



#### Jeremy Roberts - Cairngorms Connect Programme Manager





Scottish Natural Heritage Dualchas Nàdair na h-Alba **nature.scot** 

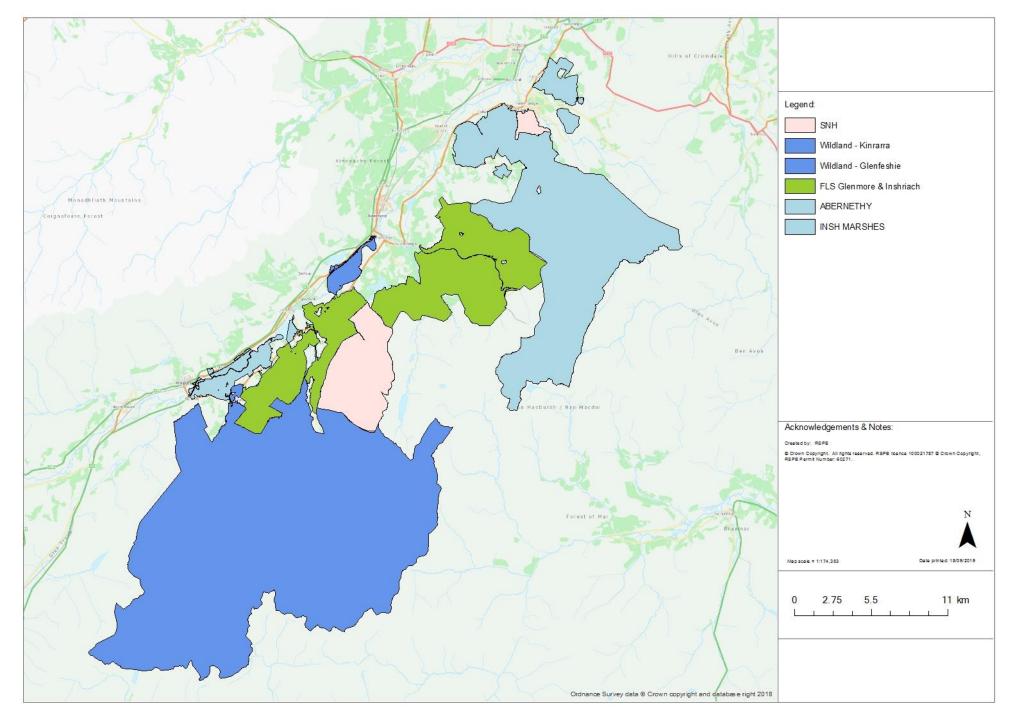




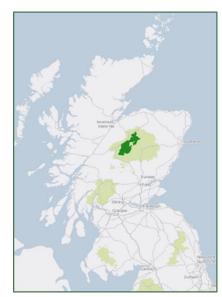


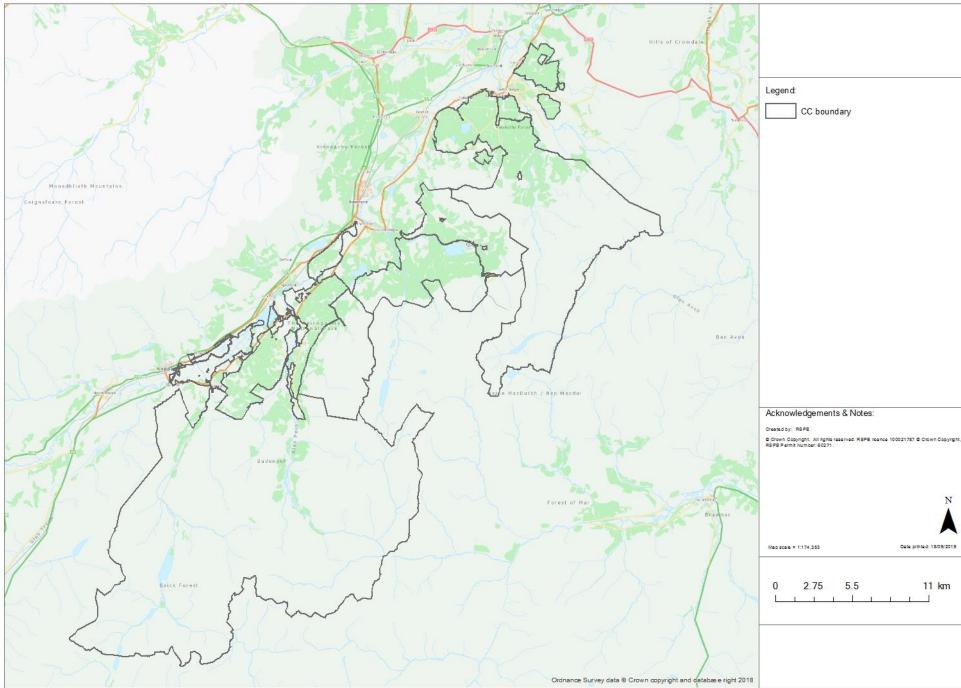






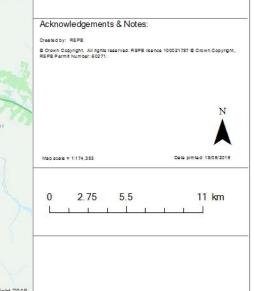
# Cairngorms







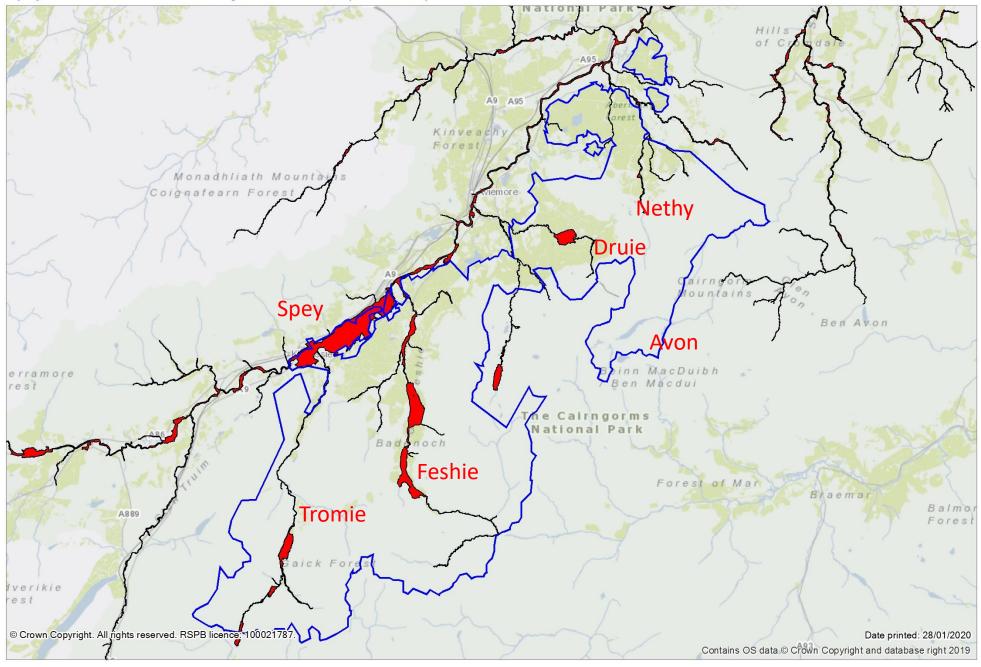








Spey River SAC - in the Cairngorms Connect partnership area







Fisheries Management Scotland







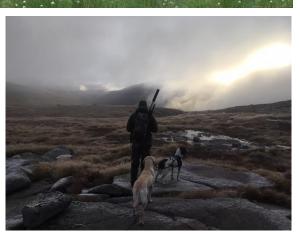


- River temperature
- Water quality
- Invertebrate populations
- Flow-rate/ flashiness
- River morphology and habitats

- High altitude blanket bog restoration
- Bog woodland restoration
- River and floodplain restoration
- 'Rougher' catchments by reducing grazing
- Natural regeneration and planting

