TRANSMISSION INVESTMENT

Introduction to the LirIC Interconnector Project

LirIC Interconnector

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January 2026

SUPPORTIVE EXCELLENT CHALLENGING COMMITTED

Who

LirIC Interconnector

As a business, we:

Manage 4.9GW of offshore networks...

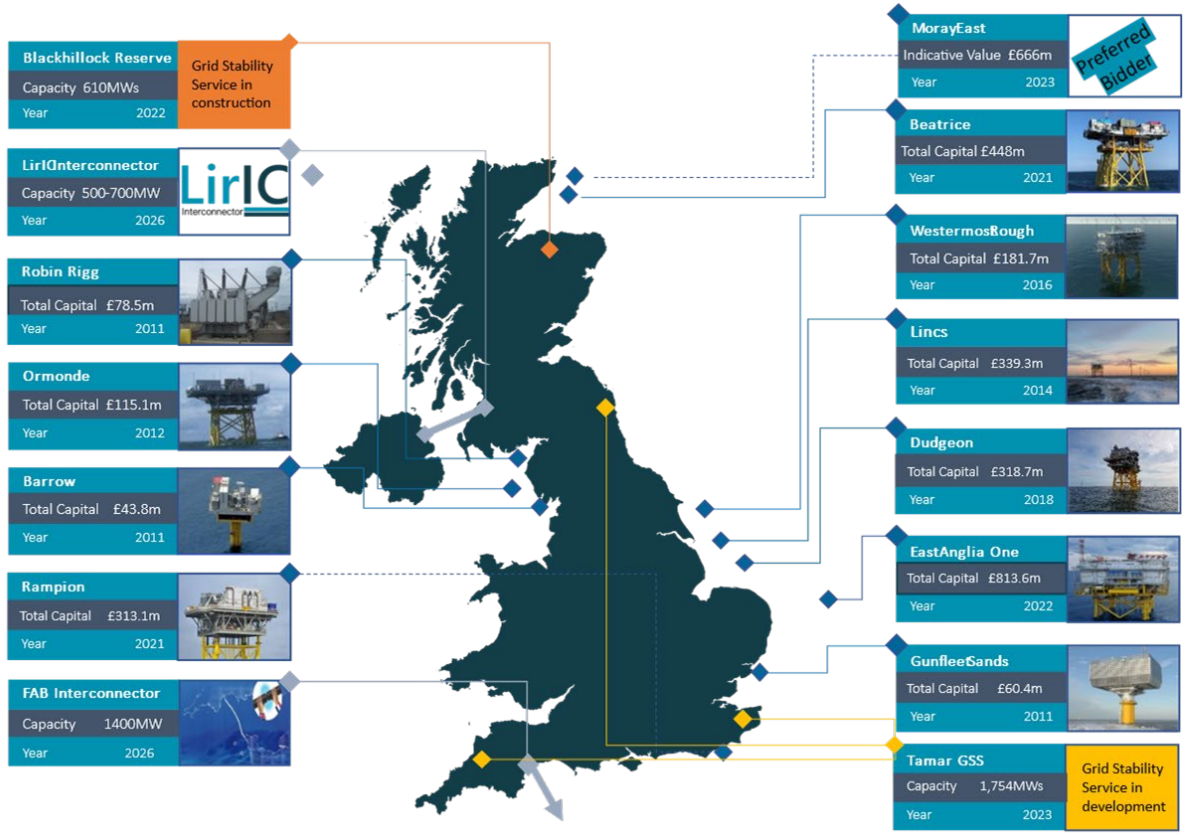
The most experienced and largest independent asset management team in the GB offshore transmission sector.

...Worth £3.8 billion

Experience in development, investment, execution and management of large scale and complex utility infrastructure projects and a detailed understanding of electricity networks.

...Built over 10+ years

A history of developing stable and lasting partnerships with investors and industry.



Transmission Investment is a leading independent energy and utility investment and advisory business with ten years of history in developing, acquiring and managing electricity transmission infrastructure assets

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Why

Maximising renewable generation from Scotland & Northern Ireland...

To enable the transition.

Strengthening security of supply for UK citizens...

By supporting the diversification of electricity supply from connected.

Lowering CO2 emission across the UK...

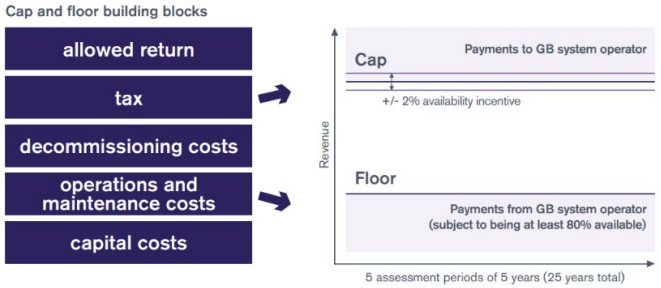
By supporting the delivery of cheap, green energy to consumers.

