

# Energy Projects update

## Strategic Planning Committee

5 December 2022

Cllr Craig Rivett

Deputy Leader and Cabinet Member for Economic Development



# Nationally Significant Infrastructure Projects (NSIPs)

Sizewell C – **consented** July 2022, pre-commencement

East Anglia One – **operational**

East Anglia One North - **consented**, pre-commencement - Judicial Review in progress

East Anglia Two - **consented**, pre-commencement - Judicial Review in progress

East Anglia Three – **consented**, pre-commencement

Five Estuaries Offshore Wind Farm (Galloper extension) - **pre-application**

North Falls Offshore Wind Farm (Greater Gabbard extension) - **pre-application**

Nautilus Multipurpose Interconnector - **pre-application**

EuroLink Multipurpose Interconnector - **pre-application**

Sea Link - **pre-application**

\*East Anglia Green – **pre-application**

\*Bramford to Twinstead – **pre application**

\* indicates out of district projects

# Sizewell C

- Development Consent Order granted 20 July 2022
- One Judicial Review launched. Campaigners are seeking an oral hearing after initial assessment by legal authority deemed the application should be rejected
- Government General Investment Decision confirmed 29 November 2022, FID expected late 2023
- Early/enabling works progressed under Town and Country Planning Act applications over summer 2022
  - Badger sett creation, Kenton Hills, consented July
  - Geotechnical ground trials/boreholes, consented July
  - Marsh harrier wetland habitat creation, consented September
- Discharge of Requirements
  - Requirement 3 – Archaeology and Peat. ESC responded to SCC consultation in October 2022 (SCC discharging authority)

# Sizewell B – Pillbox Field Tree Planting Update

- Tree planting associated with Sizewell B relocated facilities project
- Pillbox Field planting conditions typically dry and sandy, results in slow establishment and growth rates
- Phase 1 - Planting commenced in December 2020. Overall, new planting slowly establishing itself. Gorse and broom have been most successful (see figure 1). Woodland species slower to establish, but growing
  - Regular maintenance and monitoring, replacement planting where necessary in accordance with Landscape and Ecology Management Plan. Replacement planting carried out in winter 2021, further replanting winter 2022
- Phase 2 – new woodland and woodland edge planting adjoining existing woodland at eastern edge, infill planting
  - Anticipated implementation winter 2022/3



Figure 1: Gorse and broom planting, phase 1



Figures 2 and 3: Woodland planting, phase 1

# EA1, EA1N, EA2 and EA3

Scottish Power  
Renewables

## **East Anglia One (EA1)**

- Constructed - restoration and snagging works continuing.

## **East Anglia One North and East Anglia Two (EA1N & EA2)**

- SPR are proposing to only undertake non-intrusive walkover surveys for remainder of this year.
- Highway discussions ongoing.
- Judicial Review hearings held 15 – 16 November, awaiting decision

## **East Anglia Three (EA3)**

- Construction of three construction consolidation sites due for completion this year (Papermill Lane, Clappits, Playford Corner).
- Construction works on converter site at Bramford ongoing.
- DCO Requirement discharge documents expected 2023.

# Offshore Wind Farm Extensions

## **Five Estuaries** (Galloper extension)

- Informal public consultation was held (June - Aug 2022) – ESC submitted a response (available on ESC website)
- Formal consultation expected Q1 2023
- DCO submission expected winter 2023

## **North Falls** (Greater Gabbard extension)

- Second round of informal public consultation currently LIVE (17 Oct – 9 Dec 2022) – ESC drafting a response
- Formal consultation expected Q1 2023
- DCO submission expected summer 2023

# Sea Link

National Grid  
Electricity  
Transmission  
(NGET)

