

Tidal International Cooperation

- EU
 - Horizon Europe
 - Interreg, TIGER project (Raz Blanchard)
 - Good policy support for marine energy, implementation slower. UK involvement difficult.
- Japan
 - New Energy & Industrial Technology Development Organisation, NEDO (Kairyu turbine)
 - Ministry of Environment (Kyuden Mirai Goto Project)
 - Government funding proof-of-concept projects.
- USA
 - Department of Energy, Office of Energy Efficiency and Renewable Energy
 - Early-stage development backed by grant funding. Theoretically possible to partner. Industry and academic.
- Canada
 - Natural Resources Canada
 - FORCE
 - Small-scale support, focused around FORCE. FiT for local projects. University research involvement.
- China
 - State Oceanic Administration
 - China Three Gorges (Zhoushan project)
 - Early-stage government funding, based around university groups and industry
- Korea
 - K-water (Sihwa tidal range project)
 - Hyundai (tidal stream)
 - Government support, but slow

Research Leadership - Tidal

- UK is an international leader, so provides good platform for research
- Tidal industry had good track record, is small and weak due to intermittent policy support, but good potential
- Many fundamental research needs:
 - Flow modelling and output optimisation
 - Environmental impacts
 - Reliability development
 - Technology not fixed – e.g. array grid connection, passive pitch