

ECHOES Operation

Marine and Coastal Projects in Wales & Ireland –
what's going on now?

Dr Crona Hodges



ECHOES

Effect of climate change on bird habitats around the Irish Sea
Effaith Newid Hinsawdd ar Gynefinoedd Adar o gwmpas Môr Iwerddon



Presentation Outline



- Project funding and overview
- Progress to date
- An eye to the future
- How to get in touch



Funding



The project is funded through the [Ireland-Wales Programme 2014-2020](#), part of the [European Regional Development Fund](#), which focusses on seeking solutions to shared challenges on both sides of the Irish Sea.



Project Partners



Ireland



Climate change projections, online decision support tools and information platforms, habitat mapping, regional land cover modelling, UAV data analysis and GIS.



Data management, machine learning, Earth Observation, habitat mapping, citizen science and online tools and platform development

Wales



Administration of EU funded projects, species distribution modelling, mudflats and saltmarsh ecology, bird surveys, habitat mapping, regional land cover modelling, UAV surveys, Earth Observation. They are also the lead partner.



Project management and coordination, habitat mapping using Earth Observation, online tools and platform development, citizen science, UAV data analysis, GIS, stakeholder engagement, conservation planning, outreach and communications



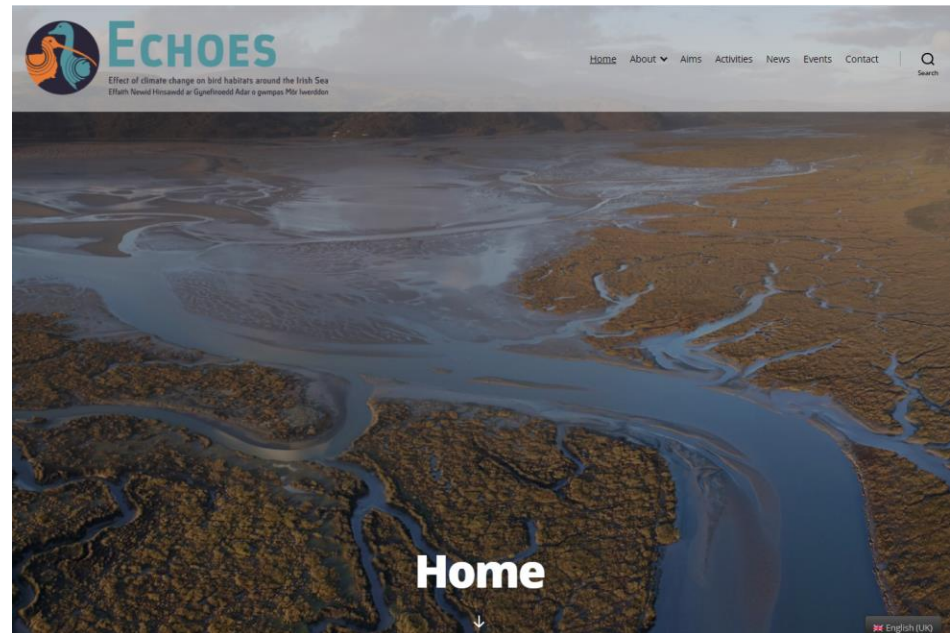
Avian ecology, bird surveys, bird tracking and innovative technology and approaches and conservation planning.

More info at:
Echoesproj.eu

ECHOES Website



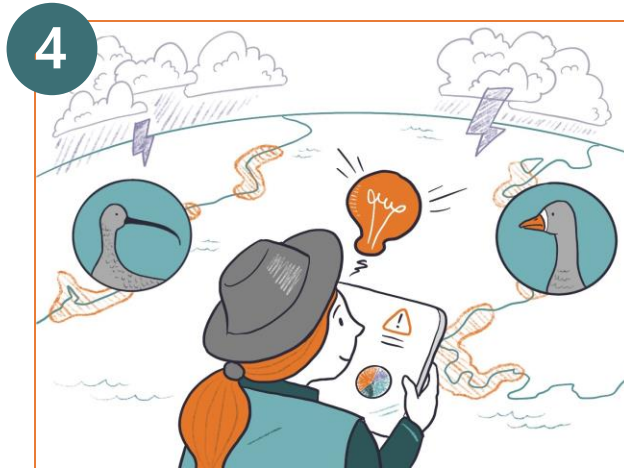
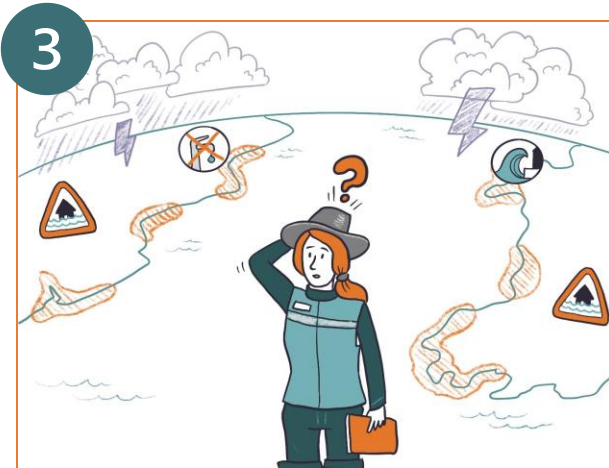
More info at:
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Stakeholders



Project Overview



ECHOES Objectives



Increasing levels of knowledge of adaptation to climate change amongst communities and stakeholders in the Irish Sea coastlines



This has been broken down into four separate but related Operation objectives.

ECHOES Objectives



Awareness



Study



Evidence



Tools

Progress to date



- Tools and platform – prototype developed, initial engagement with users
- Species Distribution Modelling using existing datasets on national scale
- Ringing and tagging of birds in Wales
- Goose faecal work in both Wales and Ireland
- Satellite habitat mapping in Ireland
- School engagement in Wales

An eye to the future



- Engagement with potential users of our tools and platform to ensure they support habitat management decisions with respect to areas that are vulnerable to climate change impacts.
- Engagement with interested parties to reach out to and/or collaborate with on awareness raising campaigns with stakeholders along the coast.
- Further work on tagging on birds, species distribution modelling, habitat mapping and understanding habitat vulnerability along the coast.

Keep in touch



Please visit
<https://echoesproj.eu/news/>
to see our blogs from
various work packages plus
a special report on our
launch event illustrator
Laura Sorvala.

Laura Sorvala

Illustrator at Laura Sorvala Illustration & Graphic Recording



Laura Sorvala. Photo by Paul Sherwood.

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Thank you for watching!



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