



CS number: 17 – Forth catchment

Case study cluster: peatlands and wetlands;
small streams and basins

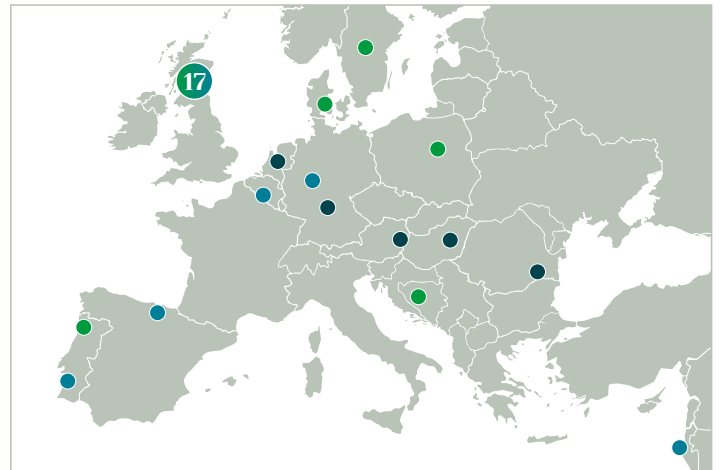
Country: Scotland, UK

Scientific partner: University of Stirling,
UK Centre for Ecology & Hydrology

Implementation partner:
NatureScot, Forth Rivers Trust

Twinning case study: Welsh peatlands

Website: www.nature.scot,
www.ceh.ac.uk/our-science/projects/merlin



Demonstration

- **Type of restoration:** restoration of channel and riparian habitats, reconnection of floodplain of the River Forth tributary (~23 km), rewetting of at least 150 ha of peatlands within a 10+ year national project (£ 250 million) – including forest to bog restoration
- **Size:** 800 km² catchment
- **Location(s):** Allan Water & peatlands across region
- **Value of the case:** river and floodplain restoration, flood management, climate resilience, biodiversity enhancement, carbon sequestration, social and economic recovery in economically deprived region
- **Stakeholders involved:** local government (landscape planning), public agencies and authorities, forestry, NGOs (nature conservation), research
- **Sectors involved:** tourism
- **Innovations being applied:** Demonstration sites in the catchment will partner with the University of Stirling's Forth ERA programme. This will facilitate the collection of high resolution data in freshwaters undergoing restoration, and data provision to the wider community.

Implementation plans

- **Type of restoration:** floodplain reconnection, riparian restoration including additions of large woody debris and embankment removal, channel geomorphology restoration, rewetting of peatlands, beaver translocation
- **Size:** approx. 500 ha including about 23 km of river channel
- **Scope:** regional
- **Vicinity:** rural
- **Stakeholders to involve:** water management (river trust), landowners, public agencies and authorities, nature protection (NGOs), citizens
- **Innovations to be applied:** –