Comhshaol, Pobal agus Rialtas Áitiúil
Environment, Community and Local Government

For Office Use

Ref. No._____

Application date:_____

Date of receipt. _____

Date Validated:_____

APPLICATION FOR A LEASE/LICENCE/CONSENT UNDER THE FORESHORE ACT 1933 (AS AMENDED)

- **Applications for Offshore renewable energy (ORE) projects should use an ORE specific form.**
- **Please complete the form electronically. Type details in the boxes provided, space will expand as you type.**
- **The enclosures checklist should also be completed**
- **Tá an leagan Gaeilge den fhoirm seo ar fáil ar iarratas.**

IT IS IMPORTANT TO NOTE THAT A CHANGE IN APPLICANT NAME WILL REQUIRE A NEW APPLICATION.

Applicant Address/Contact Details:

Full Name of Applicant (not Agent): Tom Brinicombe
Company/Organisation: Greenlink Interconnector Limited
Address: Unit C Building 4200, Cork Airport Business Park, Cork, Ireland
Eircode:
Phone No: 00447814169380
E-mail address: tom.brinicombe@elpower.com

Agent (if any) Address/Contact Details:

Person/Agent acting on behalf of the Applicant: Anna Farley
Company: Metoc Ltd, trading as Intertek Energy & Water Consultancy Services
Address: Exchange House, Station Road, Liphook, Hampshire, GU30 7DW, UK
Eircode:
Phone No: 00441428728537
E-mail address: Anna.farley@intertek.com

Applicant's Legal Advisor:

Name: Robin Hutchison
Address: CMS Cameron McKenna LLP, Cannon Place, 78 Cannon Street, London, UK
Eircode:
Phone No: 00442073673000
E-mail address: robin.hutchison@cms-cmck.com

Part 1: Proposal Details (Attach additional documents as required)

1.1	**Description of proposed works / activity.** Greenlink Interconnector Limited, trading as 'Greenlink,' which is a subsidiary company of Element Power Ireland Ltd, is proposing to develop an electricity interconnector linking the existing electricity grids in the UK and Ireland. The 'Greenlink' project will consist of two converter stations, one close to the existing substation at Great Island in County Wexford (Ireland) and one close to the existing substation at Pembroke in Pembrokeshire (Wales). The converter stations will be connected by underground cables (onshore) and subsea cables (offshore). In Wales, a connection agreement has been signed with National Grid for a grid connection at the Pembroke substation. Greenlink is designated as a European Union Project of Common Interest (PCI project number 1.9.1) under the provisions of European Union Regulation No. 347/2013 on guidelines for Trans-European Network for Energy (TEN-E Regulations) and has successfully applied for funding under the Connecting Europe Facility (CEF). Greenlink intend to carry out geophysical, geotechnical and environmental marine surveys of the shortlisted marine cable routes to two landfall options. The objective of the marine survey is to acquire all appropriate data for the confirmation of a preferred offshore route. This includes: detailed mapping of nearshore shallow geological and seabed character; reconnaissance level mapping of seabed relief and features along offshore sections; and baseline environmental mapping along the entire route corridor. The data would also be used to inform the Environmental Report in support of the cable installation application by providing information on the current situation and allowing impacts to be predicted, and subsequently appropriate mitigation to be developed. It may also be used at a later date to provide a baseline against which to monitor post construction effects of construction/operation/decommissioning. This application refers to the marine survey works from the high water mark to the 12nm limit. The marine surveys will continue onwards across the Irish Exclusive Economic Zone (EEZ), UK EEZ and Welsh territorial waters to landfall in Pembrokeshire, Wales. Full details of the survey work scope are contained within attached document: P1975_R4130_Rev5 Section 2. Two shortlisted landfalls on the Hook Head Peninsula, County Wexford, are currently being considered: Boyce's Bay and Baginbun Beach. Landfall selection will partly depend on the results of the marine survey.

1.2 **Describe the nature and scale of any structure to be erected on the foreshore. Is the structure proposed to be temporary or permanent?**

A jack-up barge (JUB) will be temporarily located within the nearshore area to acquire geotechnical boreholes. Exact details of the vessel to be used will not be confirmed until April 2018. As a worst-case it has been assumed a JUB similar to a Wave Walker will be used. This is a specially designed JUB for work in inter-tidal areas. It can use up to eight legs to support the platform. Further details are provided in attached document: P1975_R4130_Rev5 Section 2.1. It is anticipated that the JUB will be on-site for one week; although this is weather dependant.

