



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 under-performing 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.

