FEIRM GHAOITHE CHARRAIGEACHA SCEIRDE

FUINNEAMH INACMHAINNE, GLAN AGUS GLAS Á CHUR AR FÁIL DON RÉIGIÚN

SCEIRDE ROCKS WINDFARM
Feirm Ghaoithe Charraigeacha Sceirde

CLÁR ÁBHAIR

3 Fuinneamh in-athnuaite a ghintear ó ghaoth amach ón gcósta i gConamara, Contae na Gaillimhe

3 An chúis le gaoth amach ón gcósta

3 Cén méid

4 Cá háit

4 Cén uair

5 Comhairliúchán Comhphobail

5 Tairbhí eacnamaíocha

6 Fostaíocht agus Oiliúint

6 Tairbhí an Chomhphobail

6 Ciste Sochair Pobail

7 An Timpeallacht

8 Tuilleadh eolais

FUINNEAMH IN-ATHNUAITE A GHINTEAR Ó GHAOTH AMACH ÓN GCÓSTA I GCONAMARA, CONTAE NA GAILLIMHE

Beidh Feirm Ghaoithe Amach ón gCósta Charraigeacha Sceirdre ar cheann de na tionscadail infreastruchtúir is mó a rinneadh i gceantar Chonamara go dtí seo. Suite idir cúig agus dhá chiliméadar déag amach ó chósta an iarthair atá sí, gar do Charna, agus táthar ag súil go mbeidh sé ar an gcéad fheirm ghaoithe amach ón gcósta ar scála tráchtála ar imeall Atlantach na hEorpa.

- Fuinneamh glan a sholáthar do thithe agus do ghnólachtaí
- Forbairt eacnamaíoch agus deiseanna fostaíochta a chur ar fáil
- Cabhrú le hÉirinn a spriocanna aeráide náisiúnta le haghaidh 2030 a bhaint amach.

AN CHÚIS LE GAOTH AMACH ÓN GCÓSTA

Tá sé mar sprioc ag Éirinn 80 % dá fuinneamh a tháirgeadh trí úsáid a bhaint as foinsí in-athnuaite faoi 2030. Chun é sin a bhaint amach, táthar ag súil go bhforbrófar os cionn 5 GW d'fhuinneamh gaoithe amach ón gcósta faoi dheireadh na ndeich mbliana seo. Leis na spriocanna sin, laghdófar astaíochtaí carbóin, cabhrófar le freastal ar an méadú atá ag teacht ar an éileamh intíre ar leictreachas agus neartófar an tslándáil fuinnimh.

CÉN MÉID

Beidh Carraigeacha Sceirde ar an gcéad fheirm ghaoithe amach ón gcósta ar chósta thiar na hÉireann. Beidh acmhainn suas le 450 meigeavata ag an tionscadal atá beartaithe, acmhainn a sholáthróidh dóthain leictreachais le freastal ar líon is mó ná 350,000 teach in Éirinn.

30
Suas le 30 tuirbín le dúshraitheanna daingne

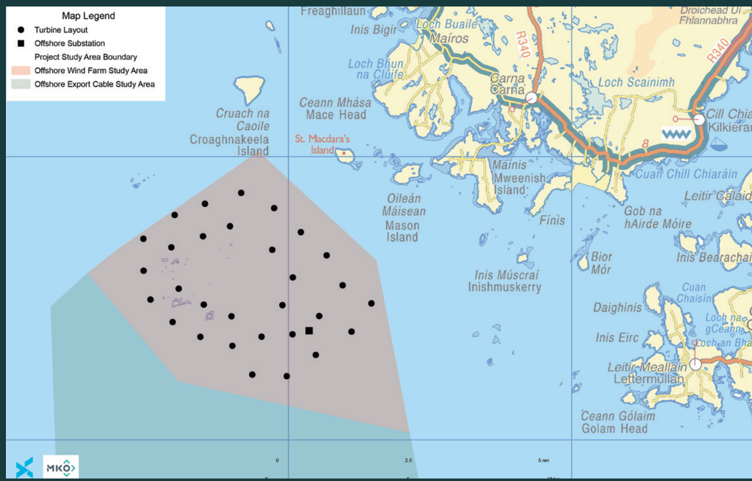
1.75M
1.75 milliún MWh de leictreachas in aghaidh na bliana a sholáthar