1.3 **Indicative timing of the works/activity: (i) Start date (ii) Duration (iii) Any other information relevant to timing.**

Start date: 01 May 2018

End date: 31 December 2019

Duration: It is proposed that the marine survey works will be split into five components.

1. Shallow & offshore geophysical survey – will take 1 month within this period and will start at the earliest on 01 May 2018.
2. Shallow & offshore geotechnical and environmental survey – will take approximately 1 month and will start at the earliest on 01 June 2018.
3. Geotechnical borehole – will take approximately 1 week (per landfall) and will start at the earliest on 01 June 2018.
4. Land/intertidal geophysical survey – walkover survey will take up to one month (maximum two weeks at each landfall) and will start at the earliest on 01 June 2018.
5. Land/intertidal habitat survey – walkover survey will take 1 to 2 days at each landfall and will start at earliest on 01 May 2018.

It is anticipated that all works will be completed within four months during this period but a contingency until the end of December 2019 has been applied for to account for operational downtime e.g. due to weather, and uncertainty regarding the timing of the project and individual phases.

1.4 **Primary usage for proposed development (please tick)**

Use	
Industrial	
Commercial	
Within Fishery Harbour Centre	
Sea Fisheries	
Local Authority	
Community/Co Op scheme	
Other(specify) : Marine surveys to support route design for proposed electricity interconnector.	✓

1.5	**Do the proposed works provide for public use, commercial use, restricted use or strictly private use? Provide Details** The proposed marine surveys will support the route development of a proposed electricity interconnector linking the existing electricity grids in the UK and Ireland. Greenlink will have key strategic importance providing significant additional interconnection between Ireland, the UK and onwards to mainland Europe. It will provide additional transmission network capacities, reinforcing the existing electricity grids in south-east Ireland and south Wales and contributing to each country's strategic interconnection objectives. The development and construction of Greenlink will deliver increased security of supply, fuel diversity, greater competition and ultimately provide significant benefits to consumers in Ireland, Wales, Great Britain as a whole and mainland Europe. Greenlink is designated as a European Union Project of Common Interest (PCI project number 1.9.1) under the provisions of European Union Regulation No. 347/2013 on guidelines for Trans-European Network for Energy (TEN-E Regulations).
1.6	**Might the proposed works restrict public use / enjoyment of the foreshore? Provide details.** The proposed activities may temporarily restrict the use of the beach at Baginbun Beach and Boyce's Bay. Any restriction would be limited to a couple of days and to the immediate area surrounding the trial pit being dug. The key recreational activity relating to the nearshore and offshore areas of the foreshore zone is likely to be restricted to sailing and possibly diving. There is potential for temporary disruption to sailing activities during survey works. Mariners will be informed of the presence of the survey vessel and spread through notices to mariners. Vessels will move through the area relatively quickly and will not cause long-term disruption.
1.7	**Has the applicant held or does the applicant hold any previous Foreshore Licences, Leases or applications over the area sought or over any other area including pending applications? (Give details including Department's file reference number(s)).** No
1.8	**Status of planning permission application: Pending / granted / not required.** **Consent Authority:** **Reference Number:** N/A **(Please provide copies of consents granted)**

1.9	**Are any other consents required for this proposal? Please detail.** Equivalent consents (and/or exemptions) for marine survey are required for activities within UK waters. These applications have not yet been submitted. However they will include the following: • Voluntary notification of intent to carry out geophysical survey, Marine Management Organisation, not yet submitted. • MMO Notification of an Exempt Activity (Geotechnical and environmental survey), Marine Management Organisation, not yet submitted. • Notification of Geophysical Survey, Natural Resources Wales, not yet submitted. • Marine Licence for geotechnical and environmental survey, Natural Resources Wales, not yet submitted. • Small Works Licence, Crown Estate, not yet submitted. • Works Licence, Port of Milford Haven, not yet submitted **Consent type:** **Consent Authority:** **Reference Number:** **Status of application:** **(Please provide copies of consents granted)**
1.10	**Employment Implications (if any)** None
1.11	**Capital cost of proposed works (€ - Euro):** Marine surveys approximate cost €5.7 million
1.12	**Do the proposed works involve the draw down of European Union or State funding?** **If "Yes" give details, including any time restrictions, etc. applying** Yes. The Greenlink project is listed as a Project of Common Interest (PCI) and has successfully applied for funding under the Connecting Europe Facility (CEF). Greenlink are currently applying for an extension to the funding to support the intrusive survey works. There are currently no timing restrictions associated with the funding application.

