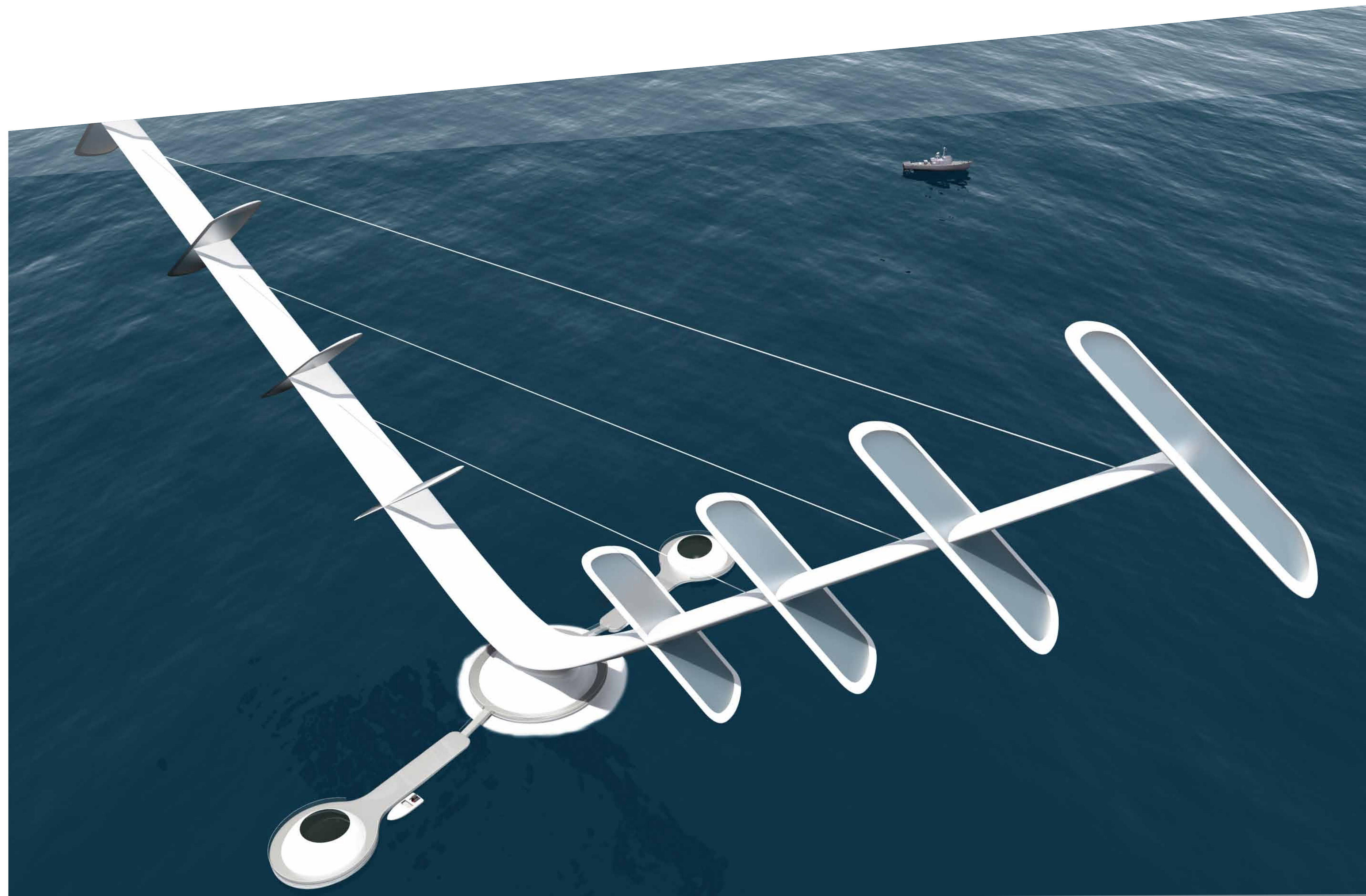


# offshore wind energy

## 'NOVA' (Novel Offshore Vertical Axis)



Offshore Aerogenerator concept image by Grimshaw Architects. Image ©WPL/Grimshaw 2008

### 'NOVA' (Novel Offshore Vertical Axis) aims to provide 1 GW of power from offshore vertical axis turbines by 2020.

NOVA will prove the feasibility of a unique wind turbine invented by David Sharpe and developed by Wind Power Limited whose design can be likened to a pair of giant vertical wings which have the benefit of ruggedness, stability and simpler maintenance access compared to the horizontal axis concept of conventional turbines.

The NOVA team is a UK-based consortium led by Guildford energy specialists OTM Consulting and includes representatives from three UK universities – Cranfield, Strathclyde and Sheffield – UK SMEs Wind Power and James Ingram Associates and UK research organisations – CEFAS and QinetiQ. For more details visit: [www.nova-project.co.uk](http://www.nova-project.co.uk)

