



Le réseau  
de transport  
d'électricité



The current. The future.

# Celtic Interconnector

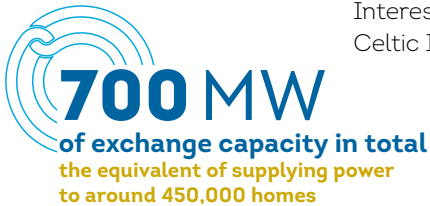
Connecting the electricity  
grids of Ireland and France



Co-financed by the Connecting Europe  
Facility of the European Union

# Celtic Interconnector

## Connecting the electricity grids of Ireland and France



The Celtic Interconnector project aims to create an electrical interconnection between Ireland and France to allow the exchange of electricity between the two countries. It is being developed by EirGrid, the electricity transmission system operator in Ireland and its French counterpart, Réseau de Transport d'Électricité.

The connection will link the existing electricity substation located in Knockraha (in East Cork, Ireland) to the substation in La Martyre (Finistère). Recognised as a Project of Common Interest (PCI) by the European Union, the Celtic Interconnector project responds

to European challenges regarding energy transition and addresses climate change by facilitating progress towards a low-carbon electricity mix. It will contribute to a more secure and a more sustainable electricity supply and will place downward pressure on electricity prices.

## The benefits of the project



### To facilitate the movement of electricity flows on a European scale

By facilitating electricity flows throughout Ireland, France and continental Europe, the Celtic Interconnector will enable European consumers to benefit from a more open electricity market.



### To strengthen the security of supply between countries

The Celtic Interconnector will strengthen the security of electricity supply between the two countries enabling them to rely on one another in the case of unexpected events and interruptions to supply (technical incidents, spikes in consumption...).



### To support the development of a more sustainable electricity mix in Ireland and France

The Celtic Interconnector will contribute to the European objectives of a low-carbon energy future, facilitating increased levels of renewables being integrated into the European electricity system. On a wider level, the project is part of plans for a European wide electricity network and will enable Ireland to benefit directly from the integrated European electricity market.

# A subsea electricity link across the Celtic Sea

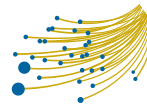
The Celtic Interconnector consists of a proposed 575 km long high voltage direct current (HVDC) connection between the electrical networks of Ireland (East Cork) and France (Brittany).



## 1 Connection to the Irish electricity network

The interconnector will be connected to the 220kV electrical substation in Knockraha, located in East Cork, Ireland. Onshore infrastructure associated with the interconnector will include a 220kV alternating current (AC) underground connection between the existing Knockraha substation and a new converter station and an underground direct current (DC) connection between the converter station and a landfall point on the Irish coast, where it will meet the subsea connection. The 30 to 40 km long underground connections would be primarily installed beneath the existing road network.

### Did you know?

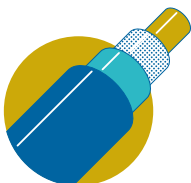


An additional benefit of the Celtic Interconnector will be the provision of a direct telecommunications link between Ireland and France (and continental Europe).

## 2 The subsea connection

Approximately 500 km long, the subsea connection will link the coast of Cork and the Ceinture Dorée (Gold Belt) coast in Brittany, passing to the west of the Isles of Scilly. Preliminary studies and detailed physical marine surveys have enabled the identification of a preferred route for the cable which avoids the most challenging areas and consequently minimises the environmental impact and any disruption to maritime users. The electrical cable will be either buried beneath the seabed or laid on the seabed and covered for protection.

### Did you know?



The subsea cable will not be visible at the landfall point. The underground cable will connect to the subsea cable by way of an underground transition joint and the landfall point will be fully re-instated following the completion of the works.

## 3 Connection to the French electricity network

The subsea cable from Ireland and the underground cable in France will meet on the east Ceinture Dorée coast. Onshore infrastructure associated with the interconnector will include an underground direct current connection between the French coast and the converter station and a 400kV alternating current underground connection to the La Martyre substation. The length of the underground connections will be approximately 40 km.