Part 2: Proposed Site. (Attach additional documents as required)

2.1	**County:** County Wexford
2.2	**Location name and nearest townland name:** Boyce's Bay – Loftus Hall. Baginbun Beach – Rethard-on-Sea.

2.3	**Geographic co-ordinates of the area under application in degrees minutes and seconds WGS84 for offshore developments and where the area can also be identified on the Ordnance Survey map and / or is connected to the seashore / mainland , specify Ordnance Survey map no and Irish National Grid co-ordinates** Coordinates for the survey area are provided in attached document P1975_R4130_Rev5 – Appendix A. Admiralty Chart No. 1410-0 Saint George
2.4	**Please indicate the size of the Foreshore area (Ha²) or (M2) or (KM2)** **8773.8 Hectares (87.8km²)** It should be noted that the application area is wider than the proposed survey corridor to allow for flexibility in the routing of the survey corridor centre line. Nearshore survey (<10m LAT) : 437.4 Hectares (4.4 km²) Offshore survey (>10m LAT): 8336.4 Hectares (83.4 km²) Total = 8773.8 Hectares (87.8 km²) See attached document P1975_R4130_Rev5 – Appendix A.
2.5	**If offshore please indicate distance from shore (Km):** The marine survey will be from the shore to the 12nm limit – a minimum distance of 47km from Baginbun Beach and 45km from Boyce's Bay as the crow flies.
2.6	**Is any of the foreshore in the proposed site in private ownership? If yes please provide documentary evidence of same (e.g. folio)** The Foreshore below High Water Mark is deemed to be in State Ownership. While we believe that no private land will be needed for the landfall, we will be conducting consultation with third-party landowners to provide more flexibility for landfall design.
2.7	**Any other site details considered relevant:** **N/A**

Part 3. Maps and Drawings, Please refer to Guidance on map and drawing requirements.

3.1	**Site location map attached? Please include reference no(s).** See attached document P1975_R4130_Rev5 – Appendix A Figure A-1

3.2	**Foreshore Lease/Licence map attached? Please include reference no(s).** See attached document P1975_R4130_Rev5 – Appendix A Figure A-2 and Figure A-3
3.3	**Drawings of structures to be used and or layout (if required) attached? Please detail and include reference no(s).** N/A
3.4	**Admiralty Chart attached**? No. Admiralty Chart No is 1410-0 Saint George.
3.5	**Other maps/drawings attached ?– please detail and include reference numbers** N/A

Part 4: Pre- application consultations

4.1	**Describe briefly any consultations undertaken with the following bodies:** • **National Parks & Wildlife Service (NPWS) of the Department of Arts, Heritage and the Gaeltacht** Yes Meeting held 09/12/15 to discuss potential landfall options and marine routes, particularly in relation to Hook Head SAC. Minutes of meeting attached as P1975_R4130_Rev5 – Appendix E • **National Monuments Service (NMS) of the Department of Arts, Heritage and the Gaeltacht No** • **Inland Fisheries Ireland No** • **Sea Fisheries Protection Authority No** • **Marine Institute No** • **Marine Survey Office No** **Please also provide copies of correspondence.**

4.2	**Describe briefly any consultations undertaken with other relevant authorities (e.g. Local Authority, Port/Harbour authority etc) or State Agencies.** DAHG – Underwater Archaeology Unit: 15/02/16 email correspondence discussing archaeological requirements that may be a condition of the foreshore licence for geotechnical aspects of marine survey programme. Port of Waterford Harbour Authority: 09/03/16 meeting to discuss feasibility of potential landfalls (Booley Bay & Boyce's Bay) and marine routes within authority waters. Advised against landfall at Booley Bay which has subsequently been removed from shortlist and raised concerns regarding marine route to Boyce's Bay. Port of Waterford Harbour Authority: July – August 2016 email correspondence and telephone calls to discuss marine route to Boyce's Bay. Route amended through several iterations to avoid ports licensed dredging disposal area and to address concerns regarding sterilising the seabed for future port expansion.
4.3	**Describe any consultations undertaken to date with other foreshore users.** None
4.4	**Describe any likely interactions with activities of the public or other foreshore users during the construction and operational phases of the works/activities (e.g. fishing, aquaculture, sailing, and surfing swimming, walking). Describe any measures proposed to minimise inconvenience to other users.** There is potential for temporary disruption to shipping activity during survey works. This will be managed as part of the normal engagement with all navigational stakeholders before and during the survey. Consultation with the Port of Waterford has commenced to ensure all issues are identified early. Notices to mariners will be issued ahead of the survey to inform all marine users of the movements and timings of the survey. There is the potential that fishing activity could also be disrupted by the survey. Static gear within the survey corridor will need to be moved. Greenlink will appoint a fisheries liaison officer (FLO) to open dialogue with local fishermen ahead of the survey. The FLO will be available throughout the survey to address concerns and act as the intermediate between Greenlink and the local fishing community. Notices to fishermen will also be issued. The key recreational activity relating to the foreshore area is likely to be restricted to sailing and possibly diving. Notices to mariners will be issued ahead of the survey to inform all sea users of the presence and movements of the survey vessels.
4.5	**Have adjacent land owners, whose properties may be affected by these works been consulted? Please provide details/permissions as appropriate.** N/A