Requiring no Government financing...

As a privately financed development.

'Interconnectors are technically proven and commercially available and can provide solutions today'

- The UK Government has committed to realise at least 18GW of interconnector capacity by 2030, with just under 10GW is operational to date.
- The UK Department for Energy Security and Net Zero (DESNZ) and Scottish Government are both supportive of the Development. The Applicant has engaged with the Department for the Economy (DfE) in NI, as they have progressed their update to the Energy Strategy, and progression of the Development is being supported by the Utility Regulator and SONI in NI.
- The LirIC Project is confirmed in the list of projects submitted in the TYNDP2020 by ENTSO-E (project number 1040) and is included within the 2022 and 2024 version of the TYNDP.
- Under section 6A (5) of the Electricity Act 1989, Ofgem has issued the Applicant with an Electricity Interconnector Licence (July 2021).
- Excess wind generation can be shared between markets avoiding significant curtailment of wind generation across GB, NI and the Republic of Ireland (RoI).
- The LirIC Project has been granted an "in principle" cap and floor regime by the UK regulator, Ofgem (November 2024)



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What

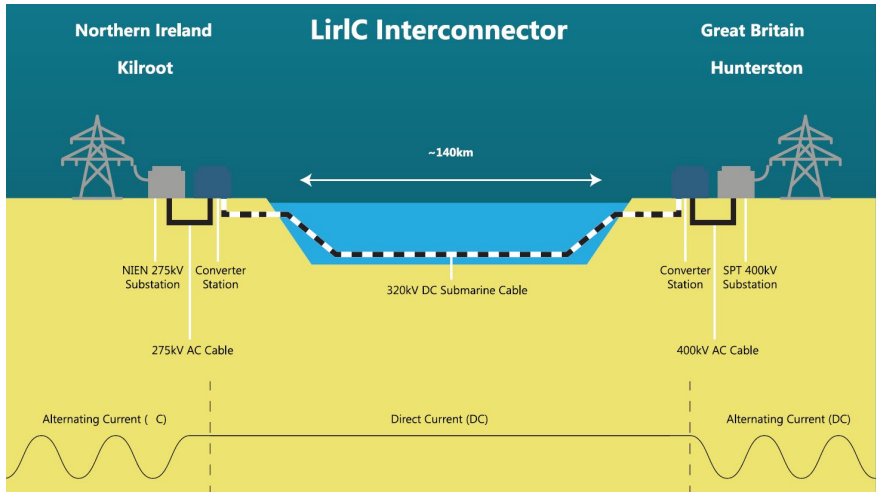
LirIC Interconnector

700MW Electrical Interconnector between Hunterston (Scotland) and Kilroot (Northern Ireland)

