



EirGrid Biodiversity Actions

Robert Fennelly, EirGrid Lead Ecologist
Robert.Fennelly@eirgrid.com

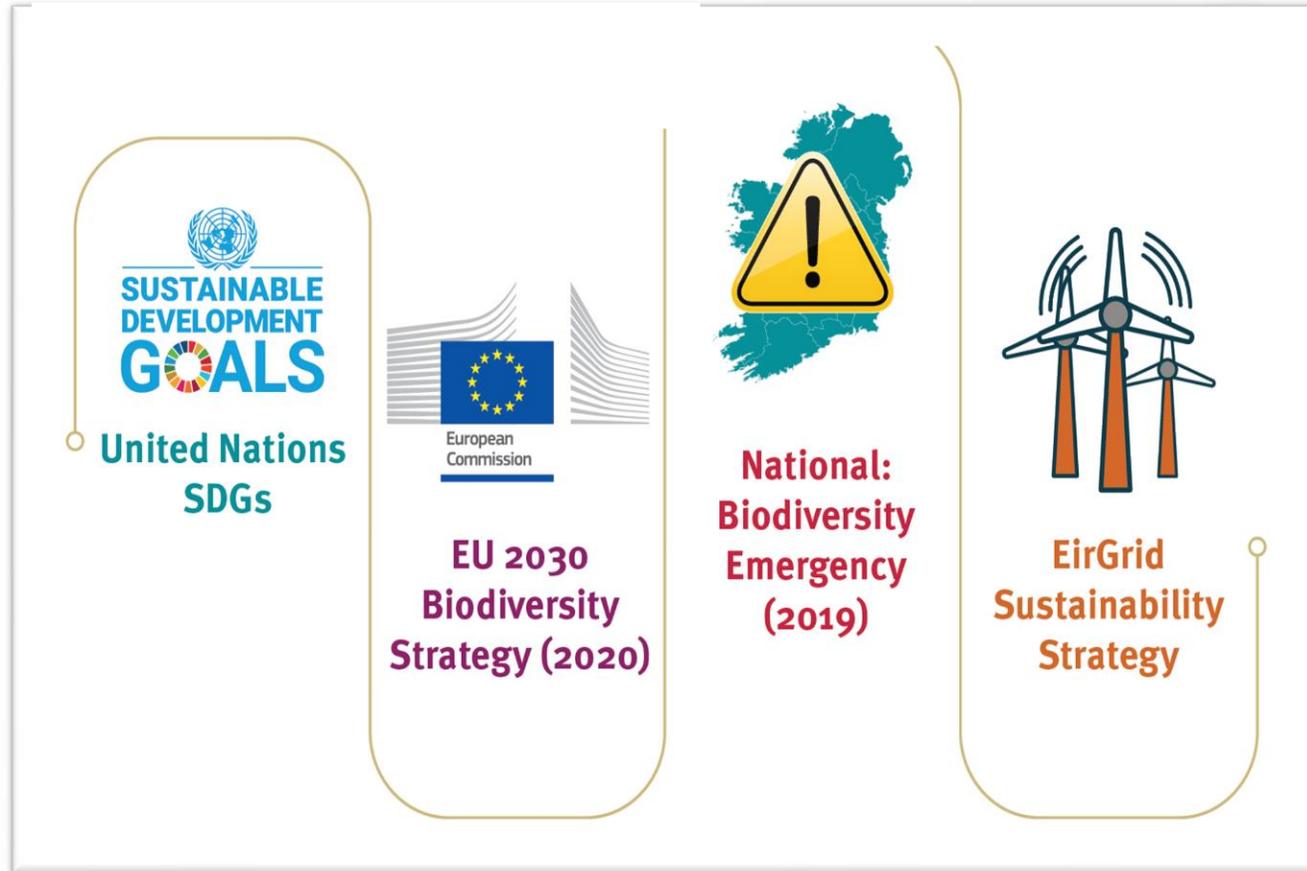
October 2022