## Environmental considerations

EirGrid and Réseau de Transport d'Électricité are committed to protecting and respecting communities and the environment affected by the interconnector in each country. They are also committed to preserving the natural environment and have appointed specialist firms to carry out specific environmental analyses, including ecological assessments, for the future connection and the converter stations. EirGrid and Réseau de Transport d'Électricité are working with local stakeholders and associations to carry out these environmental studies which will provide clarification on the project and assist with the development of a specific route while protecting the flora and fauna and any areas of environmental concern. The environmental studies carried out will inform an Environmental Impact Assessment of the project. Measures will be taken to avoid, prevent, reduce, and if possible offset significant adverse effects on the environment. Potential impacts in both terrestrial and marine environments include habitat loss and/or deterioration, water pollution, instream works, and disturbance or displacement of protected species. Mitigation options potentially include timing of works (e.g. to avoid sensitive seasons) sequencing of works (e.g. to implement mitigation first), and use of sensitive construction practices. In both terrestrial and marine environments, monitoring of construction will inform adaptive management of mitigation (e.g. to resolve mitigation conflicts, or to avail of new technologies).

2

3

MORLAIX

4

La Martyre

## 4 The converter stations

To enable the routing of electricity to consumers, the connection to the AC electricity transmission system in Ireland and in France requires the construction of a converter station in each country. Each converter station requires a surface area of approximately 4 hectares, including a building which will measure up to 20-25 metres in height extending over approximately 0.5 ha. Public consultation and environmental studies will be an important consideration in the identification of a best performing option for the converter station and the AC connection, while taking account of environmental concerns.



Example of a converter station

# Celtic Interconnector

## A European Project of Common Interest

### Project Timeline

2014/ 2016	Feasibility Phase
2017/ 2018	Initial Design & Pre-Consultation Phase
2019/ 2021	Detailed Design and Consents Phase
2022/ 2026	Construction Phase

### National Grid Development Plans

At a European level, the Celtic Interconnector features in the Ten Year Network Development Plan (TYNDP) produced by ENTSO-E (European Network of Transmission System Operators for Electricity) since 2012. In Ireland, the project is a part of the EirGrid Transmission Development Plan (TDP), the plan for the development of the Irish transmission network and interconnection over ten years, most recently from 2018 to 2027. In France, the project is also included in the Schéma Décennal de Développement du Réseau (SDDR), the Ten-Year Electricity Grid Development Plan drawn up on a regular basis by Réseau de Transport d'Électricité since 2013.

### To learn more

#### EirGrid Transmission Development Plan:

[www.eirgridgroup.com/site-files/library/EirGrid/Transmission-Development-Plan-2018-2027.pdf](http://www.eirgridgroup.com/site-files/library/EirGrid/Transmission-Development-Plan-2018-2027.pdf)

#### Ten Year Network Development Plan (Réseau de Transport d'Électricité):

[www.rte-france.com/en/article/ten-year-network-development-plan](http://www.rte-france.com/en/article/ten-year-network-development-plan)

#### Public Information (European Commission):

[ec.europa.eu/info/about-european-commission/service-standards-and-principles/transparency\\_en](http://ec.europa.eu/info/about-european-commission/service-standards-and-principles/transparency_en)

#### PCI Manual of Permit Granting Process Procedures (An Bord Pleanála):

[www.pleanala.ie/PCI/PCIManual.htm](http://www.pleanala.ie/PCI/PCIManual.htm)

#### TYNDP 2018 - European Ten Year Network Development Plan (ENTSO-E):

[tyndp.entsoe.eu](http://tyndp.entsoe.eu)

### Alternatives Considered

A range of assessments have been carried out to date on the project. In Ireland two separate connection points were considered for the project, at Knockraha in East Cork and at Great Island in West Wexford. Six separate marine route corridors were also considered during the feasibility phase of the project. EirGrid confirmed in 2018 that the best performing location for the project to connect in Ireland was in East Cork and that the best performing marine route ran from Cork to Brittany and avoids UK territorial waters.

