

Uisce Éireann Biodiversity and Native Woodland Programme

David Fallon

Uisce Éireann Biodiversity



Woodlands
of Ireland

Contents/ Agenda

1 Uisce Éireann Introduction

2 Uisce Éireann Biodiversity Action Plan

3 Nature Based Solutions

4 Lough Guitane Riparian Woodland

5 Uisce Éireann woodland establishment

7 Summary

- **Water and waste water services to 80% (3.3 million people) of the population**
- **1.7 billion liters of drinking water each day**
- **1000 locations where water is abstracted**



Uisce Éireann Biodiversity Action Plan: 7 Key Objectives

1. All Uisce Éireann sites will be issued with a clear set of measures that will enhance and protect biodiversity.
2. Implement actions arising from the All Ireland Pollinator Plan across all Uisce Éireann sites.
3. Raise awareness and appreciation of biodiversity, within Uisce Éireann and its partners.
4. Promote the use of Nature Based Solutions.
5. Ensure "no net loss" of biodiversity in carrying out our activities, plans or projects.
6. Management of invasive alien species on Uisce Éireann sites.
7. Collaborate with external stakeholders regarding biodiversity issues



Uisce Éireann BAP Objective No 5

- Promote the use of nature-based solutions for water protection and wastewater treatment



Integrated Constructed Wetlands

Sludge Drying Reedbeds

Reedbed Polishing Filter

Nature Based Solutions: Native Woodland Planted to protect watercourses

- Increase in native woodland planting on third party lands.
- Upstream of UÉ Intakes
- Result in direct positive impact on water quality and therefore reduced treatment costs



Established and planned native woodlands

2024 - 28 sites around the country
already planted
32 sites planned



Lough Guitane

- 2020 -1 site selected to trial native woodland establishment
- Lough Guitane, Co Kerry
- 5.27 ha

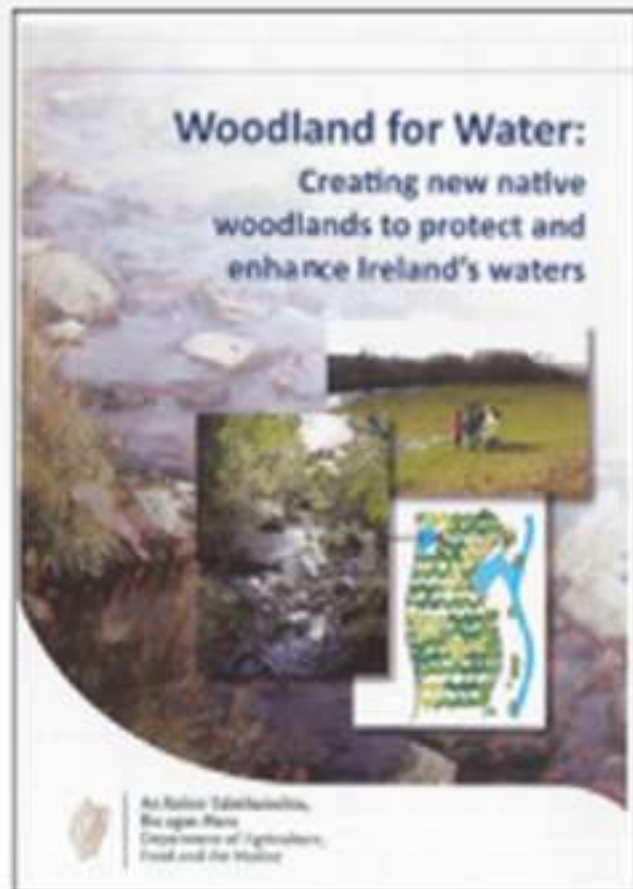








Nature Based Solutions: Native Woodland Planting



DAFM offers grants to plant trees which will aid in water protection



Lough Guitane Riparian Woodland



- 2020 -working in Partnership with DAFM and Greenbelt Forestry and Kerry county Council
- 2020 – approval
- 2021 – planting 18,500 native trees
- 2024 – Approval for 23ha
- Objectives – Source protection, Biodiversity enhancement and climate mitigation



Department of
**Agriculture,
Food and the Marine**
An Roinn
**Talmhaíochta,
Bia agus Mara**







Lough Guitane, source protection



Ballymore Eustace 5.6ha



Carrigrennan WWTP 4.8ha



Donegal Town 0.3ha



Troyswood 4.2ha



Staff training





Summary

- Native woodland establishment in partnership with DAFM and Local Authorities
- licensing delays.
- Native woodlands for biodiversity, source protection and climate.



Thank you.

For further information or to get in contact
please email davallon@water.ie

