

# Introducing Nautilus Interconnector

**At National Grid Ventures (NGV), we are bringing forward plans for Nautilus, a new multi-purpose interconnector (MPI) that could supply enough electricity to power around 1.4 million UK homes.**

Nautilus could connect up to 1.4 gigawatts (GW) of offshore wind to the transmission systems of Great Britain and Belgium through a subsea electricity cable called an interconnector, sharing energy with Belgium through cross border transfers. The 1.4 GW interconnector could connect up to 2.8 GW of offshore wind, given the import and export capability of the high voltage direct current (HVDC) cable to two demand centres (Great Britain and Belgium). The project would include underground cabling works and onshore infrastructure, located in East Suffolk.

Building upon our experience as a world leading developer and operator of interconnectors, we have been working closely with Elia, BEIS, Ofgem and numerous non-governmental organisations to develop the next generation of interconnector and wind connection technology – multi-purpose interconnectors.

Further details on MPIs can be found on the ‘What is a multi-purpose interconnector?’ board.

