Community NEWSLETTER

ISSUE 4 | APRIL 2023 - IRELAND

Greenlink INTERCONNECTOR

Installation of cable ducts progressing well

IN THIS ISSUE...

Welcome to issue 4 of the Greenlink community newsletter. As our project to connect the electricity grids of Ireland and Great Britain progresses, we want to keep you updated on the works taking place in your area.

Greenlink is one of Europe's most important energy projects and involves installing around 190km of subsea and underground cables between the Great Island substation in County Wexford and Pembroke substation in Wales. The development is already bringing jobs and economic benefits to Wexford and, at this time of uncertainty in global energy markets, can support the journey to a more secure, sustainable and affordable energy supply for consumers.

Work on the project is progressing well. Read inside for the latest news on Greenlink's activities in your area.

Staying in touch - 24 hour contact

24 HOURS

For general queries in relation to cable-laying works, please contact our installation contractor **GMC on 1800 987 654**. For urgent issues, there is also a special 24-hour phone line: **0818 462 100**.

The Greenlink team is also keen to hear your feedback on the project. We meet monthly with local community representatives and are available by email and phone - see page 4 for details. Check out the FAQs on our website too at **www.greenlink.ie.**

JOBS

250

Around 250 jobs being created in Ireland during project construction

LOCAL

Contracts awarded to local and regional firms

114

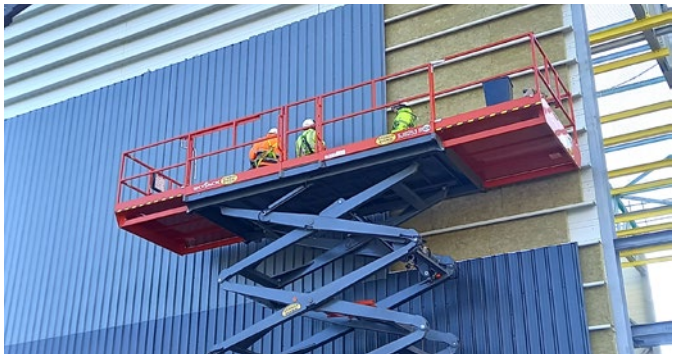
114 people from Wexford area employed on the project as at Feb 2023

24

24 women working on the construction element of the project across ireland and Wales

Converter station takes shape

All enabling works at the converter station site at Great Island are now complete and the large concrete foundations have been poured. Siemens Energy, part of the construction consortium, have now begun to erect the steel frames and cladding for the main building, which should take two months, after which installation of building services and then the high voltage equipment will begin. The converter station is still on schedule for commissioning and testing in the second half of 2024.



A sustainable approach to construction

Preparing the converter station site involved extensive civil engineering to cut through bedrock and create a level base for the various buildings and equipment. With our carbon footprint in mind, Greenlink aimed to re-use all materials on site to create the base and landscaping mounds, thus avoiding waste and minimising vehicle movements to and from the site.

SINCE JANUARY 2022:

100K

100,000 cubic meters of excavated material **re-used**

850

approx**. 850 tonnes** of CO2 from transport **emissions avoided**

Supporting local initiatives

Greenlink has a policy of using local supply chain businesses and contractors wherever possible. We also continue to support local community projects and charities.

Recently Greenlink and our construction consortium Siemens Energy and Sumitomo Electric donated €6,750 to Hooked on Swimming's 12 Swims of Christmas fundraiser for Fethard RNLI, which in total raised over €15,000.

We were also pleased to support the St Louis Day Care Centre in Ramsgrange with a donation of €12,450 to undertake work on their 10 social houses at Ban Aiteann.

In March the Greenlink team visited Scoil Mhuire, Horeswood to talk to pupils as part of our educational outreach. We had some great questions on energy and interconnectors. We look forward to the school's green committee visiting our converter station site in April.

The new car park at Baginbun Beach is proving a valuable local facility for the public. In discussion with Wexford County Council, the works we are funding on new street lights and footpaths in Ramsgrange will be undertaken next year to coordinate with works at Ramsgrange Community School under the Safe Routes to School Programme.