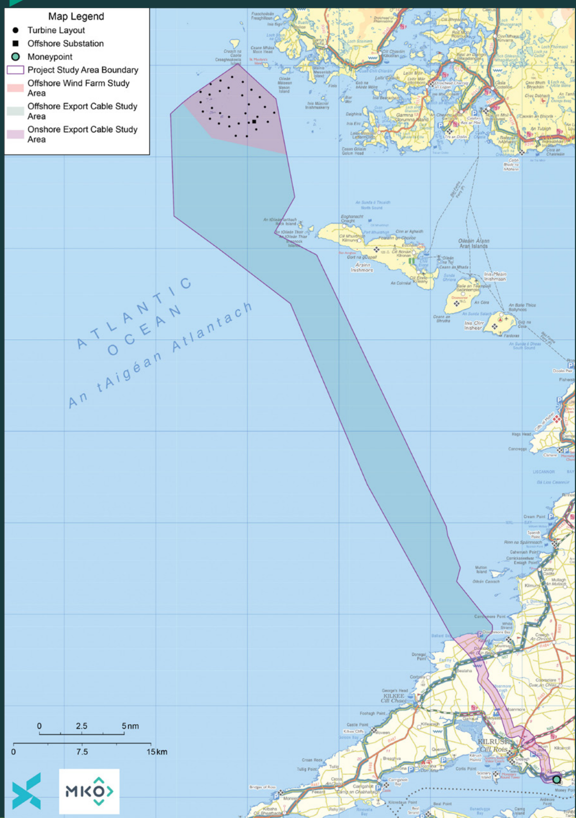
325M
Airde bharr tuirbín suas le 325m

350K
Leictreachas glan, glas chun cumhacht a thabhairt do níos mó ná 350,000 teach in aghaidh na bliana

CÁ HÁIT

- Tá an suíomh suite idir c.5km agus c.12km amach ó chósta Chonamara, Co. na Gaillimhe.
- Is é an lonnaíocht is cóngaraí ná sráidbhaile Charna, thart ar 8km ón suíomh.
- Roghnaíodh an suíomh mar gheall ar a thréithe fabhracha d'fhorbairt gaoithe amach óngcósta le dúshraitheanna seasta.
- Tá sé 5km ón líne chladaigh, ar a laghad.
- Breathnaíodh ar dhoimhneacht uisce suas le 60 m chun dúshraitheanna daingne a éascú.
- Limistéir íogaire chomhshaoil a sheachaint lena n-áirítear Limistéir faoi Chaomhnú Speisialta(SACanna), Limistéir faoi Chosaint Speisialta (SPAanna) agus Limistéir Oidhreachta Náisiúnta (NHAnna).





Bealaí Cábla agus Nascadh Eangaí

- Timpeall 70km de chábla nasctha eangaí le leagan I ngrinneall na farraige.
- Tiocfaidh an cábla nasctha eangaí i dtír siar ó thuaidh ón Dún Beag, Co.an Chláir agusrithfidh sé
- faoin talamh go príomha sa ghréasán bóithre.
- Nasc leis an grid náisiúnta trí cáblá faoi thalamh 23 km le fostáisiún Ghob na Muine igCo anChláir,
- lena n-áiritear Comhdhúil Cúitimh ag Baile Mhic Fhionnáin in aice le Gon na Muine.

CÉN UAIR

Ag deireadh 2022, thug rialtas na hÉireann toiliú Limistéar Muirí d'Fheirm Ghaoithe Amach ón gCósta Charraigeacha Sceirdre, agus ba chloch mhíle shuntasach é sin i bhforbairt an tionscadail.

I mí na Bealtaine 2023, bhí tionscadal Charraigeacha Sceirde ar cheann de cheithre thionscadal ar éirigh leo i gceant náisiúnta ORESS1 lenar ráthaíodh bealach chun margaidh le haghaidh leictreachas arna tháirgeadh ag an tionscadal.

I mí Mheán Fómhair 2023, deonaíodh Ceadúnas Imeall Trá do Charraigeacha Sceirde, rud a d'fhág gurbh fhéidir tuilleadh suirbhéanna muirí riachtanacha a dhéanamh.

