



THE EUROPEAN MARINE ENERGY CENTRE LTD

Wave resource

2

Global market

**Tidal resource** 

International Energy Agency,

337GW worldwide by 2050
\$1.87 trillion worldwide by 2050
£4 billion to UK GDP by 2050

2015

4



























-1

450kW subsea data centre

Storage cap

15

**Project Natick** 

2018 | Naval Group















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## Energy Systems

## **The ReFLEX Project**

- Demonstration of a first-of-its-kind Integrated Energy System (IES) for local power, transport, and heat networks
- Smart, real time, digital interlinking of energy sources and demands to optimise overall system efficiency
- £28.5M UK Research and Innovation funded Smart Local Energy Systems project
- Use pre-financed and self-financed customer/user infrastructure delivered through democratised business models





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