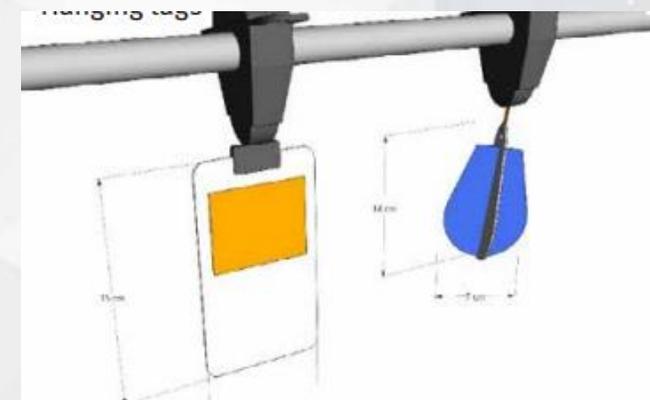
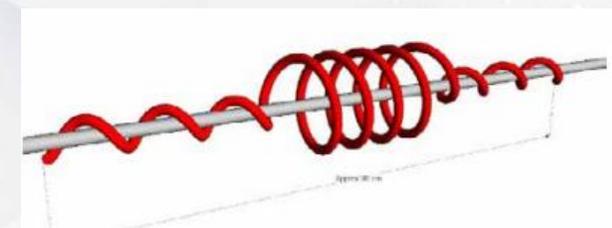
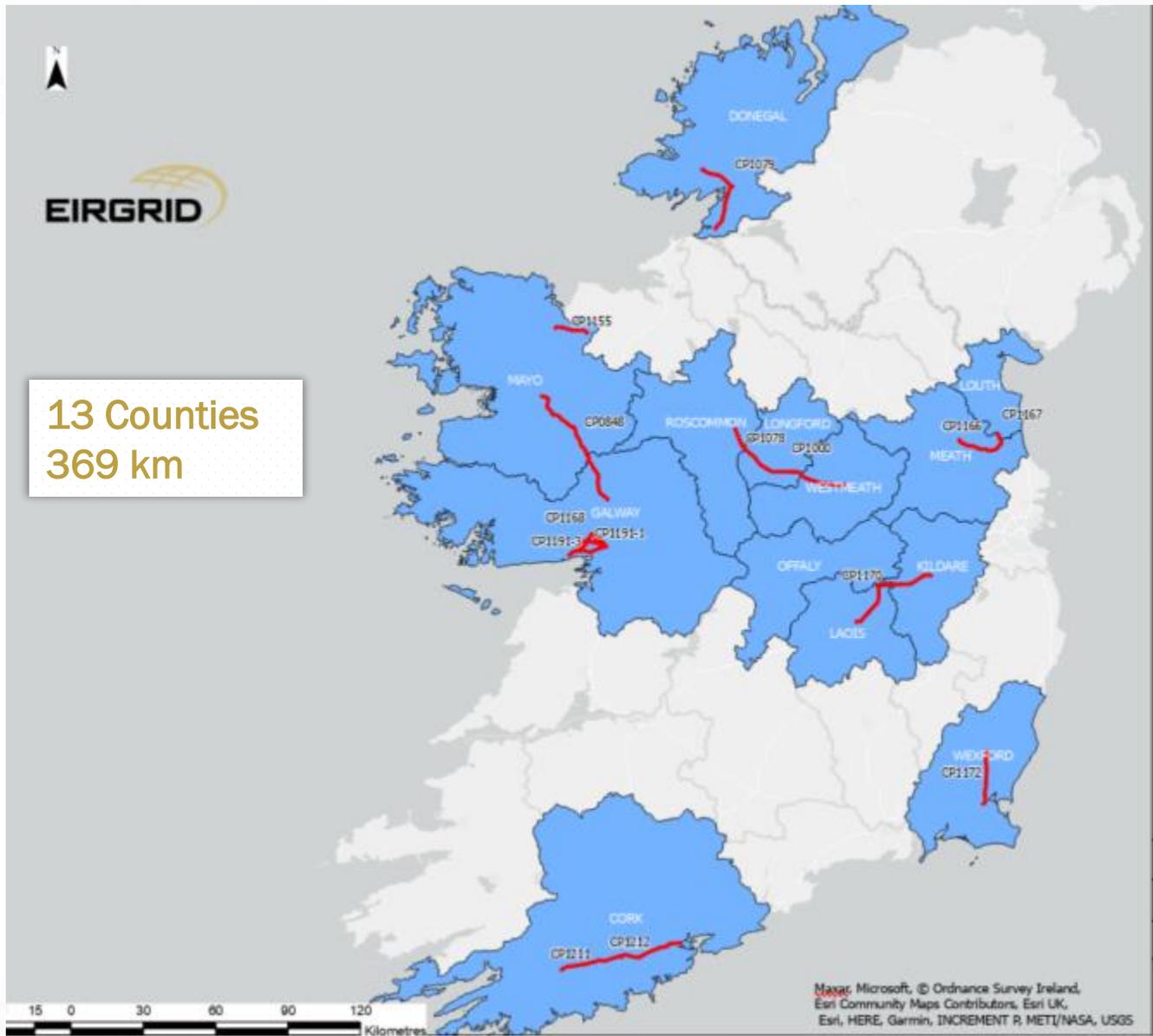
EirGrid Biodiversity Action