COMHAIRLIÚCHÁN COMHPHOBAIL

Beidh ról lárnach ag pobal áitiúil Chonamara i bhforbairt Fheirm Ghaoithe Amach ón gCósta Charraigeacha Sceirdre. Le linn ár gclár fairsing comhairliúcháin pobail, beimid ag plé go minic leis an bpobal agus ag lorg tacaíocht agus comhoibriú áitiúil lena chinntiú go mbeidh rath ar an tionscadal ar son an réigiúin. Beimid ag forbairt seomra comhairliúcháin fhíorúil a bheidh ar fáil ar ár suíomh gréasáin agus ar a mbeidh eolas cuimsitheach agus sonraí faoin tionscadal. Beimid ag oscailt oifig áitiúil sa cheantar ag an bhfoirgneamh gteic i gCarna chomh maith le himeachtaí a eagrú go háitiúil ar léiriú iad ar ghnéithe éagsúla den tionscadal.

Mar chuid dár gclár fairsing comhairliúcháin pobail agus rannpháirtíochta poiblí bhí muid i mbun cumarsáide agus comhoibrithe rialta leis an bpobal i gcoitinne ar na bealaí seo a leanas:

- Teagmháil agus comhoibriú leis an bpobal áitiúil iascaireachta agus mara
- Cruinniú le grúpaí forbartha pobail áitiúla agus le heagraíochtaí deonacha
- Imeachtaí poiblí a óstáil maidir le gnéithe éagsúla den tionscadal
- Seomra taispeántais comhairliúcháin fíorúil ar líne a fhorbairt trínár láithreán gréasáin
- Oifig eolais áitiúil faoin tionscadal a oscailt ag an gteic i gCarna
- Bróisiúr eolais a fhorbairt ar an tionscadal a scaipfear agus a bheidh ar fáil go háitiúil.
- An pobal a choinneáil ar an eolas go leanúnach le nuashonruithe, agallaimh agus preaseisiúintí ar an teilifís, raidió agus sa phreas áitiúil.

TAIRBHÍ EACNAMAÍOCHTA

Tá Fheirm Ghaoithe Charraigeacha Sceirde, bródúil as a bheith in ann bealach a thairiscint chun fostaíocht agus infheistíocht a thabhairt go cósta thiar na hÉireann trí leasa bhaint as an acmhainn shuntasach gaoithe atá ann. Ag obair leis an bpobal áitiúil i gConamara, táimid tiomanta chun fuinneamh níos glaine a sholáthar do mhuintir nahÉireann, chomh maith letacú le fás agus forbairt réigiúnach tríd an infheistíocht a thabharfaidh an tionscadal chuig an réigiún.

Spreagfaidh Feirm Ghaoithe Amach ón gCósta Charraigeacha Sceirdre buntáistí sóisialta agus eacnamaíocha le haghaidh an phobail áitiúil, trí réimse deiseanna fostaíochta agus soláthair áitiúil le linn gach céim den tionscadal.

Go dti deireadh 2023 bhí os cionn € 2 mhilliún caite sa cheantar áitiúil agus i nGaillimh. Cuimsíonn sé seo trasghearradh leathan soláthraithe, conraitheoirí, sainchomhairleoirí, gnólachtaí, an earnáil Mara, agus seirbhísí áitiúla i gConamara agus i mórcheantar na Gaillimhe.

Cuirfear iarratas pleanála le haghaidh an tionscadail faoi bhráid an Bhoird Pleanála **i lár** 2024.

Faoi réir cinneadh dearfach, ba cheart go gcuirfí tús leis an obair thógála in 2026 agus an plean ag feidhmiú go hiomlán faoi 2030.

FOSTAÍOCHT AGUS OILIÚINT

I gcomhpháirtaíocht le Údarás na Gaeltachta, feachfaimid lena chinntiú chun deiseanna oiliúna, fostaíocht agus gairmeacha a chruthú i gceantar Chonamara.

Mar chuid dár gcomhpháirtíocht le Údarás na Gaeltachta, tá Meabhrán Tuisceana comhaontaithe chun an comhoibriú eatarthu a mharcáil go foirmeálta agus an caidrimh oibre eatarthu a neartú.

Tá béim láidir i Straitéis 5 Bhliana Údarás na Gaeltachta ar an inbhuanaitheacht agus tá straitéis An Ghaeltacht Ghlas de chuid Údarás na Gaeltachta dírithe ar an athrú aeráide, an eacnamaíocht ghlas, an geilleagar gorm agus an eacnamaíocht shóisialta.