### Working towards a carbon-free Europe (by 2030)

- Each country must have an **electrical interconnection capacity of at least 15 %** of its installed generation capacity
- **40 % reduction in greenhouse gas emissions** compared to 1990 levels
- A **renewable energy target of at least 27 %** of final energy consumption by 2030
- Achieve targets for an **improvement in energy efficiency** at EU level of at least **27%** (rising to **30%**)

### A Project of Common Interest

The European Union recognised the Celtic Interconnector as a Project of Common Interest (PCI) for the Northern Seas Offshore Grid (NSCOG) priority corridor in October 2013. This was reconfirmed in November 2017. The Celtic Interconnector project is seen as a key contributor to the European Energy Transition for Ireland, France and Europe.

# Working together to build the network of tomorrow

## Let us hear your views

EirGrid and Réseau de Transport d'Électricité are both examining the project in accordance with their national procedures. Moreover, as the Celtic Interconnector has been identified as a Project of Common Interest (PCI), both promoters will ensure provision of information to and participation of the public, in accordance with European requirements.

## EirGrid's Six Step Process for developing projects in Ireland

Many people might not take an active interest in a project at the start of the development process. However, it is important that we gather stakeholder views before this point.

We want stakeholders to know how and why we plan our projects, so we can receive feedback as early as possible.

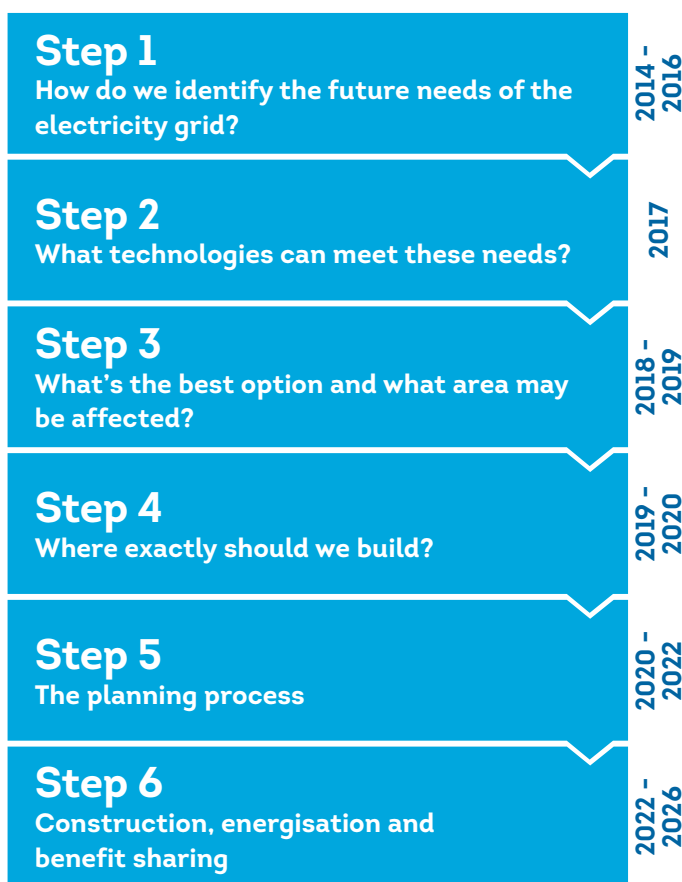
Designing an electricity transmission project can be a complex and lengthy process.

Because of this, we use a consistent project planning process to explore options and make decisions. This means we follow the same steps for every project.

The decision-making tools we use, and the amount of engagement we carry out at each step, depends on the scale and complexity of each project.

## What is happening now in Ireland?

At EirGrid we follow a step by step approach to planning the grid. This approach facilitates engagement and consultation with our stakeholders and the public which helps us to explore options fully and make more informed decisions.