- Policy Imperative for Action
- Action – Bird Strike with Overhead Lines: Diverter Retrofit
- Action – Biodiversity Enhancement: Underground Cables, Stations
- Action – EWIC Biodiversity Action Plan, Co. Meath
- Action – Nature Inclusive Design on Offshore Grid

Policy Imperative for Action



Action – Retrofitting Bird Diverters on OHL



Action – Underground Cables/Stations

Habitat Creation Site at Trien Substation (Kerry)



Habitat Creation Area at Trien



Sampling Plot in Habitat Creation Area at Trien



Donor Site for Green Hay at Trien



Collecting Green Hay



Stakeholder engagement



Trees on the Land

EWIC Biodiversity Project Drivers



Project Timeline



EWIC Biodiversity Action Plan Biodiversity Actions 2019-2023



In collaboration with



*Yellow rattle seed is the only commercial seed sown at the site.
Maxar, Microsoft, © Ordnance Survey Ireland, Esri Community Maps Contributors, Esri UK, Esri, HERE, Garmin, INCREMENT P, METI/NASA, USGS

Contact: Robert Fennelly, EirGrid Senior Ecologist
robert.fennelly@eirgrid.com



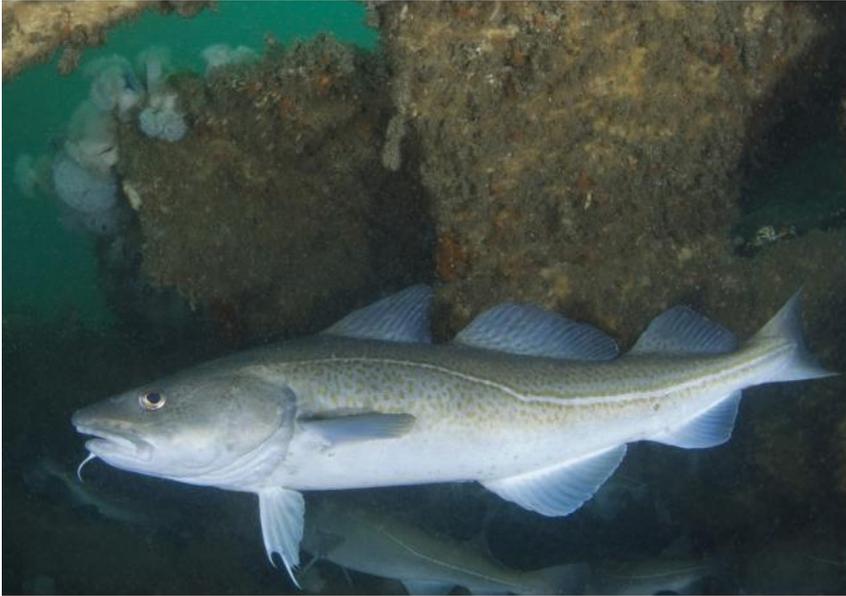
East West Interconnector Site Location
Portain / Woodland, Co. Meath



Nature Inclusive Design on Offshore Grid

Witteveen Bos

WAGENINGEN
UNIVERSITY & RESEARCH



Nature-Inclusive Design: a catalogue for offshore wind infrastructure

Technical report

The Ministry of Agriculture, Nature and Food Quality

17 March 2020

Optimized scour protection layer Fish hotel (WUR)

Policy-relevant species



Atlantic cod (*Gadus morhua*)



Juvenile poor cod (*Trisopterus minutus*)

Commercial species



European lobster (*Homarus gammarus*)

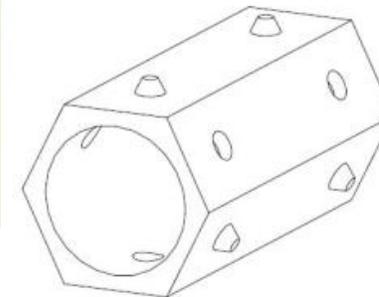


Edible crab (*Cancer pagurus*)



©Reindert Nijland

Prof. Dr. Tinka Murk and Dr. Reindert Nijland (Wageningen University & Research) placed an artificial reef in the Haringvliet estuary to offer a hiding place for juvenile fish.



3D VIEW FISH HOTEL (WUR)

Optimized cable protection ECO Mats®

Policy-relevant species



European flat oyster (*Ostrea edulis*)



© EConcrete techn

| 240 | | 300 |

Thank You