Le cheile bunóimid agus tacóimid le deiseanna oideachais agus oiliúna sa nGaeltacht, chun fórsa saothair oilte a sholáthar a bheas inniúil ar fhorbairt thograí fuinnimh eischósta agus an earnáil fuinnimh inathnuaithe ar chósta thiar na hÉireann.

TAIRBHÍ AN CHOMHPHOBAIL

Ach an tionscadal a chur i gcrích go hiomlán, ba chóir go mbeadh ciste suntasach leasa pobail níos mó ná €3.5 milliún in aghaidh na bliana ar fáil do ghrúpaí agus d'eagraíochtaí pobail áitiúla. Cuirfear tús leis an gciste a luaithe a chuirfear tús leis an tógáil agus beidh sé in ann tacú le tionscadail agus tionscnaimh incháilithe a bheidh á ndearadh chun an pobal áitiúil a fheabhsú.

€3.5M
in aghaidh na bliana

CISTE SOCHAIR POBAIL

Mar thoradh ar a bheith roghnaithe sa chéad cheant gaoithe amach ón gcósta in Éirinn, d'fhógair Feirm Ghaoithe Charraigeacha Sceirde pleananna chun maoiniú thart ar **€70 milliún** thar 20 bliain a sholáthar do phobail áitiúla trí Chiste Sochair Pobail nua.

Bunófar coiste ciste sochair pobail chun rannpháirtíocht an phobail sa phlean forbartha ciste a éascú agus chun oibriú agus seachadadh rathúil an chiste a chinntiú. Agus é á bhainistiú ag riarthóir ciste neamhspleách, cuideoidh an ciste le tacaíocht a thabhairt do thionscnaimh faoi thionchar an phobail, áiseanna agus taitneamhachtaí pobail a bhfuil géarghá leo, feabhas a chur ar bhonneagar agus ar sheirbhísí i gcomhairle le daoine áitiúla sa cheantar i gcoitinne.

Tá sé mar aidhm ag an gciste a bheith ina uirlis ar mhaithe le hathrú dearfach: Ní hamháin maidir leis an tionscadal agus ar son an athraithe aeráide ach freisin go mbeadh tionchar bunathraitheach ag an gciste sochair pobail taobh istigh den cheantar áitiúil agus de na pobail áitiúla a chruthóidh, ina dhiaidh sin, deiseanna ollmhóra infheistíochta agus gnó áitiúla.

Osclófar an ciste ar bhonn céimnithe a luaithe a thosófar ar thógáil na Feirme Gaoithe agus beidh sé go hiomlán gníomhach nuair a bheidh an tionscadal i bhfeidhm.

I gcás gach meigeavata-uair (MWh) de leictreachas a ghineann an fheirm ghaoithe, cuirfear €2 isteach sa Chiste Sochair Pobail - meastar go mbeidh €70 milliún san iomlán i gceist thar a shaolré. Táthar ag súil go dtacóidh an chuid is mó den chaiteachas seo le soláthróirí agus seirbhísí áitiúla, ag brath ar chineál na scéimeanna a thagann as an gCiste Sochair Pobail.

AN TIMPEALLACHT

Déanfar scagadh comhshaoil fairsing ag gach céim d'fhorbairt an tionscadail d'fhonn aon tionchar diúltach a d'fhéadfadh a bheith ann a sheachaint, a íoslaghdú nó a mhaolú. Tabharfar faoi raon cuimsitheach measúnuithe comhshaoil tuarascálacha agus suirbhéanna, lena dtabharfar aghaidh ar ábhair amhail bithéagsúlacht, (lena n-áirítear éin agus mamaigh mhuirí, timpeallacht bheatach srl..) , tionchair amhairc, loingeas agus loingseoireacht, agus tosca comhshaoil eile. Áireofar iad seo i dTuarascáil um Measúnacht Tionchair Timpeallachta agus i dTuarascáil Tionchair Nádúrtha a chuirfear isteach agus a fhoilseofar mar chuid d'iarratas pleanála Fheirm Ghaoithe Amach ón gCósta Charraigeacha Sceirdre. Tá cuid de na príomhshuirbhéanna atá á ndéanamh leagtha amach thíos;