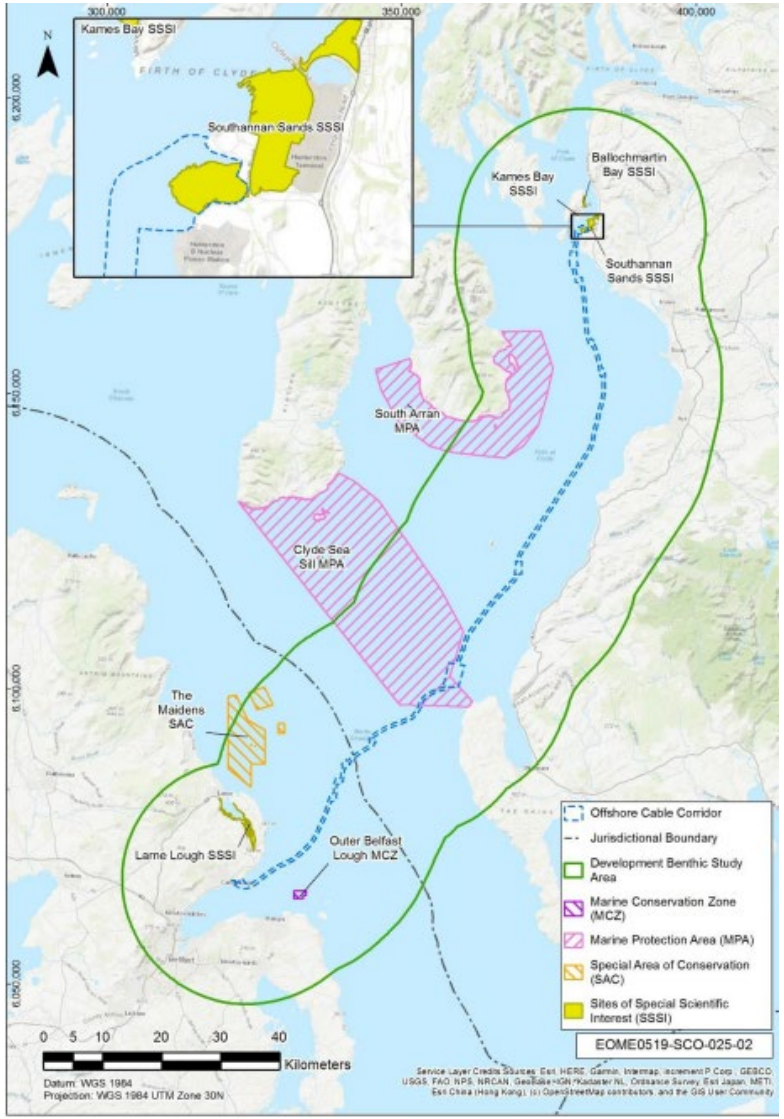
Connecting Countries

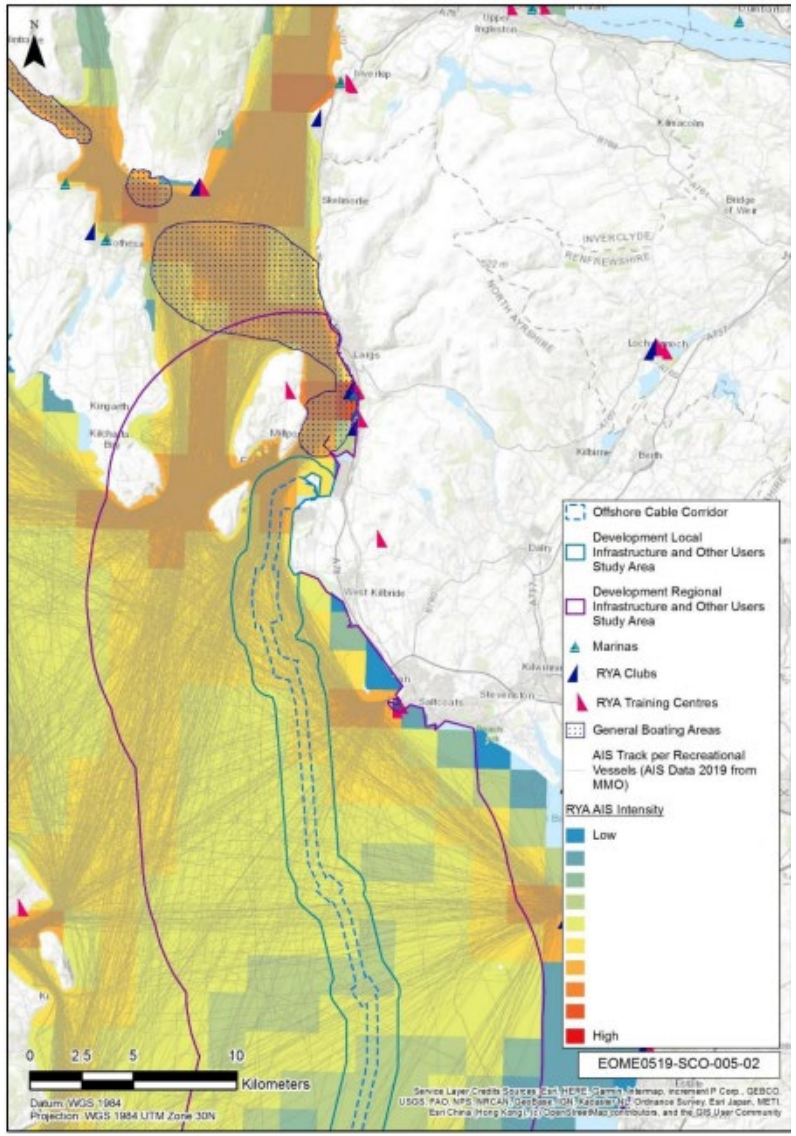
Scotland to Northern Ireland

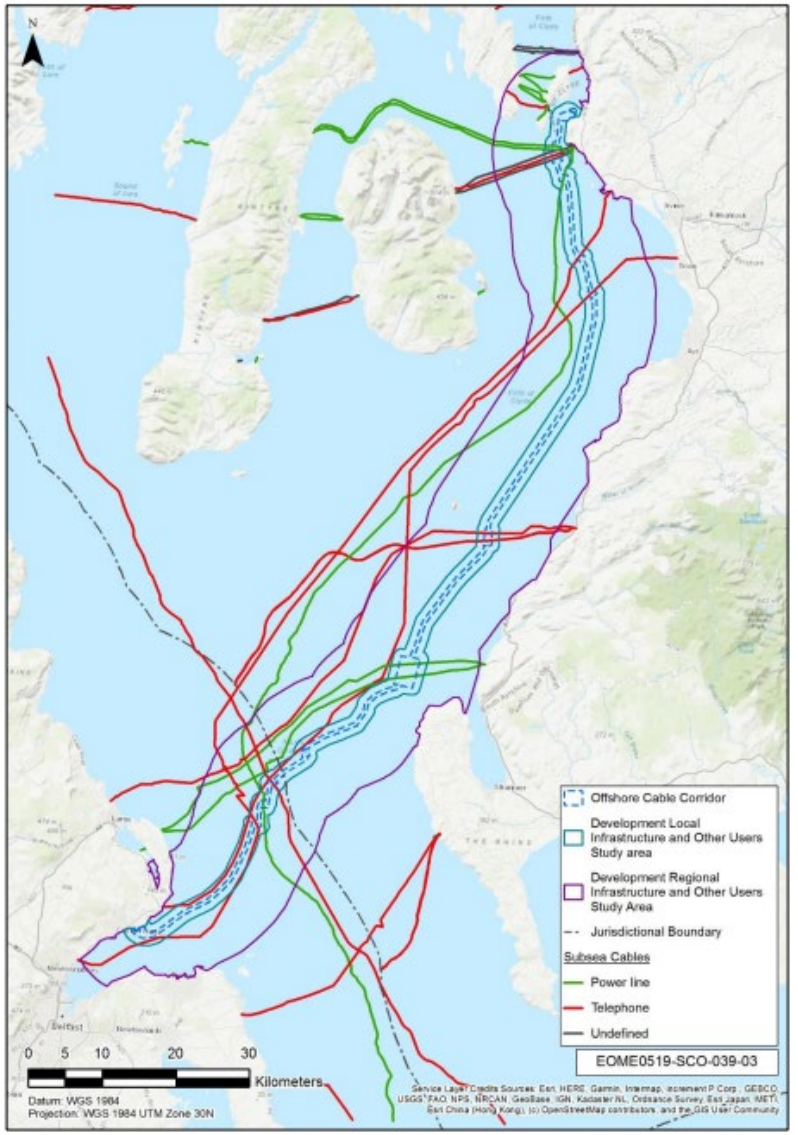
Cross Border Capacity (MW)	Expected Capital Cost (€M)	N. of Converter Stations
700	TBC	2
