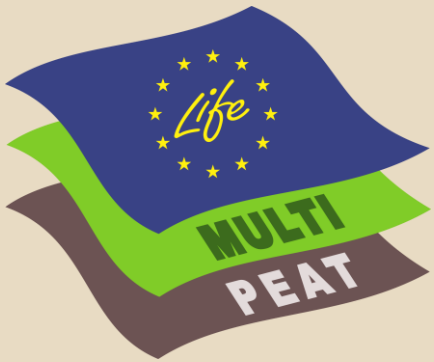




Resources and Tools of the European Peatland Policy Portal

Power to the Peatlands Conference

Workshop Session: The European Peatland Policy Portal



Al Waskow, 2. Sept. 2026



**Co-funded by
the European Union**



Outline

- Resources
 - **Policy Collection**
 - **Peatland & Policy Map**
 - **Peatland Factsheets**
 - Project Collection
 - Project Map
 - Best Practise Page
- Tools
 - **Policy RAG Tool**
 - **Key Metrics Analyser**
 - Site Emissions Tool
 - Financial Feasibility and Pricing Tool





Link to the Portal



PeatlandPolicyPortal.eu





- 
- OLLSCOIL NA
GAILLIMHE
UNIVERSITY
OF GALWAY

4



OLLSCOIL NA
GAILLIMHE
UNIVERSITY
OF GALWAY

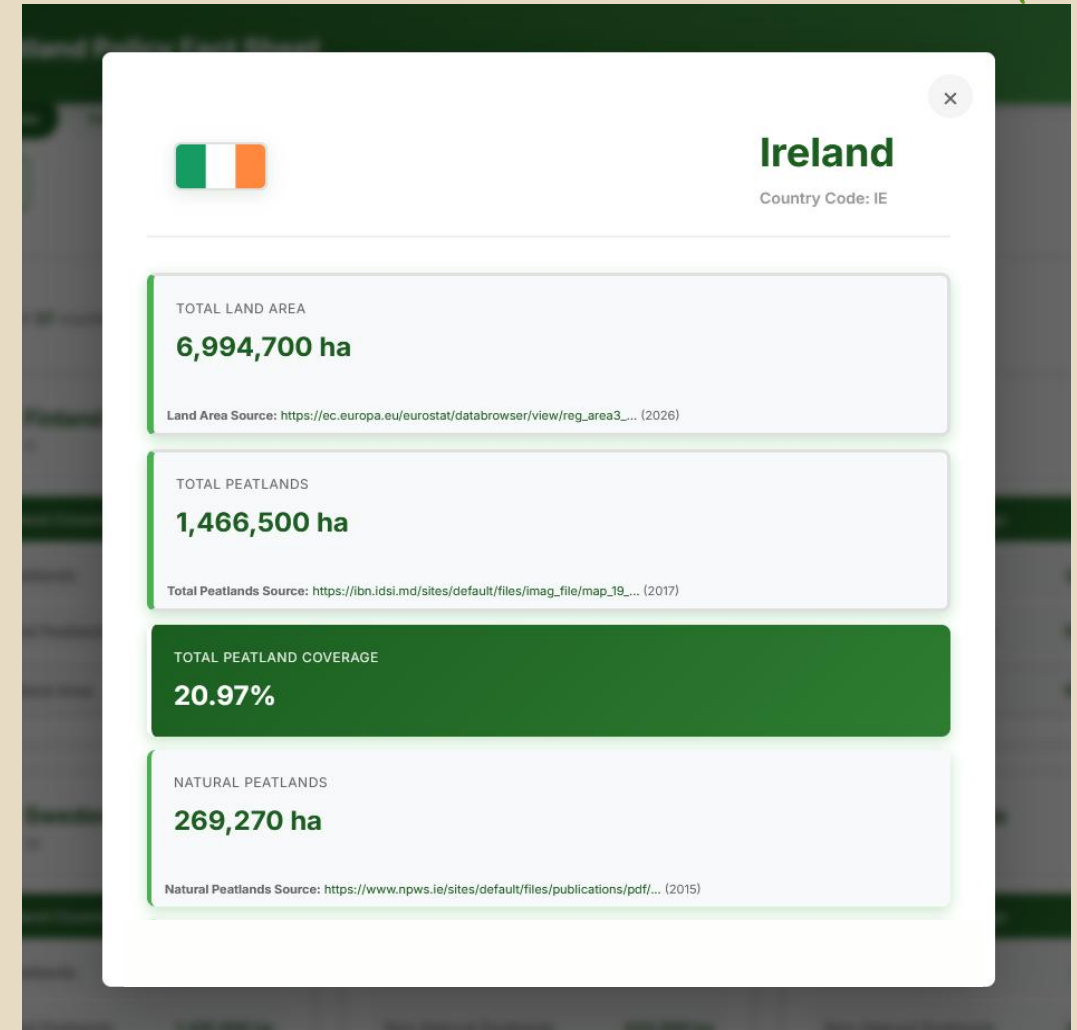
Peatland Policy Map

- Map view of Policy Collection
 - Georeferenced policies
- Peatlands and peat soils across Europe
- A click retrieves:
 - Information about the peat data
 - Policies which affect that point



Peatland Factsheets

- Key peatland coverage facts for countries
- Values for natural, extracted, afforested, and agricultural peatlands
 - Including figure source and date
- Narrative summaries provided by Wetlands International



Project Collection



- European-based projects affecting peatlands
- Mostly LIFE projects so far
- Includes project name, code, dates, and project sites
- Searchable

Project Collection

On this page you can explore our collection of European peatland projects.