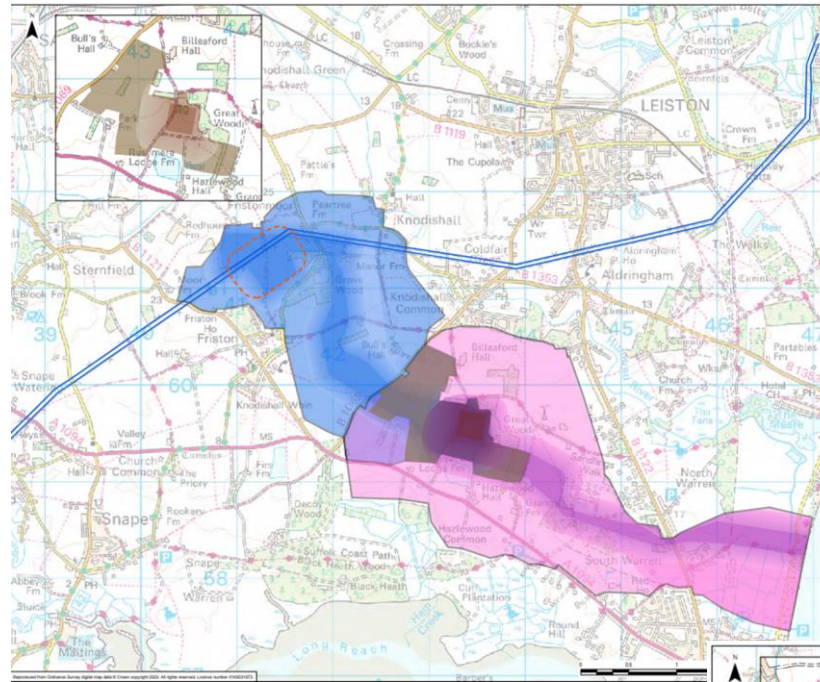
## Sea Link

- Offshore high voltage direct current (HVDC) link between Suffolk and Kent
- Network reinforcement considered necessary by NGET to ensure that electricity continues to flow securely and reliably around the UK network
- Non-statutory public consultation - 24 October – 18 December 2022
  - Consulting on preferred and alternative siting and routeing options
  - Connection to the grid at proposed Friston substation via extension or new substation (if substation does not come forward under EA1N & EA2)
- ESC Responded to Sea Link Scoping Report
- ESC held meetings with town and parish councils 28 November 2022 on Sea Link and EuroLink proposals
- Sea Link timeline
  - 2023 Statutory consultation
  - 2024 DCO submission
  - 2025 DCO decision
  - 2026-2030 Construction

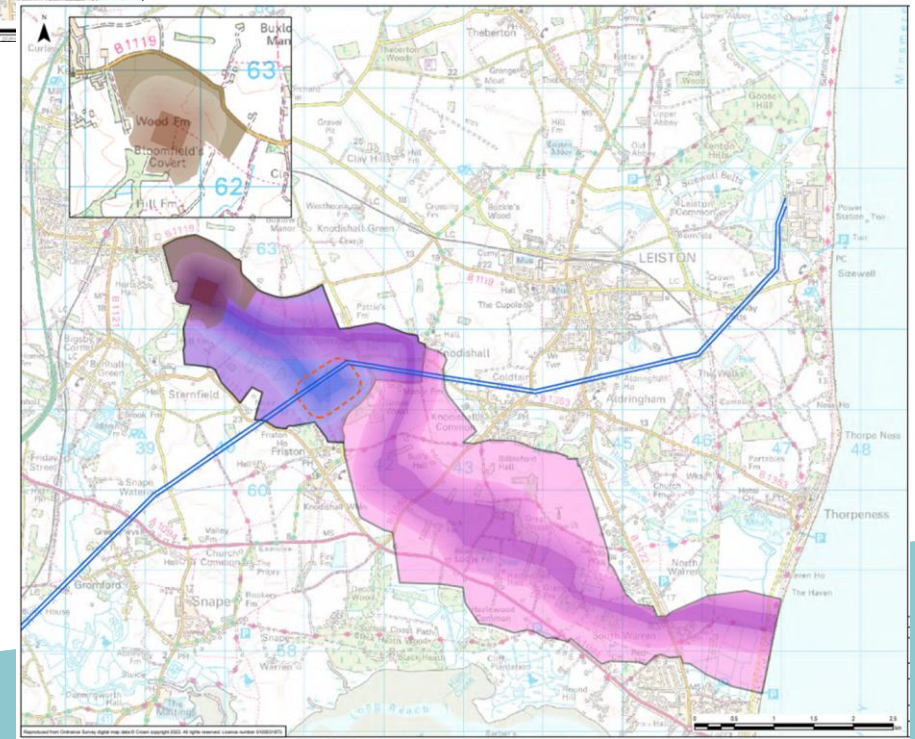


# Sea Link Preferred Siting and Routeing Options

Preferred options  
include the ability  
to coordinate with  
Eurolink and  
Nautilus



Preferred Site 1



Preferred Site 3



# Nautilus and Euro Link Interconnectors

National Grid Ventures  
(NGV)

## Euro Link

- Proposed subsea interconnector cable between Great Britain and Netherlands, up to 2GW HVDC electricity link.
- Non-statutory public consultation - 24 October – 18 December 2022.
- Webinar being held 7 December 10:00 – 11:30 (register for event through project website - [EuroLink | National Grid Group](#))
- ESC held meetings with town and parish councils 28 November 2022 on Sea Link and EuroLink proposals

## Nautilus

- Proposed subsea interconnector cable between Great Britain and Belgium, new 1.4GW HVDC electricity link
- NGV exploring potential connection at the Isle of Grain – feasibility of this option is not yet known.