## For further information

On the project and its development:  
[www.celticinterconnector.eu](http://www.celticinterconnector.eu)

EirGrid project website:  
[www.eirgridgroup.com/the-grid/projects/celtic-interconnector](http://www.eirgridgroup.com/the-grid/projects/celtic-interconnector)

Réseau de Transport d'Électricité project website:  
[www.rte-france.com/celtic-interconnector](http://www.rte-france.com/celtic-interconnector)

PCI Procedures Manual (French):  
[www.ecologique-solidaire.gouv.fr/interconnexions-electriques-manuel-des-procedures](http://www.ecologique-solidaire.gouv.fr/interconnexions-electriques-manuel-des-procedures)

PCI Procedures Manual (English):  
[www.pleanala.ie/PCI/PCIManual.htm](http://www.pleanala.ie/PCI/PCIManual.htm)

## The project teams

### EirGrid

Project Manager Ireland  
Consultation Process Manager

Ireland

[celticinterconnector@EirGrid.com](mailto:celticinterconnector@EirGrid.com)

### Réseau de Transport d'Électricité

Project Manager France  
Consultation Process

Manager France

[rte-celtic-interconnector@rte-france.com](mailto:rte-celtic-interconnector@rte-france.com)



## Appendix C: Advertisements - Selection of Advertisements Used



**Celtic Interconnector**

**We're here to talk.**  
**Main Street, Midleton, 9th May.**  
**Youghal, Market Square, 10th May.**

EirGrid operates and develops the electricity grid in Ireland. We are responsible for a safe, secure and reliable source of electricity now and in the future.

Projects like the Celtic Interconnector are part of that future. This project will improve the security of Ireland's electricity supply for decades to come.

Members of our team will be available to answer your questions on **Wednesday 9th May** at **Main Street, Midleton, Co Cork** or **Thursday 10th May** at **Youghal, Market Square** from **10am – 4pm**.

**EIRGRID**  
The current. The future.

[www.eirgrid.com](http://www.eirgrid.com)

Contact Eoghan O'Sullivan on 087 247 7732 or email [Eoghan.O'Sullivan@Eirgrid.com](mailto:Eoghan.O'Sullivan@Eirgrid.com)

[www.eirgrid.ie/celticinterconnector](http://www.eirgrid.ie/celticinterconnector)
 THE ORIGINAL MIDLETON AND DISTRICT NEWS
 Wednesday, September 19th, 2012



## Celtic Interconnector

### We're here to talk.

EirGrid operates and develops the electricity grid in Ireland. We are responsible for a safe, secure and reliable supply of electricity now and into the future.

Projects like the Celtic Interconnector are part of that future.

This project will carry electricity between France and Ireland, connecting Ireland to the European energy network.

We will be holding public meetings to discuss the Celtic Interconnector project at:

- Glounthaune Church Centre, 26th September, 7.00 pm
- Knockraha Community Centre, 26th September, 9.00 pm
- Carrigtwohill Community Hall, 4th October, 7.15 pm
- Lisgoold Community Hall, 4th October, 9.00 pm

Members of the project team will be available to provide an update on the project's development and answer your questions. We also want to hear your views on how we can best deliver this project. We look forward to meeting you there.




**EIRGRID**

The current. The future.

[www.eirgridgroup.com](http://www.eirgridgroup.com)

Contact Michelle Walsh on 085 870 4999 or Eoghan O'Sullivan on 087 247 7732  
or email [celticinterconnector@eirgrid.com](mailto:celticinterconnector@eirgrid.com)






**Keeping our electricity,  
and our conversations, flowing.**

EirGrid operates and develops the national grid, making sure we all have electricity when and where we need it.

In these difficult times we continue to plan for a brighter future, carrying out critical development work on the Celtic Interconnector – a planned subsea cable linking Ireland's and France's electricity grids. You can find the latest project update and consultation report online at [http://bit.ly/Celtic\\_Interconnector\\_Update](http://bit.ly/Celtic_Interconnector_Update).