SUIRBHÉANNA AMACH ÓN GCÓSTA

- Geoifisiceach agus Geoiteicniúil
- Beantach
- Suirbhéanna ar Éin agus Mamaigh
- Meit-aigéan
- Trácht mara
- Muirdhreach, Tírdhreach agus Taitneamhacht Amhairc

SUIRBHÉANNA AR TIR

- Éiceolaíocht Talún
- Seandálaíoch
- Réamhshuirbhé Timpeallachta
- Suirbhéanna Bonnlíne Torainn
- Tírdhreach agus Amharc

TUILLEADH EOLAIS

Tá foireann Fheirm Ghaoithe Amach ón gCósta Charraigeacha Sceirdre tiomanta do bheith ag obair leis an bpobal áitiúil agus leis na páirtithe leasmhara go léir. Tabharfar faoi chlár fairsing de chomhairliúchán pobail agus rannpháirtíocht phoiblí le linn gach céim den tionscadal. Páirtí leasmhar dár gcuid agus an bainisteoir idirchaidrimh pobail atá againn, Michael Cloherty, tá sé lonnaithe go háitiúil agus é ag obair leis an bpobal i rith fhorbairt an tionscadail.

Chun tuilleadh eolais a fháil, téigh i dteagmháil le Michael ag:

Oifig Eolas Sceirde Rocks
Gteic Charna,
Ionad Fiontar
Carna
Co. na Gaillimhe.
H91VAF8

enquiries@sceirderockswindfarm.ie

095-49009

Féach freisin www.sceirderockswindfarm.ie

SCEIRDE ROCKS WINDFARM

POWERING THE REGION WITH AFFORDABLE, CLEAN AND GREEN ENERGY

SCEIRDE ROCKS WINDFARM
Feirm Ghaoithe Charraigeacha Sceirde

TABLE OF CONTENTS

3 Renewable energy generated from offshore wind in Connemara
3 Why offshore wind
3 What size
4 Where
4 When
5 Community consultation
5 Economic benefits
6 Employment and Training
6 Community Benefit Fund
6 Community benefits
7 The environment
8 More information

RENEWABLE ENERGY GENERATED FROM OFFSHORE WIND IN CONNEMARA, COUNTY GALWAY

The Sceirde Rocks Windfarm will be one of the largest ever infrastructure projects in the Connemara region. Located between five and twelve km off the west coast, near Carna, it is expected to become the first commercial-scale offshore windfarm on Europe's Atlantic margin.

Delivery of clean energy for homes and businesses

Providing economic development and job opportunities

Helping Ireland reach its national 2030 climate goals

WHY OFFSHORE WIND

Ireland has a goal to produce 80% of its energy using renewable sources by 2030, To achieve this, over 5 GW of offshore wind energy is expected to be developed by the end of the decade. These targets will reduce carbon emissions, help to meet increasing domestic electricity demand and strengthen energy security.

WHAT SIZE

Sceirde Rocks is set to be the first offshore windfarm on Ireland's west coast. The proposed project will have a capacity of up to 450 megawatts, providing enough electricity to supply more than 350,000 Irish homes.

30
Up to 30 turbines with fixed foundations

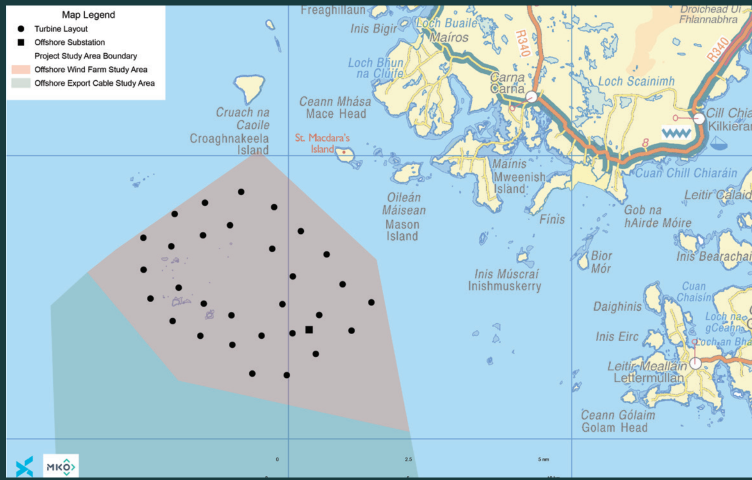
1.75M
Delivering 1.75 million MWh of clean electricity per year