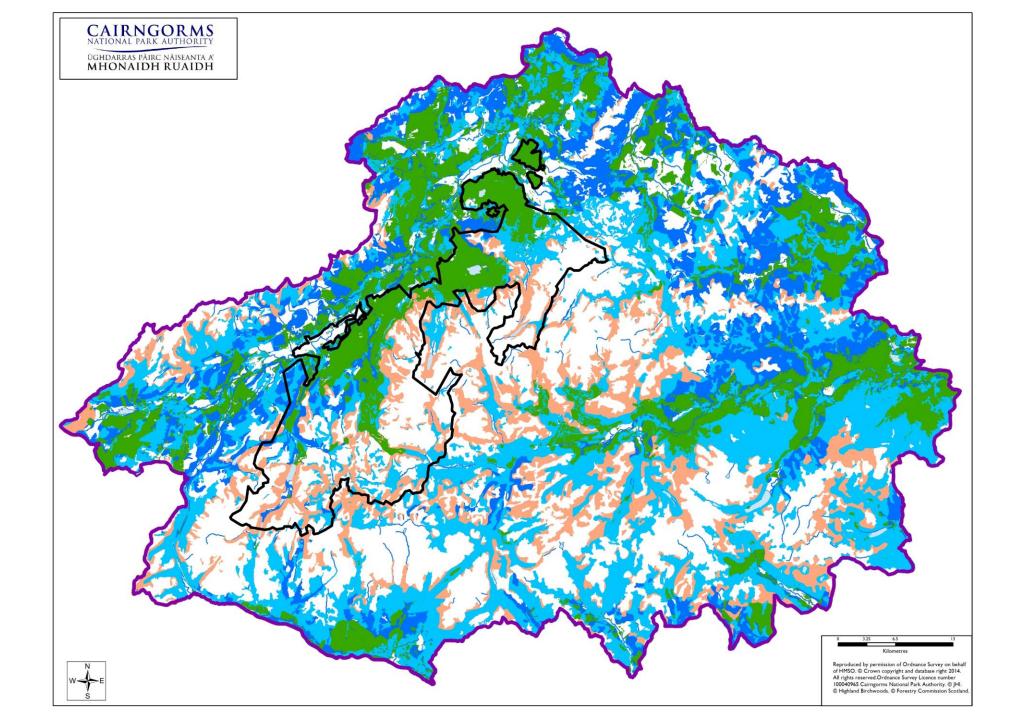














4,722 ha of remnant Caledonian Pinewood

7,800 ha of plantation

13,300 ha of potential new forest

> 15,000ha of potential high alt. montane woodland