Part 5: Environmental Considerations

(your consultations with National Parks and Wildlife Service and National Monuments Service may inform your answers. Attach additional reports as required and mark under the R column)

www.epa.ie/downloads/advice/ea/guidelines/

www.environ.ie/en/DevelopmentHousing/PlanningDevelopment/EnvironmentalAssessment/

http://www.npws.ie/protectedsites/appropriateassessment/

http://webgis.npws.ie/npwsviewer/

	Environmental legislative requirements	**Yes**	**No**	**R**
5.1	**Is an Environmental Impact Statement required for this proposal?**		✓	
5.2	**Is a Natura Impact Statement required for this proposal?** AA screening provided as P1975_R4130_Rev5 – Appendix E		✓	✓
5.3	**Is the area within or adjacent to a NHA, pNHA, SAC, SPA, or National Park?** **Specify site names and code(s).** The application area is within 000764 Hook Head SAC The following sites are within 10km of the application area • SAC 002162 River Barrow and River Nore • SAC 000697 Bannow Bay • SPA 004033 Bannow Bay • Ramsar 000840 Bannow Bay • SPA 004118 Keeragh Islands • SAC 000707 Saltee Islands • SAC 000696 Ballyteige Burrow • SPA 004020 Ballyteige Burrow • SAC 000671 Tramore Dunes and Backstrand SAC • SPA 004027 Tramore Backstrand SPA • NHA 000703 Keeragh Islands • pNHA 000787 Waterford Harbour • pNHA 000664 Dunmore East Cliffs • pNHA 000697 Bannow Bay • pNHA 000764 Hook Head • pNHA 000659 Belle Lake • pNHA 000671 Tramore Dunes and Backstrand • pNHA 000695 Ballyhack • pNHA 000711 Tintern Abbey • pNHA 000696 Ballyteige Burrow • pNHA 001738 Duncannon Sandhills Please see P1975_R4130_Rev5 – Appendix C; Figure C-1.	✓		✓

5.4	**Describe any other projects or plans for the area, anticipated or developed, that in combination with this proposal, may have a significant effect on a Natura 2000 site: Please list with planning reference numbers (where available).**		✓	

	Environmental Considerations	**Yes**	**No**	**R**
5.5	**Will the proposal have any potential environmental impacts? If yes, please describe:** Generation of underwater noise has the potential to effect marine mammals and fish. See assessment provide in as P1975_R4130_Rev5 – Section 4.3 (fish) and Section 4.5 (marine mammals)	✓		✓
5.6	**Are you proposing any measures to mitigate the potential environmental impacts? If yes, please describe:** Proposed mitigation measures are listed in Section 4 of attached report P1975_R4130_Rev5.	✓		✓
5.7	**Are there public health/safety implications arising from the proposed works? (e.g. effluent disposal, removal of derelict or dangerous structures etc.) If yes, please describe**		✓	
5.8	**Will the works involve the storage and/or disposal of waste? If "Yes" please give details of the type of waste and the proposed method of storage and/or disposal (including location)**		✓	
5.9	**Any other Environmental Considerations? If yes, please specify.**		✓	

	Built Heritage Considerations	**Yes**	**No**	**R**
5.10	**Does the area contain an archaeological site or feature? If yes, please specify.**		✓	

5.11	**Does the area contain or adjoin a listed archaeological site or monument? If yes, please specify.**		✓	
5.12	**Will the proposal have any potential impacts on the archaeological integrity of the site? If yes please describe**		✓	
5.13	**Are you proposing any measures to mitigate potential archaeological impacts? If yes, please describe?** Proposed mitigation measures are listed in Section 4.6 of attached report P1975_R4130_Rev5	✓		✓

Part 6: Navigational Safety Considerations. (Your consultations with relevant stakeholders may inform your answers. Attach additional documents as required and mark under the R column)

