

TARCHON Powering a clean energy future #SNS2025





Introduction to Tarchon

Tarchon is an HVDC interconnector project that is being developed by Copenhagen Infrastructure Partners (CIP), a global leader in renewable energy investments, and Volta Partners, who have a minority ownership stake. It will create a direct power link between Germany and Great Britain, connecting the two countries' energy markets and increasing the security and reliability of their electrical systems.



Jonathan Wood Project Director Tarchon



Lindsay Smith Development Director, COP (Development lead for Tarchon)



Kate Bowden Smith CEO, Pier Communications and stakeholder relations



Philip Watkins Director, Eastern Edge Ltd Stakeholder relations

Why do we need interconnectors?

- Interconnectors enable surplus clean energy to be traded and shared between countries and help manage surges in demand in both countries.
- > As the UK deploys more wind power to meet its climate and energy security targets, connections to neighbouring countries will play a vital role in increasing security of supply and helping to reduce prices.
- Balancing rapid changes and demand: Renewable generation is less predictable than traditional thermal generation, which means in future it could prove more challenging for electricity system operators to balance supply and demand. Interconnection helps to smooth out these peaks and troughs by making large amounts of electricity available at the touch of a button.
- Lowering energy bills: When cheaper power is available from neighbouring countries, it can be imported and vice versa, helping to give Britain access to lower-priced electricity. As increased interconnection helps to bring down wholesale prices, consumers could benefit from lower energy bills in the long term. Tarchon, alongside other Window 3 Interconnectors, supports a bill saving of £80bn for UK consumers (Ofgem 2024).
- The Window 3 Interconnectors will drive down curtailment costs saving consumers approximately £19.6bn (Ofgem 2024)













Introduction to Project Tarchon



1.4GW interconnector development project connecting the UK and Germany

Project Location:



Key project facts

apacity	• 1.4GW HVDC subsea interconnector between UK and Germany
ocation	Tarchon: UK (Essex) to Germany (Neiderlangen)
roject partner	 The Project is being jointly developed with Volta Partners ("Volta"), who owns a minority share and Copenhagen Infrastructure Partners (CIP)
echnology	 1.4GW HVDC bipole interconnector 635km of subsea, approx. 20km underground in the UK and ~110km underground in Germany
legulatory pproval	 Public decision on the Initial Project Assessment (IPA) under UK's Cap and Floor regime granted in Nov-24 In Germany, Tarchon is included in the NDP2 prepared by the four German transmission system operators (TSOs), which is approved by BNetzA in Q1 2024 Included in the European Commission Project of Mutual Interest (PMI) list Apr-25 Secretary of State directed Tarchon into the Nationally Significant Infrastructure Project (NSIP) planning regime.
legulatory emuneration egime	 The UK side of the interconnector is supported by a 25-year regulated Cap and Floor regime operated by Ofgem The German side of the interconnector is supported by a Regulatory Asset Base ("RAB") regime
irid capacity	 Connection point in UK in Essex – proposed EACN at Ardleigh A grid connection point has been allocated in Germany for further studies, TenneT grid connection agreement expected in Q2 2025
ïmeline	 Consents to be submitted 2026 COD: 2032

Tarchon Overview





- Grid connection agreement in place with NESO
- Grid connection location provided East Anglia Connection Node (EACN)
- On 7th April 2025 the Secretary of State directed the Tarchon Interconnector Project into the Nationally Significant Infrastructure Project (NSIP) planning regime;
- > Site selection and detailed optioneering studies are on-going
- > EIA Scoping will be submitted in Q2 2025
- > Approximately 640km of subsea cabling required.
- > The offshore route is still being developed and not yet finalised.
- > Engaging key stakeholders
- Onshore Landowner engagement is ongoing and contact is being made for survey access.
- > Offshore Preparing for a marine survey campaign in Q1 2026

Local Opportunities

- Tarchon will create significant economic benefits in the United Kingdom through a variety of supply chain \geq and commercial opportunities.
- Building the project will create many jobs during the multiyear development and construction phases and \geq enable workers to develop skills and expertise in a growing global industry.
- Engagement with the supply chain is underway with the aim to understand available capacity of HVDC components.
 - > To register interest as a supplier please email info@tarchonenergy.net with Supply Chain as the email header to be added to our supplier database
 - Future opportunities will be listed on the Tarchon website (tarchonenergy.net)
- Looking to engage on skills and schools liaison in 2026 the team welcome inputs \geq
- We'll use experience from the wider CIP portfolio to develop initiatives. \geq



TARCHON





Wind farm

TARCHON

UK Project Timeline





Contact details

To join the supply chain mailing list please email: info@tarchonenergy.net

> Use subject title: Supply chain

Web:www.tarchonenergy.netEmail:info@tarchonenergy.netAddress:Freepost TARCHON ENERGYTel:03 303 010079