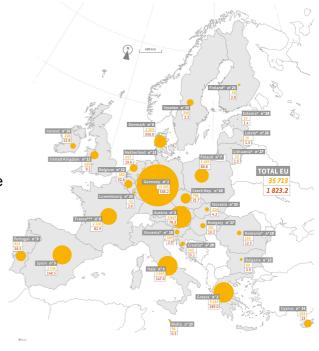
Further Information:

– https://www.eurobserv-er.org

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, 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.

If you are referring to EurObserv'ER data in an article, report or other medium, please reference the source as follows: Source: EurObserv'ER, www.eurobserv-er.org, 2017.

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, 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.

