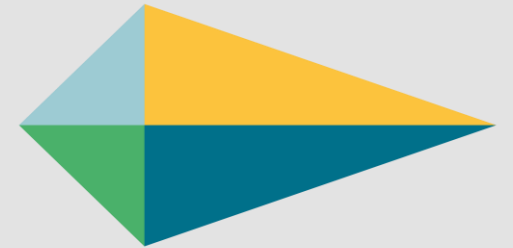


East Suffolk Council Energy Projects Update

The Suffolk Coast Tourism Conference

Thursday 7 March 2024

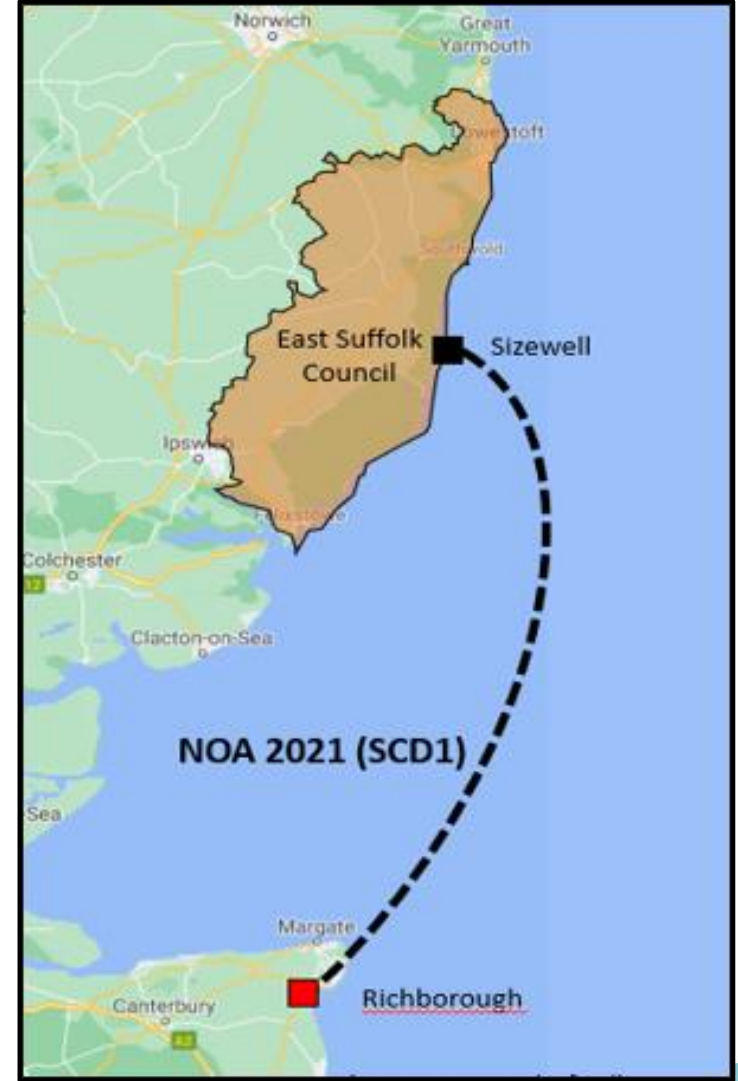


EASTSUFFOLK
COUNCIL

Sea Link

National Grid Electricity Transmission (NGET)

- Sea Link is one of several projects that form part of The Great Grid Upgrade ([The Great Grid Upgrade | Making our electricity fit for the future \(nationalgrid.com\)](https://www.nationalgrid.com/en/energy-projects/the-great-grid-upgrade)). The project is required to reinforce the network between East Anglia and the southeast of England
- 2GW high voltage direct current (HVDC) cable between Suffolk and Kent
- Cables are proposed to make landfall at Aldeburgh
- A converter station is proposed east of Saxmundham town
- Connection to the National Grid is identified at the proposed substation at Friston
- All onshore cables are proposed to be undergrounded.
- An application for development consent is expected Q4 2024

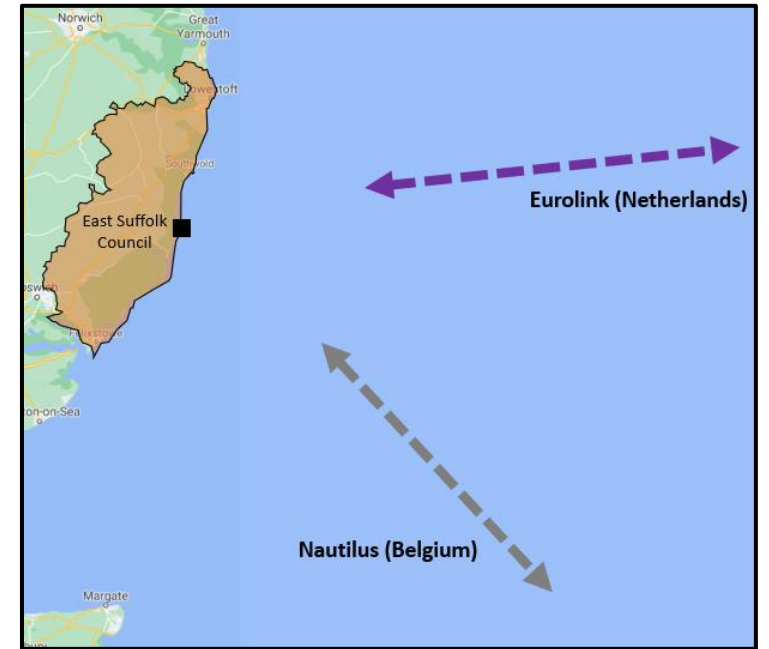


LionLink & Nautilus

National Grid Ventures (NGV)