	Navigational Safety Considerations.	**Yes**	**No**	**R**
6.1	**Are there public navigational safety implications arising from the proposed works?**	✓		
6.2	**What marine activity is there in the area?** Shipping, fishing, recreational boating	✓		
6.3	**How will the marine activity be affected by the proposed works?** Temporary disruption / exclusion from an area whilst marine survey is taking place.	✓		
6.4	**What mitigating measures will be put in place?** Proposed mitigation measures are listed in Section 4.7 of attached report P1975_R4130_Rev5	✓		✓
6.5	**How will the proposed works affect Marine Navigation in the future?**		✓	

Part 7: Fishing / Aquaculture considerations (your consultations with IFI, SFPA, DAFM may inform your answers. Attach additional documents as required and mark under the R column)

	Fishing / Aquaculture considerations	Yes	No	R
7.1	**Is the proposal located in proximity to any of the following:** • **aquaculture operation** • **designated Shellfish Growing Waters** • **fish spawning ground** • **other sensitive fisheries location** **Please Illustrate on appropriate chart including distance in Km.** Shortlisted marine routes pass through fish spawning grounds – see attached report P1975_R4130_Rev5 Appendix D; Figure D-1. The Boyce's Bay marine route lies within the Waterford Harbour Shellfish Waters and the Baginbun Beach marine route lies 3.5km to the south of the Bannow Bay Shellfish Water. Bannow Bay Oysters, owned locally, farms and harvests oysters off the foreshore approximately 0.7km north of the Baginbun Bay landfall.	✓		✓
7.2	**Are there other potential impacts of the proposal on fishing / aquaculture in the area? If yes, please describe.** Temporary disruption to fishing activity and exclusion from an area whilst marine survey is taking place. Static pots may need to be removed from survey corridor.	✓		✓
7.3	**Are there any measures proposed to mitigate potential impacts on fisheries or aquaculture? If yes, please describe.** Greenlink will appoint a fisheries liaison officer (FLO) to open dialogue with local fishermen ahead of the survey. The FLO will be available throughout the survey to address concerns and act as the intermediate between Greenlink and the local fishing community. Notices to fishermen will also be issued. Proposed mitigation measures are listed in Section 4.7 of attached report P1975_R4130_Rev5	✓		✓

Part 8 – Additional information

8.1	**Please detail any additional relevant information.**

Declaration and Consent:

The details provided here are correct to the best of my knowledge.

I understand that no works will be commenced, by me or my agents on the proposed site, without the prior written consent of the Minister.

I give consent to the Minister and his servants to copy this application and to make it available for inspection and copying by the public. This consent relates to this application, to any further information, or submission provided by me or on my behalf and to the publication of the licence document.

Signature of Applicant (or his or her Agent):

Name of above Signatory (block letters):

ANNA FARLEY

Position Held:

ASSOCIATE DIRECTOR

Date: 18/01/2018

Return completed applications to:

Marine Planning and Foreshore Section
Department of the Environment, Community and Local Government
Newtown Road
Wexford
Y35 AP90

Enquiries to: Foreshore@environ.ie (Other contact details to be included in Guidance materials)
Email a copy of application documents: Foreshore@environ.ie

Enclosures Checklist

One hard copy of every document is required unless otherwise stated. Electronic versions of documentation must also be provided in searchable PDF format (no single file to be greater than 30mb) so that the Department can make them available on its website.

Item No.	Description	No. of copies Required	
1	**Application Form.** With original signature	4	
2	**Mapping (see guidelines document)** (i) Site Location map (ii)Foreshore Lease/licence map	 4 4	
3	**British Admiralty Chart** (largest available scale)	1	
4	**Drawings** of the structures to be used and/or layout	4	
5	**Pre-application correspondence with stakeholders.**	1	
6	**Other statutory permissions:** (i) Planning permission (ii) Effluent Discharge Licence (iii) Other consent (Please specify)	 1 1 1	
7	**Company documentation (1):** Certified copy of the Company's Memorandum and Articles of Association	1	
8	**Company documentation (2)** Certificate of Incorporation of a Limited Liability, or Company/Rule Book/Constitution for a Club or Co-Operative Society as appropriate	1	
9	**Environmental Impact Statement (EIS).** (i) Hard copy (ii) CDs	 5 25	
10	**Natura Impact Statement (NIS)** (i) Hard copy (ii) CDs	 5 4	
11	**Property-related owner permissions/wayleaves** (i) Folio – (or other evidence of private ownership) (ii) Wayleave/consent from other property owners (iii) Other (Please specify)	 2 1 1	
12	**Other – Please specify**	1	