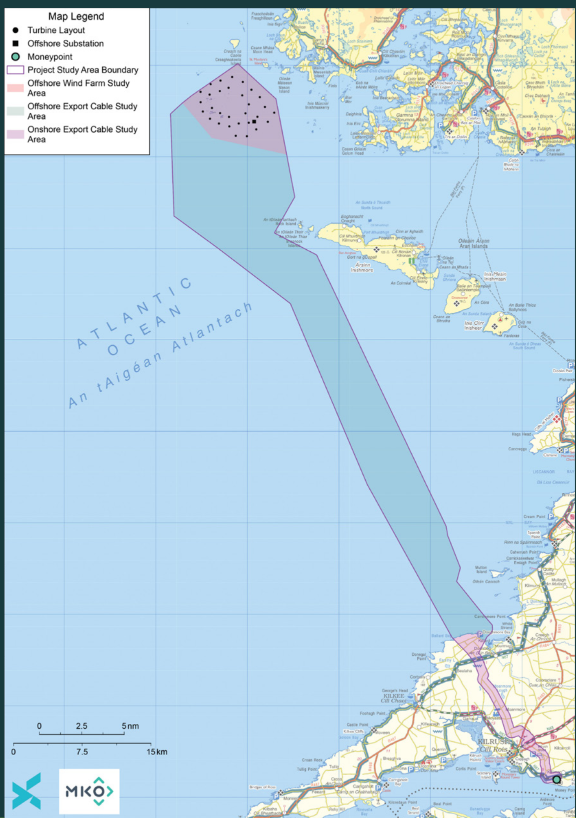
325M
Up to 325 m turbine tip height

350K
Supply 350,000 homes with green electricity

WHERE

- The site is located between c.5km and c.12 km off the coast of Connemara, Co.Galway.
- The closest settlement is Carna village, approx. 8km from the site.
- The site has been selected due to its favourable characteristics for fixed bottom offshore wind development.
- Distance from the shoreline of at least 5 km.
- Water depths of up to 60 m were considered to facilitate fixed-bottom foundations.
- Avoidance of environmentally sensitive areas including Special Areas of Conservation (SAC's),Special Protection Areas (SPA's) and National Heritage Areas (NHA's).





Cable Route and Grid Connection

- Approximately 70km of grid connection cable to be laid in the seabed.
- Grid connection cable will come ashore northwest of Doonbeg, Co. Clare and run underground predominantly in the road network.
- Connection to the national grid via a 220kV substation near Moneypoint, Co. Clare including a Compensation compound at Ballmacrinnan near moneypoint.
- Avoidance of environmentally sensitive areas including Special Areas of Conservation (SAC's),Special Protection Areas (SPA's) and National Heritage Areas (NHA's).

WHEN

At the end of 2022, the Sceirde Rocks Windfarm was granted Maritime Area Consent by the Irish government, a significant milestone in the project's development.

In May 2023 the Sceirde Rocks project was one of four projects successful in the national ORESS1 auction guaranteeing a route to market for electricity produced by the project.

In September 2023 Sceirde Rocks was granted a Foreshore Licence which enabled further necessary marine surveys to be carried out.

COMMUNITY CONSULTATION

The local Connemara community will play an integral role in the development of the Sceirde Rocks Windfarm. During our extensive community consultation program, we will engage frequently with the public and seek local support and cooperation to ensure the project's success for the region. We will be developing a virtual consultation room available to view on our website with extensive information and details about the project. We will also be opening a local office in the area at the gteic building in Carna as well as organising events locally highlighting various aspects of the project.

As part of our extensive programme of community consultation and public engagement we have engaged in regular communication and co-operation with the wider community by

- Engaging and cooperating with the local fishing and marine community
- Meeting with local community development groups and voluntary organisations
- Hosting public events around different aspects of the project
- Developing an online virtual consultation exhibition room through our website
- Opening a local project information office at the gteic in Carna
- Developing an information brochure on the project that is circulated and available locally.
- Continually updating the public with updates, interviews and press releases in local TV, Radio and press.

