

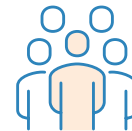
How it works



The **SET Plan** is the technology pillar of the EU's energy and climate policy



An **Implementation Plan** was developed for ocean energy actions in the SET Plan



The **Implementation Working Group** will deliver actions



OceanSET



Overview of OceanSET

OceanSET aims to obtain a solid understanding of **evolution in the European ocean energy sector** in order to **optimally tailor future funding** for member states, regions and the European Commission.



3 years
(Mar 2019 – Feb 2022)



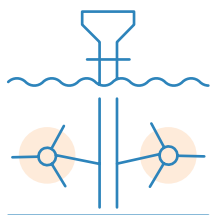
Budget of €1 million



Funding from Horizon2020

Annual report key findings – 2020

16 responses received (from 14 member states). Ref year 2020.

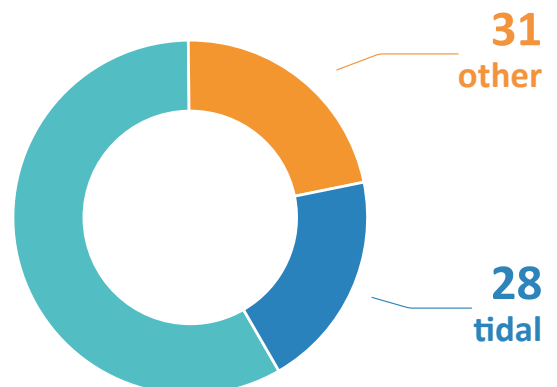


A total of

141

ocean energy projects supported

82
wave



Annual report key findings – 2020

16 responses received (from 14 member states). Ref year 2020.



€28.7
million in public funding from
member states and regions

7 member
states have an
**ocean energy
budget**

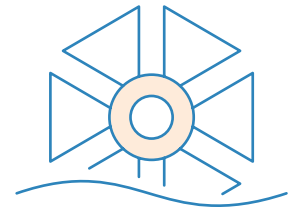


11 member states
have **test site facilities**

8 member states have
an **ocean energy
policy**



10 member states
were **funding ocean
energy projects** and
11 were funding TRL 7+



Ocean energy projects survey

Member states reported 34 projects over TRL 7 active in 2020. Developers reported target values from a selection of projects.



12 tidal projects

- > Mainly horizontal axis turbines and tidal kite

For 0.25 – 2 MW rated capacities:

- > **78%** average annual availability for tidal prototypes
- > **3.4 €/W** average capital expenditure
- > **0.5 €/W/year** average operational expenditure



17 wave projects

- > Technologies included point absorber, attenuator and oscillating wave column

For 0.2 – 1.5 MW rated capacities:

- > **78%** average annual availability for wave prototypes
- > **6,4 €/W** average capital expenditure
- > **0.5 €/W/year** average operational expenditure

5 other projects