While we can't meet you face to face right now, we want to keep you informed about what's happening. If you have questions or any views to share, please contact us via email at [celticinterconnector@eirgrid.com](mailto:celticinterconnector@eirgrid.com). You can also speak directly to our Community Liaison Officers, Michelle Walsh on 085 870 4999 or Eoghan O'Sullivan on 087 247 7732. We're still here to answer your questions.

  
**EIRGRID**  
The current. The future.  
[www.eirgrid.com](http://www.eirgrid.com)



# The Celtic Interconnector

## Thank you for having your say

EirGrid runs the electricity grid in Ireland, and connects with neighbouring grids. We've been asked by the government to make the grid more resilient, so that 70% of Ireland's electricity can come from renewable sources by 2030. The Celtic Interconnector project is key to this goal. It will connect national grids in France and Ireland, allowing us to export and import power when needed.

For several years we've been listening to the views of people in Cork about how this project will be delivered and can now confirm our proposal.

The Celtic Interconnector will reach Ireland at Claycastle Beach, near Youghal. An underground cable will run inland on the national road passing the villages of Killeagh and Castlemartyr - where we are still deciding the best route. The cable will continue north of Middleton on local roads to the converter station at Ballyadam with the final connection by underground cable from Ballyadam to a substation on the national grid at Knockraha.

We are grateful to you for contributing to our decisions and will continue to engage with you. We will now prepare to apply for planning permission. To learn more about this project please visit [eirgrid.ie/CelticInterconnector](http://eirgrid.ie/CelticInterconnector).



**EIRGRID**  
Delivering a cleaner energy future

 Co-financed by the European Union  
Connecting Europe Facility

The European Commission has designated the Celtic Interconnector as a Project of Common Interest.

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23/11/2020 15:09

## Appendix D: Copy of the Online Step 3 and Step 4 Consultation Form

### Step 3 Online Consultation Form



#### Registration questions

First name

Last name

Email address

Are you responding on behalf of an organisation?

- ☐ Yes  
☐ No

Name of organisation (if applicable)

House number or name

Address line 1

Address line 2

Town

County

Phone number

Eircode

Your personal data will be securely stored by EirGrid Group as the data controller, and by Traverse (a UK-based consultation company) as the data processor authorised by EirGrid Group, in accordance with the General Data Protection Regulation (2018), to assist in the work related to the subject of this consultation. This consultation questionnaire is being hosted on Snap Surveys: please see their [GDPR statement](#).

Responses to this consultation will be analysed and may be included in a publicly available summary report. For quotes made by individuals the quote will be displayed but the respondent's name will not. For responses made on behalf of an organisation, the organisation name will be displayed together with the quote, but not the name of the individual who made the response.

Please indicate if you would prefer your response to remain confidential, and not used for reporting purposes.

- ☐ I would not like my response to be quoted in a report summarising feedback.

Please read the statements below, and tick to agree to both, before clicking "Next" and taking part in this consultation

- ☐ I have read the above information and understand the purpose of the consultation, and how my responses will be used.

- ☐ I consent to providing data, which will be stored and processed in line with the information given above, and via [EirGrid's Privacy Statement](#)

If you wish to withdraw your consent at any time, please contact [dpo@eirgrid.com](mailto:dpo@eirgrid.com)

Please indicate whether you would like EirGrid to maintain contact with you about the Celtic Interconnector project:  
☐ I give EirGrid permission to contact me during the design, application and development of the Celtic Interconnector project.

This questionnaire contains questions on both the proposed shortlists of landfall locations and converter station location zones. You are welcome to complete only one or both of these sets of questions. At the end of the survey there are also some general questions on the project as a whole and on the consultation process.



## Converter station location zone

Q1. In your view, how important is it for us to consider each of the following aspects when choosing the converter station location zone? Please choose from the options below.