Number of HVDC Cables	**Voltage HVDC Cables (kV)**	**Route Length (km)**
2	320	142
Grid Connection Point	**Grid Connection Point**	**Commissioning Year**
Hunterston	Kilroot	2032



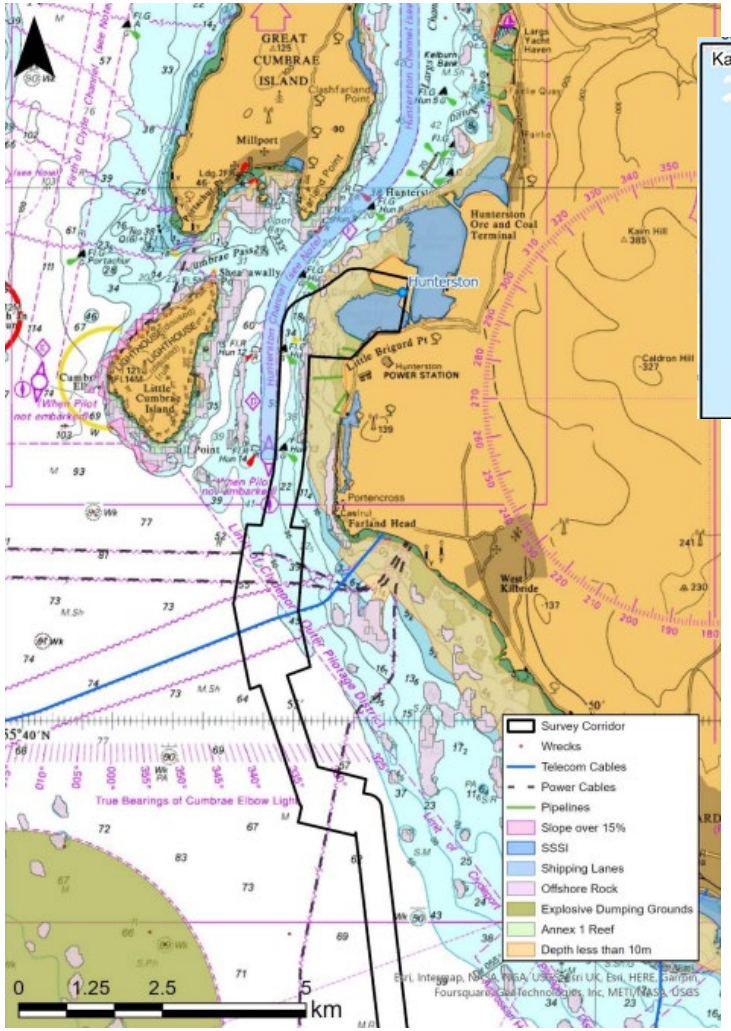
Where – Offshore Cable Route Selection & Constraints