ECONOMIC BENEFITS

Sceirde Rocks Offshore Windfarm is proud to be able to offer a way to bring employment and investment to the west coast of Ireland by harnessing its significant wind resource. Working with the local community in Connemara, we are committed to delivering cleaner energy to the Irish people, as well as supporting regional growth and development through the investment the project will bring to the region

The Sceirde Rocks Offshore Windfarm will drive social and economic benefits for the local community, through a range of employment and local supply chain opportunities during all phases of the project.

By the end of 2023 over € 2 million has been spent in the local and wider Galway area. This includes a wide cross section of suppliers, contractors, consultants, the marine industry, local businesses and services within the Connemara and wider Galway area.

A planning application for the project will be submitted to An Bord Pleanála in the middle of 2024.

Subject to a positive decision, work on construction should commence in 2026 with the plan to be fully operational by 2030.

EMPLOYMENT AND TRAINING

In partnership with Údarás na Gaeltachta, Sceirde Rocks Offshore Windfarm will look to ensure that the project brings training, employment and longterm career opportunities to the Connemara region.

As part of our partnership, we have signed a Memorandum of Understanding (MoU) to formally collaborate and further strengthen our ongoing working relationship.

Údarás Na Gaeltachta launched its strategic plan in 2021 that includes initiatives relating to climate change, the green economy, the blue economy and the social economy.

Together with Údarás na Gaeltachta we will establish and support education and training initiatives within the Gaeltacht & Connemara region to provide a skilled workforce to support the deployment of offshore wind projects and the renewable energy industry on the west coast.

COMMUNITY BENEFITS

If the project is fully realised, a significant community benefit fund of over €3.5 million per annum should be available to local community groups and organisations. The fund will start as soon as construction commences and will be able to support eligible projects and initiatives designed to enhance the local community.

€3.5M
per annum

COMMUNITY BENEFITS FUND

As a result of being successful in Ireland's first offshore wind auction, the Sceirde Rocks Windfarm announced an estimated **€70 million** of funding over 20 years to local communities through a new Community Benefit Fund.

A community benefit fund committee will be established to facilitate community participation in the fund development plan and to ensure successful operation and delivery of the fund. Managed by an independent fund administrator, the fund will help support community-driven initiatives, much needed community facilities and amenities, improve infrastructure and services in consultation with local people in the wider area.

The fund aims to be a force for positive change: Not only around the project and climate change but also for the community benefit fund to have a transformative effect within the local area and communities which in turn will bring huge local investment and business opportunities.

The fund will open on a phased basis as soon as construction of the Windfarm commences and will become fully active once the project becomes operational.

For every megawatt-hour (MWh) of electricity generated by the wind farm, €2 will be put into the Community Benefit Fund - expected to total €70 million over its lifetime. It is expected that most of this spend will support local suppliers and services, depending on the nature of the schemes that derive from the Community Benefit Fund.

THE ENVIRONMENT

Extensive environmental screening will be carried out during all stages of project development in order to avoid, minimise or mitigate any potential negative impacts. A comprehensive range of environmental assessments, reports and surveys will be undertaken, addressing topics such as biodiversity (including birds and marine mammals, benthic environment etc), visual impacts, shipping and navigation, and other environmental factors. These will be included in an Environmental Impact Assessment Report and Natural Impact Report that will be submitted and published as part of the Sceirde Rocks Windfarm planning application. Some of the key surveys being carried out are;

OFFSHORE

- Geophysical & Geotechnical
- Benthic
- Birds and Mammal Surveys
- Metocean
- Marine traffic
- Seascape, Landscape and visual amenity

ONSHORE

- Terrestrial Ecology
- Archeology
- Environmental Walkover
- Baseline Noise Surveys
- Landscape and Visual

MORE INFORMATION

The Sceirde Rocks Windfarm team is committed to working with the local community and all stakeholders. An extensive programme of community consultation and public engagement will be undertaken during all phases of the project. Our locally based stakeholder and community liaison manager Michael Cloherty is working with the community throughout the project's development.

For further information, please contact Michael at:

Oifig Eolas Sceirde Rocks
Gteic Charna,
Ionad Fiontar
Carna
Co. Galway.
H91VAF8

enquiries@sceirderockswindfarm.ie

095-49009

See also www.sceirderockswindfarm.ie