# EuroLink Siting and Routeing Options

## Onshore siting and routeing options

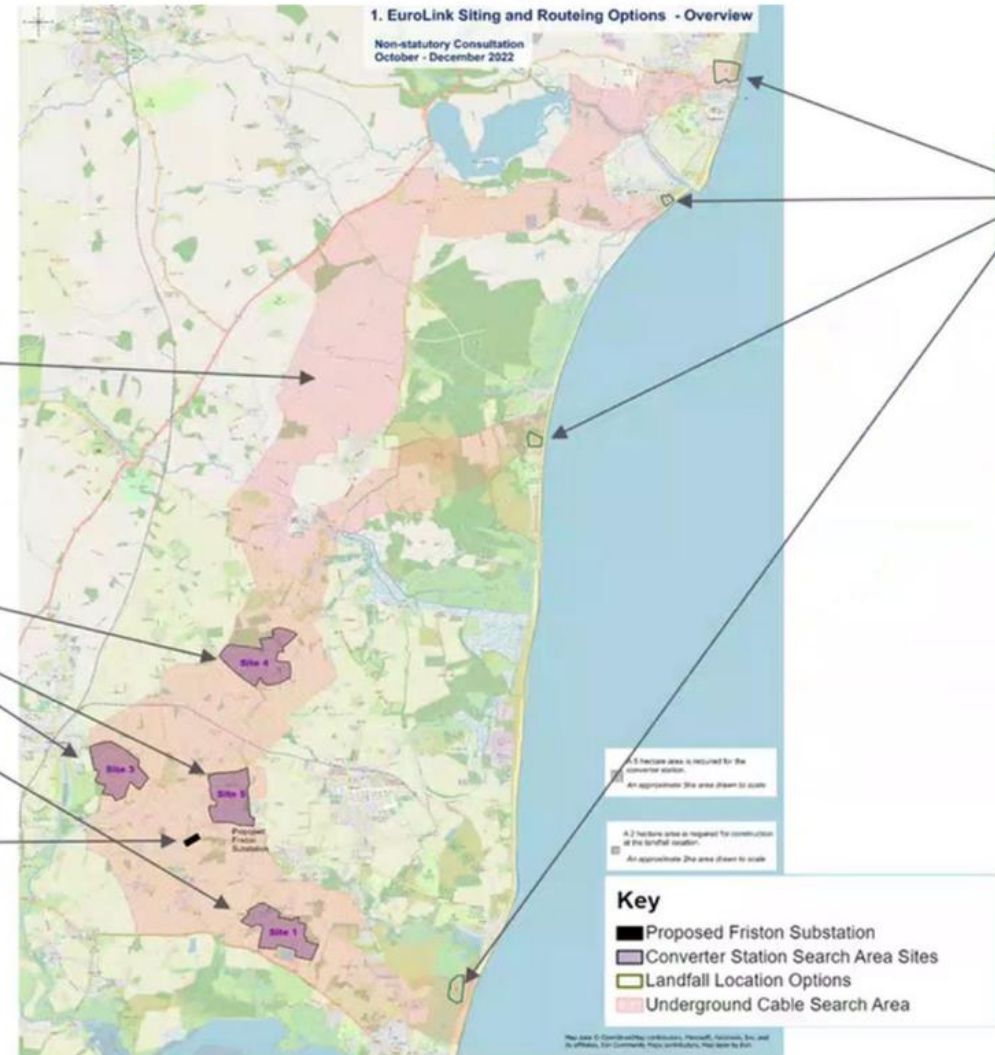
Underground  
cable search  
area

4 converter  
station search  
area options

Proposed  
Friston  
substation

4 landfall  
options

National Grid EuroLink | October 2022



# National Grid Network Reinforcements – out of district

## **Bramford to Twinstead**

- Network reinforcement from between Bramford in Suffolk and Twinstead Tee in Essex
- Targeted consultation held September-October 2022
  - ESC responded

## **East Anglia GREEN**

- New network reinforcement between Norwich, Bramford, and Tilbury - <18km of overhead line, c.11km of underground cable
- No network reinforcements in project proposed in ESC district
- Non-statutory consultation held April-June 2022, ESC responded (available on ESC website)
- ESC responded to Scoping Report, 5 December 2022

End of Update

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