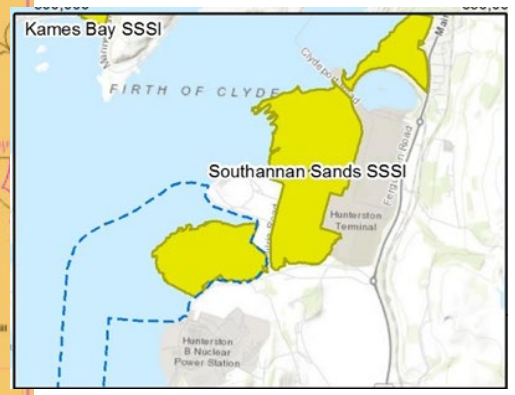


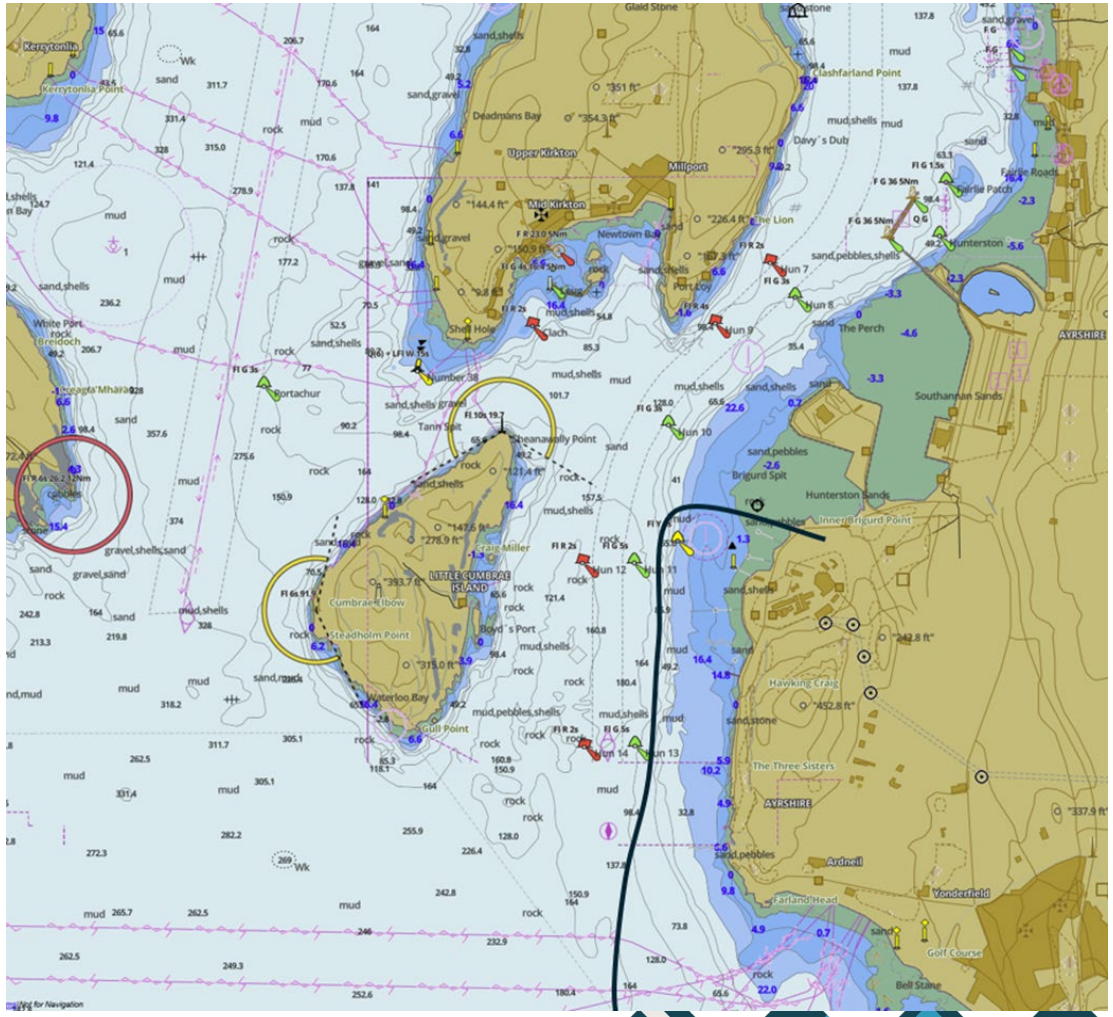




Where – Nearshore Cable Route Selection & Constraints







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