	Very important	Important	Neutral	Not very important	Not important at all	Don't know
Agriculture and land quality	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Air quality	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Climate change	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Community	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Health and security	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Historic environment	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Landscape and visual	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Local economy	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Sound, noise and vibration	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Traffic and transport	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Waste and material resources	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Wildlife, ecology and biodiversity	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other (please specify below at Q2b)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Q2a. Do you agree with the shortlist of converter station location zones identified?

- ☐ Yes  
☐ No  
☐ Neutral  
☐ Not sure

Q2b. Please provide reasons for your answer.



## Landfall location

Q1. In your view, how important is it for us to consider each of the following aspects when choosing the landfall location? Please choose from the options below.

	Very important	Important	Neutral	Not very important	Not important at all	Don't know
Agriculture and land quality	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Air quality	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Climate change	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Community	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Health and security	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Historic environment	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Landscape and visual	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Local economy	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Sea, freshwater and flood risk	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Sound, noise and vibration	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Traffic and transport	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Waste and material resources	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Wildlife, ecology and biodiversity	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other (please specify below at Q2b)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Q2a. Do you agree with the shortlist of landfall locations identified?

- ☐ Yes  
☐ No  
☐ Neutral  
☐ Not sure

Q2b. Please provide reasons for your answer.



## General comments

Q1. What is your view on the Celtic Interconnector Project? Please select one option from below.

- ☐ A very positive step for Ireland
- ☐ A positive step for Ireland
- ☐ Neither a positive nor a negative step for Ireland
- ☐ A negative step for Ireland
- ☐ A very negative step for Ireland

Q2. Finally, here is an opportunity for you to comment generally. You may have something else to say about the landfall locations or converter station location zones overall, or the decision-making process which led to these shortlists. Is there anything else you would like to say?

## Consultation process

Q3. Have you attended any of the public information events? If so, please select which event(s) you attended below.

- ☐ Carrigtwohill
- ☐ Cloyne
- ☐ Knockraha
- ☐ Lisgould
- ☐ Middleton
- ☐ Youghal

Q4. How did you first hear about this consultation? Please select one option from below.

- ☐ Correspondence from EirGrid
- ☐ Online/social media
- ☐ Newspaper
- ☐ Poster
- ☐ TV/radio
- ☐ Word of mouth
- ☐ Other (please specify)

Please specify:



Q5. Please rate the following areas of the consultation:

	Very good	Good	Average	Poor	Very poor	Don't know
Q5a. Consultation events	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Q5b. Consultation materials	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Q5c. Promotion of the consultation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Q6. Please provide us with any comments you may have on the consultation process.

Q7. Would you like to receive more information about the project?

☐ Yes

☐ No

Q8. If so, how would you like to receive this information?

☐ Email

☐ Project website

☐ Public events

☐ Other

Please specify:

Q9. As the project progresses, what aspects would you like to find out more about?

☐ Construction timelines

☐ Cable routing options

☐ Visual impact of the development


☐ Other

Please specify:




## Step 4 Online Consultation Form

**Celtic Interconnector**  
**Step 4 Consultation questionnaire**




**Responding to the consultation**


Submit your response by midnight 02 February 2020 (you only need to submit once, using one of the channels below).



**Post this form (free):** EirGrid, The Oval, 160 Shelbourne Road, Freepost FDN5312, Dublin 4, D04 FW28



**Online:** You can fill in the consultation questionnaire at [bit.ly/celticconsultation](http://bit.ly/celticconsultation)



**Email:** If you want to submit your response by email, send it to [celticinterconnector@eirgrid.com](mailto:celticinterconnector@eirgrid.com)

**What we are consulting on**

We are seeking feedback on three converter station sites (12, 9B and 1), the emerging best performing landfill location, underground cable route options, and community gain. Before responding, please familiarise yourself with updated project information, available here [www.eirgridgroup.com/the-grid/projects/celtic-interconnector](http://www.eirgridgroup.com/the-grid/projects/celtic-interconnector). Please contact us if you would like to receive a hard copy of any reports.