Clear

LIFE Mires Estonia
LIFE14 NAT/EE/000126

[Project Page](#) Duration: 2014 — 2021/12/31

ASSOCIATED SITES

- Tudusoo
- Sirtsu
- Ohpalu
- Lahemaa
- Agusalu
- Alam-Pedja

LIFE IP Wild Atlantic Nature
LIFE18 IPE/IE/000002

Hydrology LIFE
LIFE16 NAT/FI/000583

LIFE for MIREs
LIFE17 NAT/CZ/000452

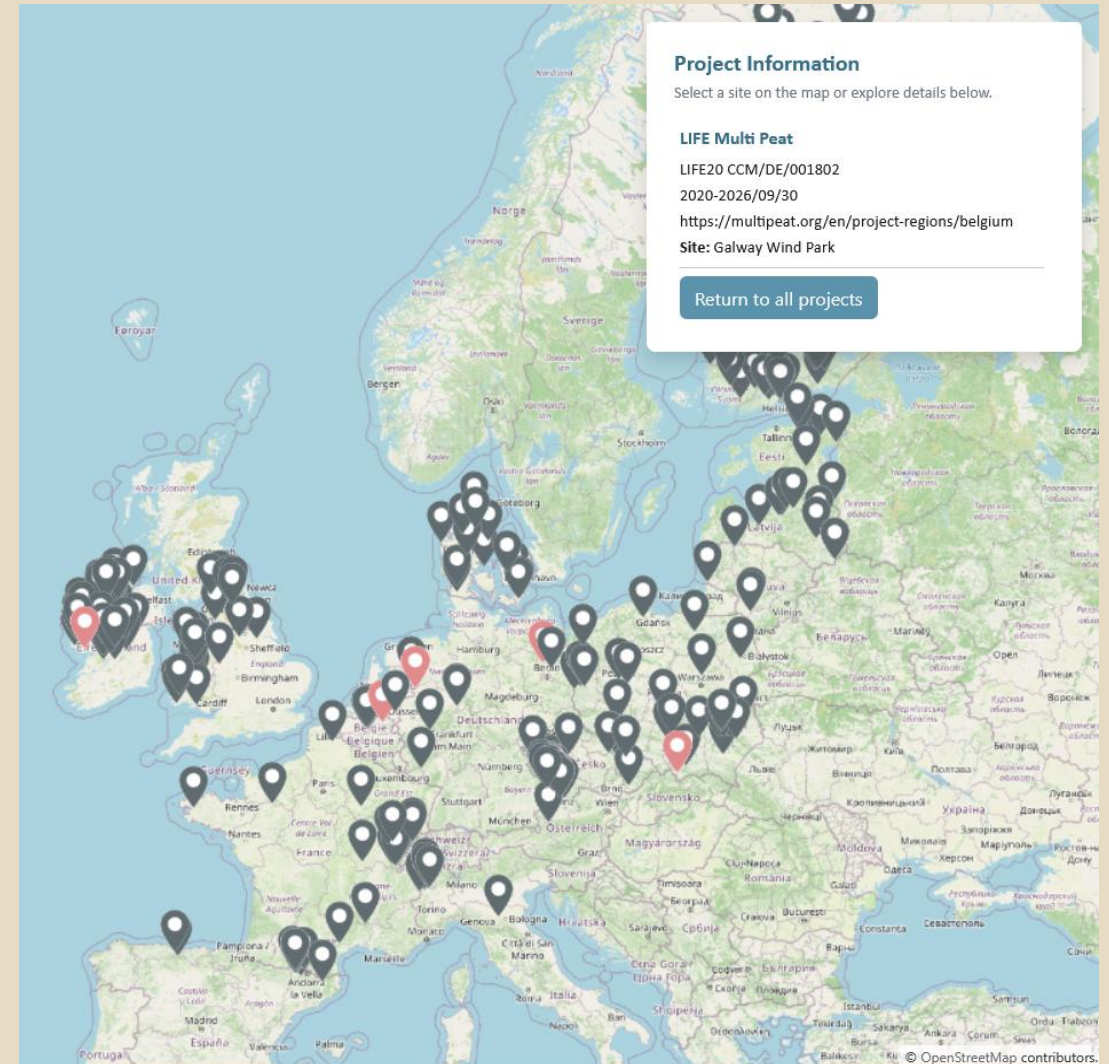
LIFEquake
LIFE20 NAT/UK/000137





Project Map

- Map view of the Project Collection
- Clicking on the project list
 - Highlights all sites in that project
- Clicking on a site icon
 - Highlights the project it is a part of
 - Highlights all other sites in that project





Best Practise Page

- Collection of textual resources
 - General Policy
 - Restoration
 - Standards
 - Glossary
 - Factsheets

Best Practise Resources

Selected resources for effective peatland policy and restoration.

General Policy	Restoration	Standards
Policy Handbook: A 'Real-World' Guide to Policy Development Government of Ireland, 2025	Evidence Synthesis and Knowledge Integration for Sustainable Peatland Management Flood et al., 2025 Best Practice Book for Peatland Restoration and Climate Change Mitigation LIFE Peat Restore, 2021	Peatland Glossary Peat Hub Ireland, 2025 Publications and Factsheets Peat Hub Ireland, 2025 Handbook for Assessment of Greenhouse Gas Emissions from Peatlands LIFE Peat Restore, 2022



Policy RAG Tool

- Retrieval-Augmented Generation (RAG)
- User asks a question in any EU language
- Tool can retrieve answers from any policy in the Policy Collection
- Generates an answer from policy text
- Also returns policies whose content is included in the response