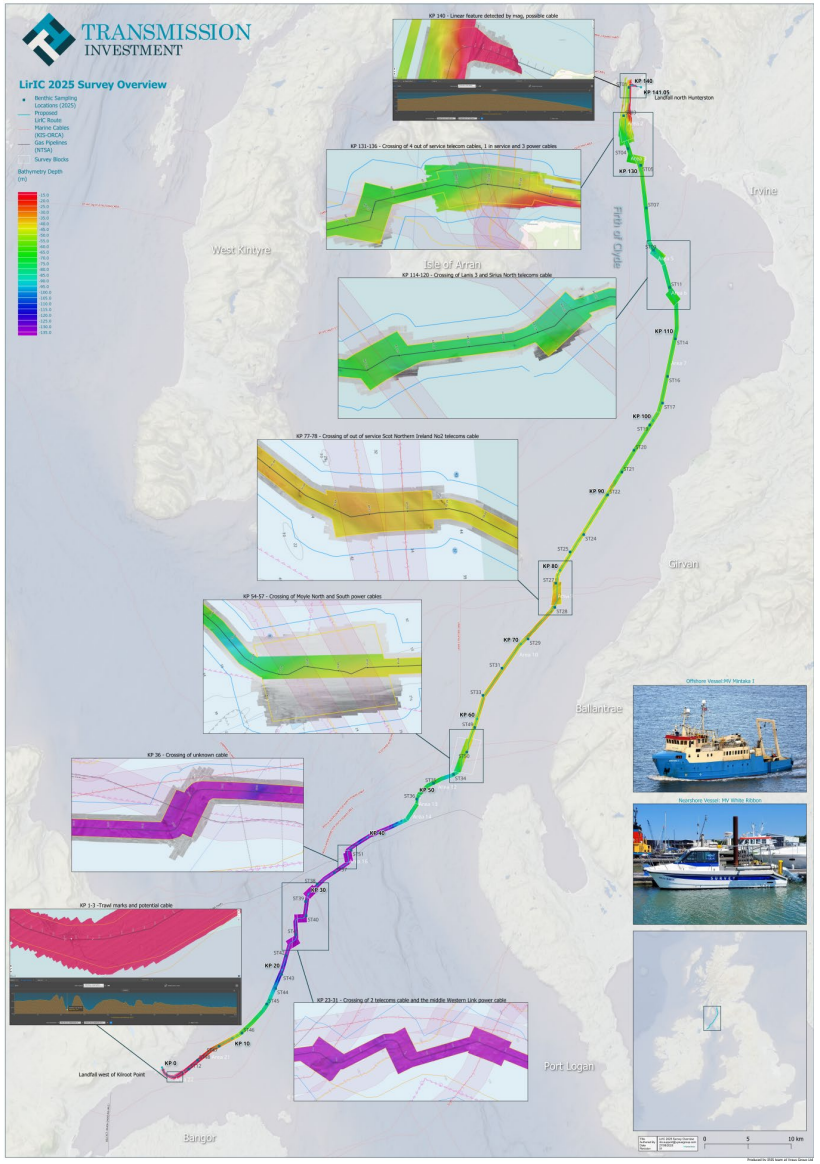
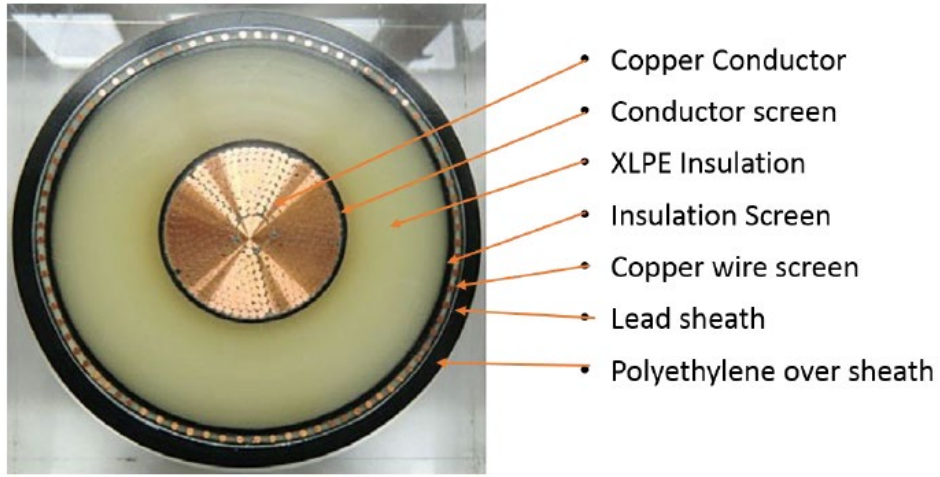
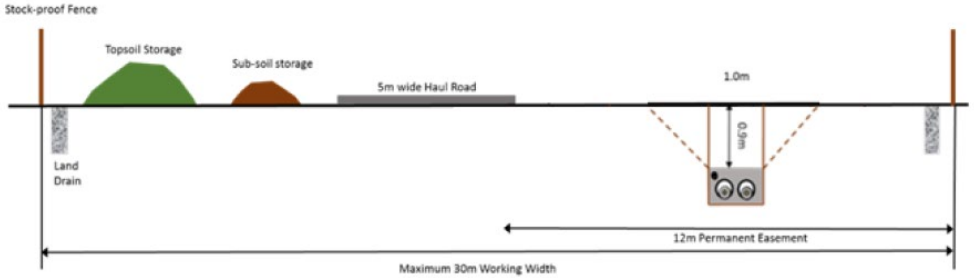
Offshore Cable Route – Survey and Optimisation of Route