**Personal details**

All information provided to EirGrid will be held by EirGrid personnel and EirGrid's data processors only, for the purpose of engaging with you in the public consultation process.

First name

Surname

Email

Are you responding on behalf of an organisation? ☐ Yes ☐ No

Name of organisation (if applicable)

Role in organisation (if applicable)

House number / name  Eircode

Address line 1

Address line 2

County  Phone Number

I have been informed of the GDPR Privacy Statement and received a copy of the Privacy Notice ☐

I would like to be contacted about the Celtic Interconnector Project ☐

## Section 1 – Converter station site

Please refer to the Celtic Interconnector Project Update brochure for the Step 4 Consultation and the Step 4A Consultant's Development Options Report for further information on the converter station sites.

1. We identified converter station sites in each zone by considering a number of factors including visual impact, distance from potentially sensitive receptors, including homes and businesses, feedback from the Step 3 consultation, and the number of landholdings that the site covers. These converter station sites were then assessed under EirGrid's five criteria (deliverability, environment, socio-economic, technical, and economic).

Please provide your comments on the assessment process and studies undertaken.

*If you need additional space, continue on separate paper with the question number and include it when you post this form*

2. EirGrid is moving forward, focussing on three converter station sites (12, 9B and 1) for further review before confirming the best performing option at the end of Step 4. Please provide your comments and any new information about these sites that we should consider.

a. Site 12

*If you need additional space, continue on separate paper with the question number and include it when you post this form*

b. Site 9B

*If you need additional space, continue on separate paper with the question number and include it when you post this form*

c. Site 1

*If you need additional space, continue on separate paper with the question number and include it when you post this form*

3. Four sites (Site 6, Site 9A, Site 10 and Site 14) did not perform as well in our assessments. Please provide any new information about these sites that we should consider.

*If you need additional space, continue on separate paper with the question number and include it when you post this form*

## Section 2 – Landfall location and underground cable route options

Please refer to the Celtic Interconnector Project Update brochure for the Step 4 Consultation and the Step 4A Consultant's Development Options Report for further information on the landfall locations and underground cable route options.

4. We have identified the landfall location at Claycastle Beach as the emerging best performing option. Please provide your comments on the assessment process and studies undertaken.

*If you need additional space, continue on separate paper with the question number and include it when you post this form*

5. We have identified underground cable routes from the landfall location at Claycastle Beach to Churchtown (east of Midleton) and from Churchtown (east of Midleton) to the converter station sites 12, 9B and 1 and onwards to the connection point (refer to maps available in the brochure). Please provide any comments you may have relating to any of the routes mentioned (if your comments are about a specific section of the route, highlight it clearly).

*If you need additional space, continue on separate paper with the question number and include it when you post this form*

## Section 3 – Working with the community

6. Please provide any ideas you have for how a community fund could best be applied in the affected East Cork communities, where and how the area could benefit, and what support we could give to ensure it is a success.

*If you need additional space, continue on separate paper with the question number and include it when you post this form*

7. We are considering setting up a local advisory group after Step 4, to represent communities in the area of the best performing option. What organisations and/or groups do you feel should be involved?

*If you need additional space, continue on separate paper with the question number and include it when you post this form*

## Section 4 – General

8. What is your view of the effect of the Celtic Interconnector Project on Ireland? (tick only one)

- ☐ Very positive  
☐ Positive  
☐ Neither positive nor negative  
☐ Negative  
☐ Very negative  
☐ No opinion/don't know

9. What do you think of the quality of each of the following aspects of this consultation?

	Very good	Good	Average	Poor	Very poor	No opinion/ don't know
Promotion	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Materials	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Events	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

10. How did you first hear about this consultation? (tick only one)

- ☐ Correspondence from EirGrid  
☐ Newspaper  
☐ Online / social media  
☐ Word of mouth  
☐ Other (please specify)

11. Provide any comments on these or any other aspects of the consultation below:

## Next steps

Your feedback on our proposals, alongside results from further studies, will help us decide which converter station site option, landfall location and underground cable route to take forward for further development at the end of step 4. Please note, we will be unable to respond to individual feedback. We will collate all responses to the consultation and publish a report in response.