 **Ask a Peatland Policy Question**
Smart multilingual policy discovery with powerful filters and hybrid reasoning.

Language

All

Category

All

Country

All

Governance Level

All

Type your policy question...

Ask

Or try:

EU Peatland Strategy

Restoration Barriers

National vs Regional Policy

Answer with Reasoning

Question: How is paludiculture being enabled across European policies?

Summary: This question pertains to understanding how paludiculture, a peatland-based agricultural practice, is being facilitated within European policies.

Answer:

European Union's Common Agricultural Policy (GAP)

The Common Agricultural Policy of the European Union recognizes and supports site-specific management forms such as paludiculture (Section 1).

Mecklenburg-Western Pomerania Implementation of Paludiculture on Agricultural Land

Efforts are being made to establish a secure legal framework for the development of paludiculture, ensuring that neither fields used for paludiculture nor the establishment of paludicultures on grassland will result in a loss of eligibility for subsidies or be considered as land conversion (Section 2).

Brandenburg Climate Plan

The Brandenburg Climate Plan focuses on implementing products from paludiculture in agriculture. Opportunities for market entry support and the development of stable production chains or consistent marketing structures are being explored (Section 3).

German Arable Farming Strategy

The German Arable Farming Strategy is integrated into the broader agricultural context, which includes strategies, action plans, and programs at the EU, federal, and BMEL.