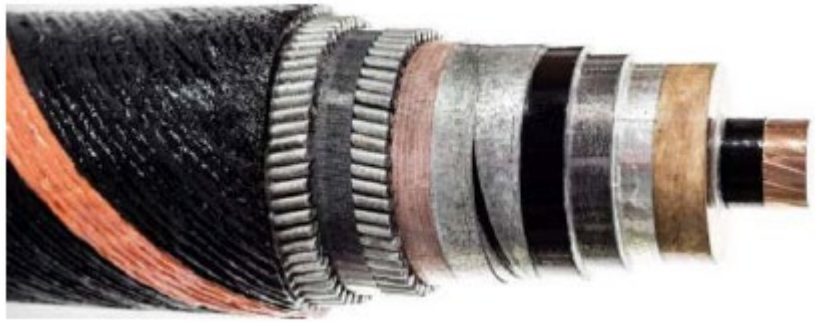
What – Onshore & Offshore Cables

Typical HVDC/HVAC onshore cable cross section



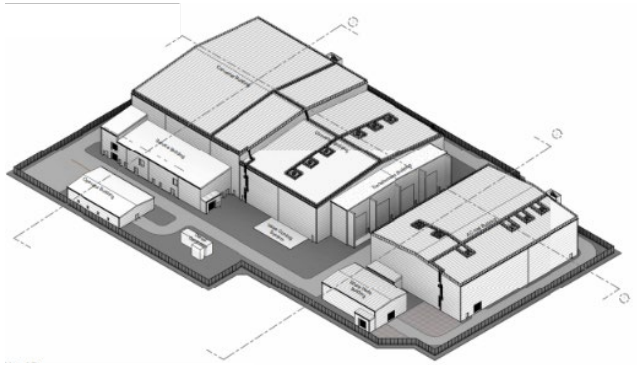


Typical XLPE submarine cable

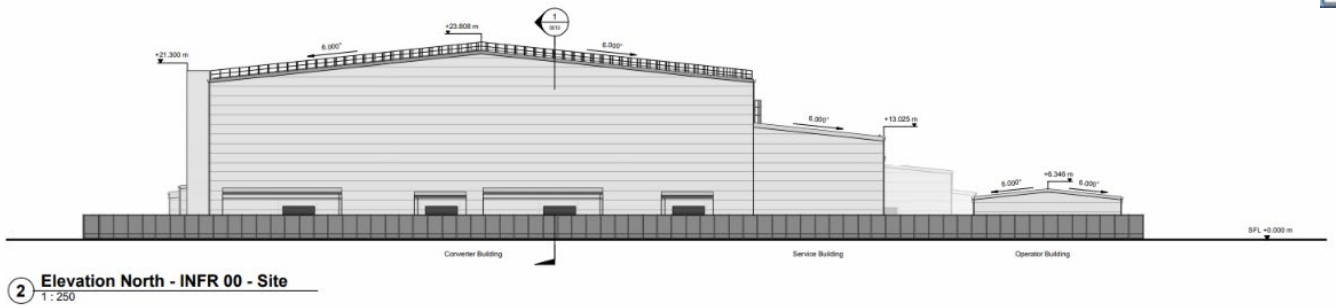


Approx. diameter of these cables will be in the range of 100 to 130mm.

What – Onshore Converter Station



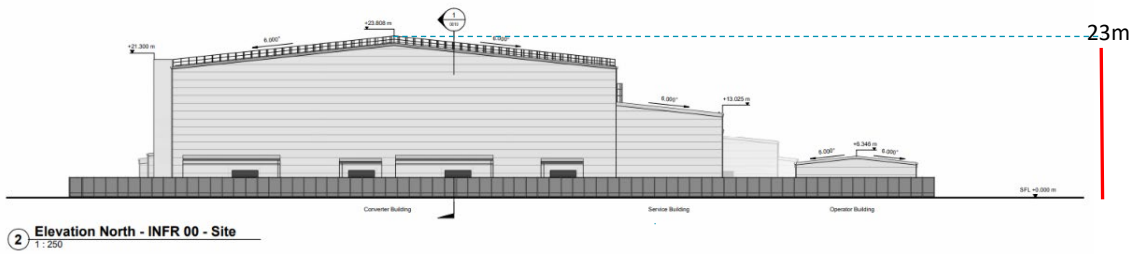
Max design envelope L 240m x W 120m, 29,240m2 (2.9ha), max roof height of 23.8m



Onshore Scoping Boundary

Indicative – subject to detailed design

Comparative heights (approx.)