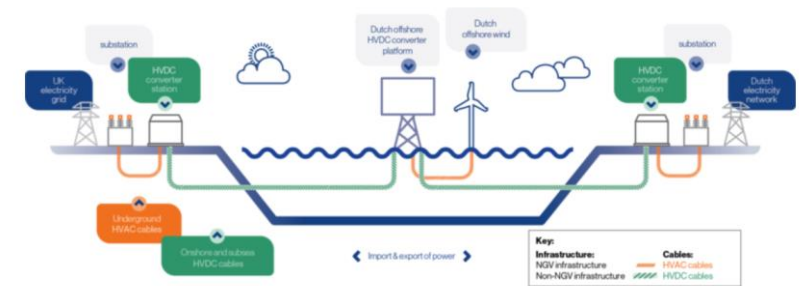
LionLink

- A multi-purpose interconnector - 1.8GW HVDC electricity link connecting Dutch offshore wind to Dutch and British markets via subsea electricity cables
- NGV are still considering their landfall, cable route and converter station options
- Connection to the National Grid is identified at the proposed Friston substation.
- Application for development consent expected Q4 2025



Nautilus

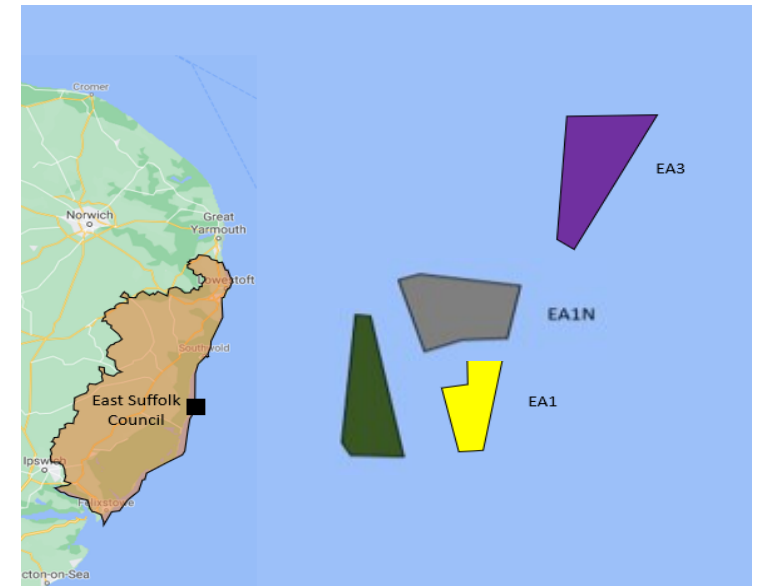
- A multi-purpose interconnector – 1.4GW HVDC electricity link between UK and Belgium
- NGV are exploring the feasibility of an alternative connection at the Isle of Grain instead of at the proposed Friston substation



ScottishPower Renewables

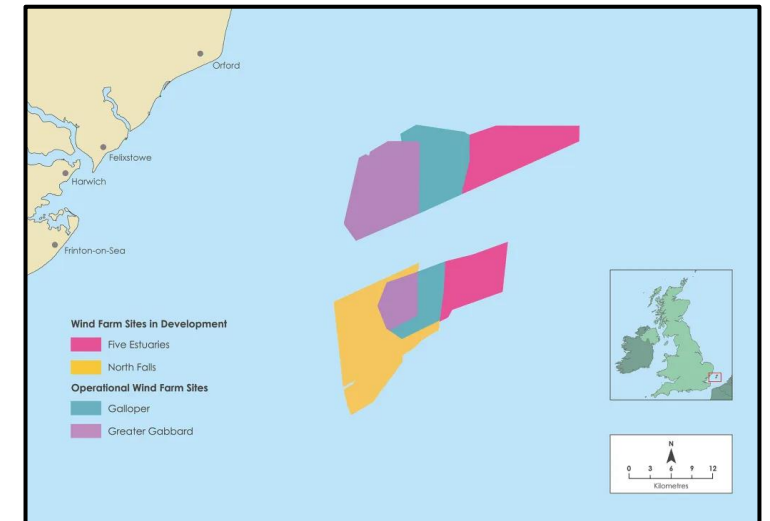
East Anglia ONE North, East Anglia TWO, and East Anglia THREE Offshore Wind Farms

- EA1N – up to 67 wind turbines – up to 800MW (consented 2022)
- EA2 – up to 75 wind turbines – up to 900MW (consented 2022)
- EA3 – up to 100 wind turbines – 1,400MW (consented 2017)
- EA1N, EA2 and EA3 collectively known as the East Anglia Hub
- EA1N and EA2 DCO decisions are currently facing legal challenge
- EA1N and EA2
 - Landfall north of Thorpeness, substations at Friston, connection to the National Grid at Friston via new national grid substation
 - Projects have not yet formally commenced
- EA1 and EA3
 - Landfall at Bawdsey, substation/converter station at Bramford, connection to National Grid at Bramford
 - EA1 operational
 - EA3 construction commenced



Five Estuaries and North Falls Offshore Wind

- Five Estuaries Offshore Wind Farm (Gallop Extension) - 37.5km offshore
- North Falls Offshore Wind Farm (Greater Gabbard Extension) - 22km offshore
- Onshore connections planned for both projects at Lawford in Tendring, Essex
- ESC primarily engaging on the Seascape and Landscape Visual Impacts (SLVIA) anticipated on the Suffolk Coast and Heaths National Landscape (formerly SCHAONB)
- Five Estuaries development consent application expected to be submitted shortly with North Falls submission later in the year



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ESC Website:

- [National infrastructure and energy projects » East Suffolk Council](#)