JANUARY 2022 — Work starts on converter station site at Great Island

SPRING 2022 — Underground cable pre-construction surveys begin (onshore)

SEPTEMBER 2022 — Rollout of underground cabling begins

MARCH 2024 — Underground onshore cabling completes

Onshore cabling works update

Since September we have installed 11km of the 19.5km of cable ducting required in the public roads between the marine landfall at Baginbun Beach and the converter station at Great Island. We have also commenced installation of cable joint bays and we will shortly begin the pulling and jointing of the underground cables.

For safety reasons we have switched to full road closures along sections of the route, rather than working in a single lane with passing traffic. While this had initially allowed us to keep roads open, we felt that it posed a hazard to our workers, drivers and the public. The change now also means that work will be carried out more efficiently and more quickly. We've also added an additional works crew to speed up installation.

Maintaining high safety standards and minimising disruption to local residents and businesses have remained key priorities for us. In Ramsgrange, we timed activity to coincide with the October mid-term break to avoid school traffic and we split the works at the request of local businesses. The cable ducting is now complete in the village and work to install joint bays will begin soon.

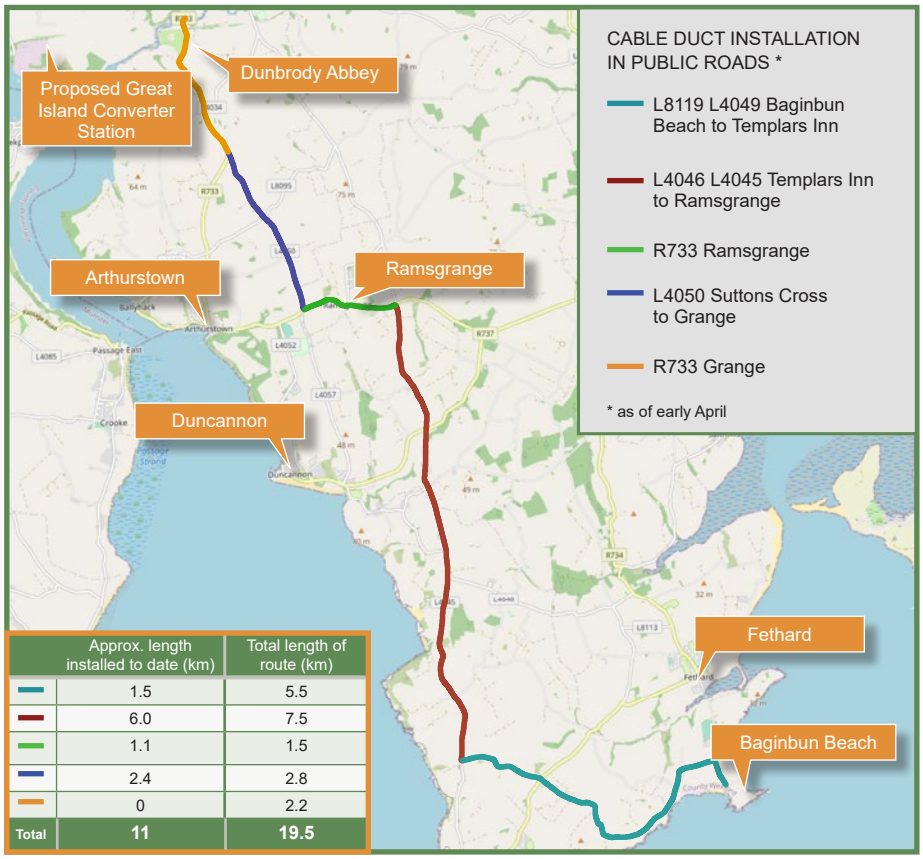
In Ramsgrange we have deliberately positioned these off the road to minimise disruption during cable pulling and jointing.

We have endeavoured to keep roads open at weekends. During the next phase of works this will not always be possible due to the nature of the cable jointing activity. Traffic management measures will continue to be carefully considered in consultation with Wexford County Council.

Please be assured that local access to property, land and businesses will always be maintained and roads will be reinstated in accordance with license conditions from Wexford County Council.

The full roads programme is now set for completion in early 2024, slightly later than planned, with a few minor activities continuing until June 2024. A number of factors have caused this delay, including cold weather and difficult ground conditions. Works on the public roads will cease completely during the peak summer months of July and August. Installation of cable ducting is almost complete in certain areas (see map of route below). Beginning in June, cables will be pulled through the finished ducts leaving sections of the route complete, barring final road reinstatement.

Again, we would like to thank you for your understanding and cooperation during the works.



