



Press Release

## EU could be the global leader in Ocean Energy by 2030

First EurObserv'ER Barometer released dedicated to Ocean Energy

[Free Download](#)

Paris, November 2019

### Key data for the EU Ocean Energy sector

<b>243.4 MW</b>	European Union's official renewable on-grid ocean energy capacity end of 2018
<b>489.3 GWh</b>	Electricity output from EU ocean energy installations
<b>100 GW</b>	Potential ocean and wave energy deployed in EU waters by 2050

### 10 countries and an industry waiting for a commercial breakthrough

Ocean energy covers a wide range of different conversion technologies

Tidal range energy

Tidal stream energy

Wave energy

Ocean Thermal Energy conversion (heat)

Salinity gradient energy (osmosis)

In 2018, 24 wave energy converter projects and 18 tidal stream projects were found in respectively 9 and 5 European Union Member States.

Operational ocean energy systems can be found in France, the UK, Spain, The Netherlands, Sweden, Portugal, Italy, Denmark, Belgium and Greece. Over the coming decade a sharp technology cost reduction can be expected.

### Advanced research and many test plants

45 pre-commercial prototypes and demonstrators exist throughout the European Union in 2018 (some of which may have been decommissioned since then). Behind the UK and France, eight other European Union coastal countries are developing innovative prototypes and demonstrators. Many research projects receive substantial support from the European Commission via the Horizon 2020, NER 300, or the European Interreg programmes.

The next EurObserv'ER barometer will cover: **SOLID BIOMASS**



## Links and free downloads

**REPORT:** [“The State of renewable energies in Europe”](#), 18th edition,  
**DATABASE** with all EurObserv'ER data:  
All [graphs and tables](#),  
Subscribe to the [EurObserv'ER Newsletter](#)  
Follow us on [Twitter](#),  
Download all [Press Releases](#),

Further Information: [eurobserv-er.org](http://eurobserv-er.org)



For further information, please contact:  
Ms Diane Lescot  
Observ'ER  
146, rue de l'Université  
75007 Paris / France  
Tel : +33 (0) 1 44180080  
E-mail : [diane.lescot@energies-renouvelables.org](mailto:diane.lescot@energies-renouvelables.org)

## About EurObserv'ER

Since 1999, EurObserv'ER regularly publishes market reports (Barometers) containing energy data reflecting dynamics in 10 renewable energy sectors (PV, wind, hydropower, geothermal energy, biogas, solid biomass, biofuels, heat pumps, small hydro, renewable waste) within the EU-28 and worldwide.

## Note for editors

Suggested report citation: *EurObserv'ER 2019: “Ocean Energy Barometer 2019”*, [www.eurobserv-er.org](http://www.eurobserv-er.org). 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).

This barometer was prepared by Observ'ER in the scope of the EurObserv'ER project, which groups together Observ'ER (FR), ECN part of TNO (NL), the Renewables Academy (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.