2 Elevation North - INFR 00 - Site
1 : 250

Hunterston B Reactor Building 66.5m

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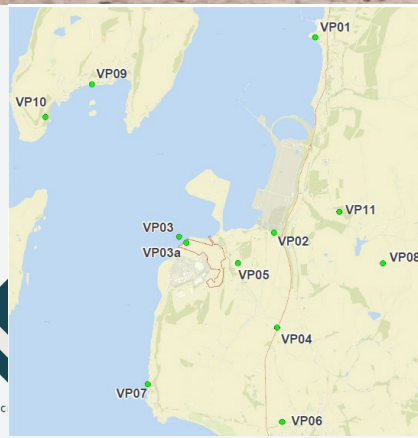
Where – Onshore Converter Station (View from Millport, 4,180m to site) – VP10

LirIC Interconnector

Approx. wireline location of max design envelope in dotted lines – excluding any landscaping and building colour choice to blend into landscape.



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Where – Onshore Converter Station (View from West Bay Road, Millport, 4,175m to site) – VP09

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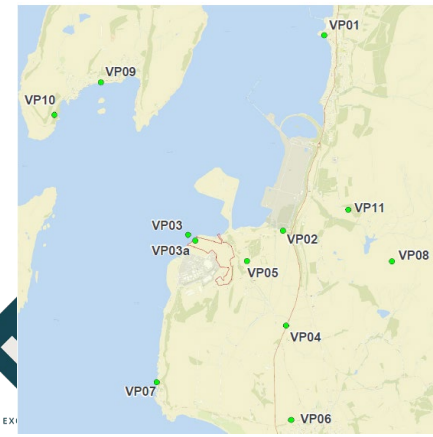
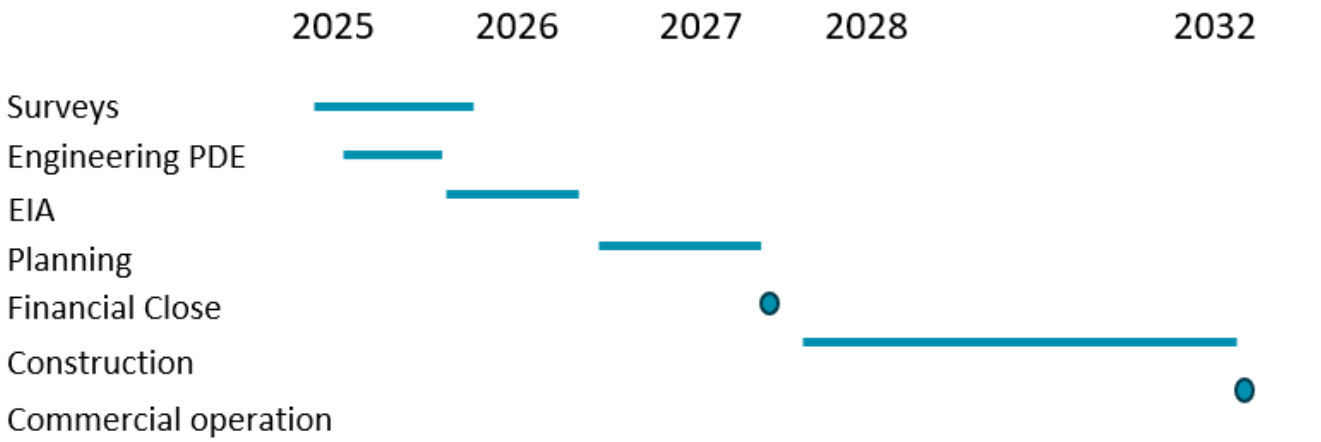
Approx. wireline location of max design envelope in dotted lines – excluding any landscaping and building colour choice to blend into landscape.



When

Project Timescales



Indicative – subject to change

Development of an interconnector in an environmentally sensitive manner that is compliant with legislation.

- Planning Application – Scotland
- Marine Licence Application – Scottish Waters
- Marine Licence Application – Northern Irish Waters
- Planning Application – Northern Ireland
- Voluntary Environmental Impact Assessment

Questions & Thank you

Strengthens security of supply, by diversifying of electricity from connected markets

Enables the **maximization of renewable generation** to support the energy transition

Lowering carbon emissions by supporting the delivery of cheap, green energy

Supporting a transition to Net Zero at **best value for the consumer**

Community benefit scheme designed to give back to those directly affected by the project

Construction and operation will introduce new jobs, helping **support specialist skills and capability development**

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