	Approx. length installed to date (km)	Total length of route (km)
	1.5	5.5
	6.0	7.5
	1.1	1.5
	2.4	2.8
	0	2.2
Total	11	19.5

CONSTRUCTION TIMELINE

All dates are approximate at this stage. Our construction schedule will be regularly updated and made available on our website as well as in future communications, including the next edition of our project newsletter.

- **SPRING 2024** — Installation of Irish section of offshore cables begins
- **SUMMER 2024** — System testing commences
- **BY END OF 2024** — Trial operation and final commissioning of interconnector

Local Contacts

Our local representative is available to answer any questions you might have:

JOHN DALY
Community Liaison Officer

john.daly@greenlink.ie

087 743 3486

For further information specific to the onshore cable installation works only, please contact:

- 1800 987 654 (office hours - general enquiries)
- 0818 462 100 (24 hour phone line - urgent issues)
- customerservice@gmcirl.com

You can also contact us in the following ways:

General enquiries email:
info@greenlink.ie

Via our website:
www.greenlink.ie

By post:
Greenlink Interconnector Ltd
Unit 3, 4075 Kingswood Road
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SUMITOMO ELECTRIC SIEMENS energy Greenlink INTERCONNECTOR

Work starts at Baginbun Beach

Installation of the cable ducts at Baginbun Beach, which is the landfall site for the marine section of the interconnector, commenced in March and will be completed by June.

The work has been timed for outside the main tourist season and designed to minimise environmental impacts. Using an engineering method called Horizontal Directional Drilling (HDD), the ducts will be installed from a compound in the field directly west of Baginbun Beach, travel beneath the cliff edge and beach and emerge approximately 800m out from the low tide mark (what we call the “punch out”). To protect the local environment and beach users, no construction activity will take place on the beach.

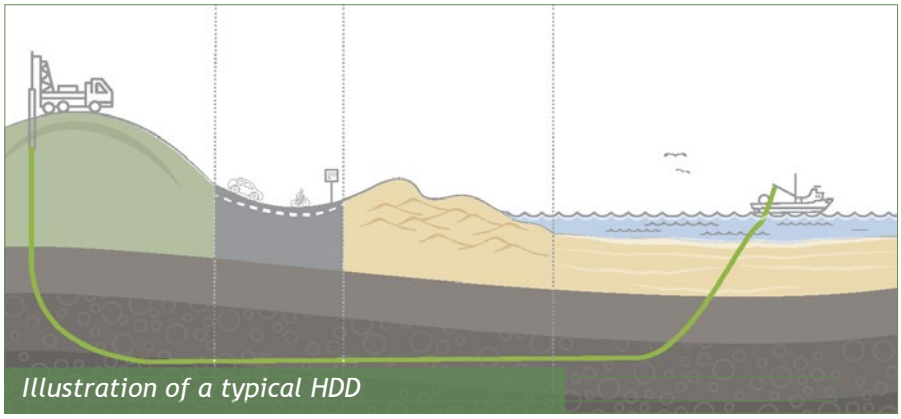

Illustration of a typical HDD

The drilling process uses multiple 9m long drilling rod sections to drive the drill head, which is lubricated by a biodegradable clay and water mix. It is possible, due to the nature of drilling and the presence of natural fractures in the bedrock, that minor amounts of the clay and water mix will reach the surface along the route and particularly where the drill emerges out at sea, but this will be dispersed naturally by the action of the tides and does not present a risk to marine life.

When the drilling is complete, two ducts will be pushed through from land to sea and in Spring next year the submarine cables will be pulled through the ducts from sea to land. A dedicated Fisheries Liaison Officer, Nigel Proctor, is available to answer any queries from marine stakeholders: 0044 7702 730891 or n.proctor@precisionmarine.co.uk

Project Benefits

380,000
Potential to power 380,000 homes*

Investment
€500m/£420m of private capital investment for Ireland and Wales

Energy
Supports the growth and integration of low carbon energy

Security
Enhances the security of supply for electricity consumers

Value for Money
Downward pressure on electricity bills

Jobs
Jobs and knock-on economic benefits during construction

*Figure for number of homes is based on typical annual Irish household use of 4,200 kWh (CER, Review of Typical Consumption Figures - Decision Paper 12 March 2017 (CER17042) and estimated total flows from UK to SEM of 1,600,000 MWh/yr.