Al Waskow, 2. Sept. 2026

10





Co-funded by
the European Union



Key Metrics Analyser

- Uses Analytical AI to identify key metrics
 - i.e. metrics that can be used to evaluate the delivery or impact of a policy
- **Metric Levels:** Policy Action, Policy Outcome, Unsure
- **Metric Classes:** Area, Emissions, Environment Quality, Knowledge Resource, Practical Resource, Policy Action, Site Status, Spending, Miscellaneous

KMA Viewer

KEY METRIC ANALYSER

[Click Here](#) to learn about the AI

LEVELS

- All Chunks 2000
- Policy Action 938
- Policy Outcome 291
- Unsure 771

CLASSES

- Area 88
- Emissions 33
- Environment Quality 194
- Knowledge Resource 283
- Miscellaneous 821
- Policy Action 221

Westmeath County Development Plan 2021-2027

Policy Profile Ireland 2021-2027 Local 4418 chunks

Page 26

Policy Outcome Area

As such it states that within the Eastern and Midlands Region, 30% of all housing outside of Dublin City and its suburb footprints are to be delivered within existing urban footprints.

Lv 42% CI 22%

[View in PDF](#)

Page 28

Policy Outcome Area

In relation to Westmeath, the Settlement Strategy for the region designates Athlone as a Regional Growth Centre and aims to promote Athlone's sustainable and compact growth by setting the town a target population of 30,000 up to 2031.

Lv 62% CI 29%

[View in PDF](#)

Page 33

Policy Outcome Area

To promote the delivery of at least 30% of all new homes that are targeted in settlements within their existing built-up footprints.

Lv 51% CI 26%

[View in PDF](#)



Site Emissions Tool



- Calculates GHG emissions of a managed peatland before/after rewetting
- Originally developed in the Carbon Connects project
- Transformed from XLSM sheet to webapp for usability and accessibility

Site Emissions Tool

This tool calculates the greenhouse gas emissions of managed wetland areas at both their baseline state of operations and after a proposed rewetting or restoration scheme.

Disclaimer: The results calculated by this tool are not a guarantee. If you would like to learn about the logic behind our calculations, please see the [original](#) XLSM version of the tool and the [user manual](#).

* denotes required field.

Test Site

Total area in ha. * 5

Coordinates [-56, 100]

Elevation (m) 30

Peat type * Woody

Peat thickness (cm) 50

Year rewetting started 2025

Groundwater and Vegetation

Fertiliser Use



Financial Feasibility and Pricing Tool

- Estimates the financial feasibility of a peatland rewetting project
 - Income based solely on carbon credits
 - Links in with SET Tool's output
- Originally developed in the Care Peat project
- Adapted from XLSX sheet to webapp for usability and accessibility

Feasibility & Pricing Tool for Carbon Farming

This tool estimates the financial feasibility of peatland restoration projects through the sale of carbon credits.

Disclaimer: The results calculated by this tool are not a guarantee. If you would like to learn about the logic behind our calculations, please see the [original XLSX version](#) and [explanatory document](#) [see Appendix A].

Start year	2025	Selling price of a carbon credit (€)	80
Project duration (years)	50	Cost of generating each credit (€)	39.90
Avg. credits/ha/annum	300	Credits generated by restoration	750
Hectares of potential restoration	5	Profitable?	YES
Investment / Financial inputs (€)	74700	Profit per carbon credit (€)	4.39
Interest on finance included	☒	Profit per hectare per year (€)	131.70
Registry costs included	☒	Profit across project duration (€)	32,926

Additional values used in the tool

View complete results

Export results and assumptions

MORE INPUTS

DETAILED RESULTS

DOWNLOAD CSV

This tool was developed by Konstantinos Tzoulas, Christopher Field, and Niall Ó Brolcháin.

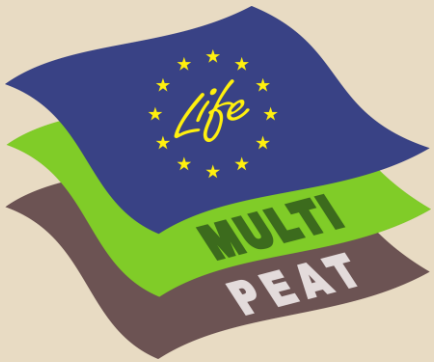
Interreg North-West Europe Care-Peat

Insight

QLLSCOIL NA GAILLIMHE UNIVERSITY OF GALWAY

Manchester Metropolitan University





Thank you!



ASPECT Unit, University of Galway

Al Waskow

Margaret.Waskow@UniversityOfGalway.ie

Learn more at: [**www.multipeat.org**](http://www.multipeat.org)

Or subscribe to the
Peatland Post