### Contact details for Celtic Interconnector Project

Michelle Walsh, Celtic Interconnector Community Liaison Officer: +353 85 870 4999

Eoghan O'Sullivan, Community Liaison Officer: +353 87 247 7732

EirGrid Customer Relations: +353 1 237 0472

Email: [celticinterconnector@eirgrid.com](mailto:celticinterconnector@eirgrid.com) - [info@eirgrid.com](mailto:info@eirgrid.com)

Websites: [www.eirgridgroup.com/the-grid/projects/celtic-interconnector](http://www.eirgridgroup.com/the-grid/projects/celtic-interconnector) - [www.celticinterconnector.eu](http://www.celticinterconnector.eu)

The Oval, 160 Shelbourne Road, Ballsbridge, Dublin D04 FW28 - Telephone: 01 677 1700 - [www.eirgrid.com](http://www.eirgrid.com)

## Appendix E: List of Relevant Publicly Available Documentation

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The following documentation is available on EirGrid's project specific website for the Celtic Interconnector Project at <https://www.eirgridgroup.com/the-grid/projects/celtic-interconnector/related-documents/>. Many of the documents referred to in this Volume 2B Public and Landowner Consultation Report can be accessed via this website.

### Step 5 Documents

- Cable Route Options Review Report
- Webinar Slide Deck Presentation - April 2021
- Community Forum Information Evening - 21 April 2021
- Celtic Interconnector Webinar - Wednesday 7 April 2021
- Celtic Interconnector Webinar - Thursday 8 April 2021

### Step 4 Documents:

- Step 4B Consultant's Development Options Report
- Step 4B Brochure (Winter 2020)
- Step 4B - Press release
- Step 4 Overview Presentation
- Cable Route Map
- Video: What does a converter station look like?
- Celtic Interconnector Underground Cable Brochure
- Celtic Interconnector Webinar (August 2020)
- Step 4 Project Update Document (Spring 2020)
- Step 4 Consultation Report
- Preliminary Acoustic Study Report
- Step 4 Brochure (Winter 2019 - 2020)
- Step 4A Consultant's Development Options Report

### Step 4 Maps:

- Claycastle - Landfall location and cable route
- Kilquane - Converter station option and cable route
- Knockraha - Converter station option and cable route
- Ballyadam - Converter station option and cable route



**Step 3 Documents:**

- Preferred Options Report
- Consultation Response Document
- Consultation Report
- Project Update Brochure - Step 3 Consultation (Spring 2019)
- Offshore Constraints Report
- Onshore Constraints Report and Mapping
- Strategic Social Impact Assessment Scoping Report
- Performance Matrix Assessments
- Project Update Brochure (2018)

**Step 2 Documents:**

- Project Update Brochure (2017)
- Marine Route Investigations Report
- Social Impact Assessment - Social Baseline Report
- Feasibility Phase - Network Analysis

**Step 2 Land Reports:**

- Land Report 1 - Feasibility Study - Converter Station Site and Route Identification in Ireland and Associated Mapping (All maps associated with this study are available for download via hyperlinks throughout the report)
- Land Report 2

**Health:**

- The Electrical Grid and Your Health

**Project of Common Interest Process:**

- Project of Common Interest Information Brochure
- Letter from Competent Authority to EirGrid Approving Concept for Public Participation (2020)
- EirGrid Concept for Public Participation (2020)
- Letter from Competent Authority to EirGrid Acknowledge Project of Common Interest Notification (2019)
- Pre-Application Notification from EirGrid to Competent Authority (2018)