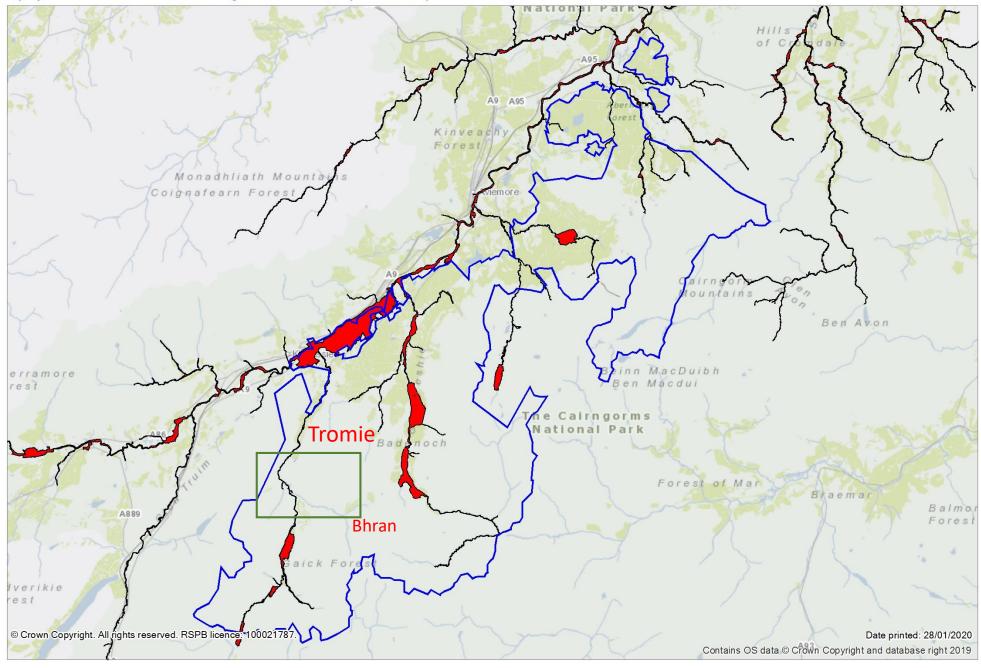


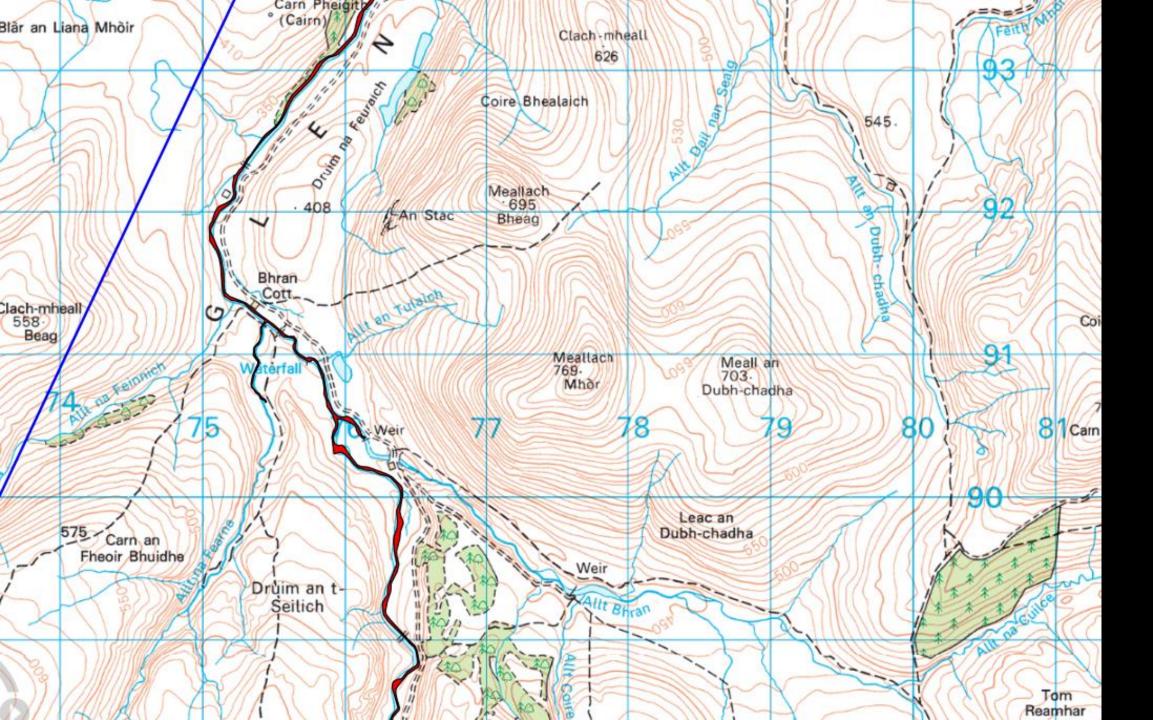
Glen Feshie 2003 Glen Feshie 2014

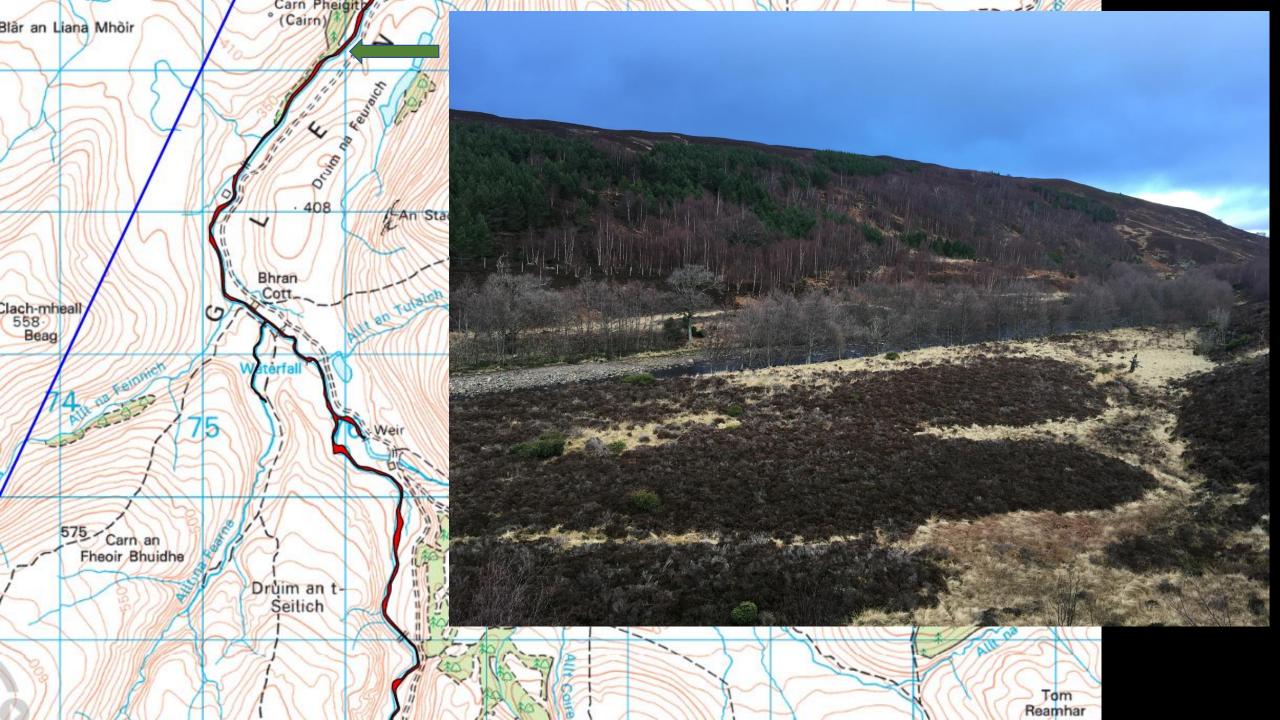
> ©Wildland Limited

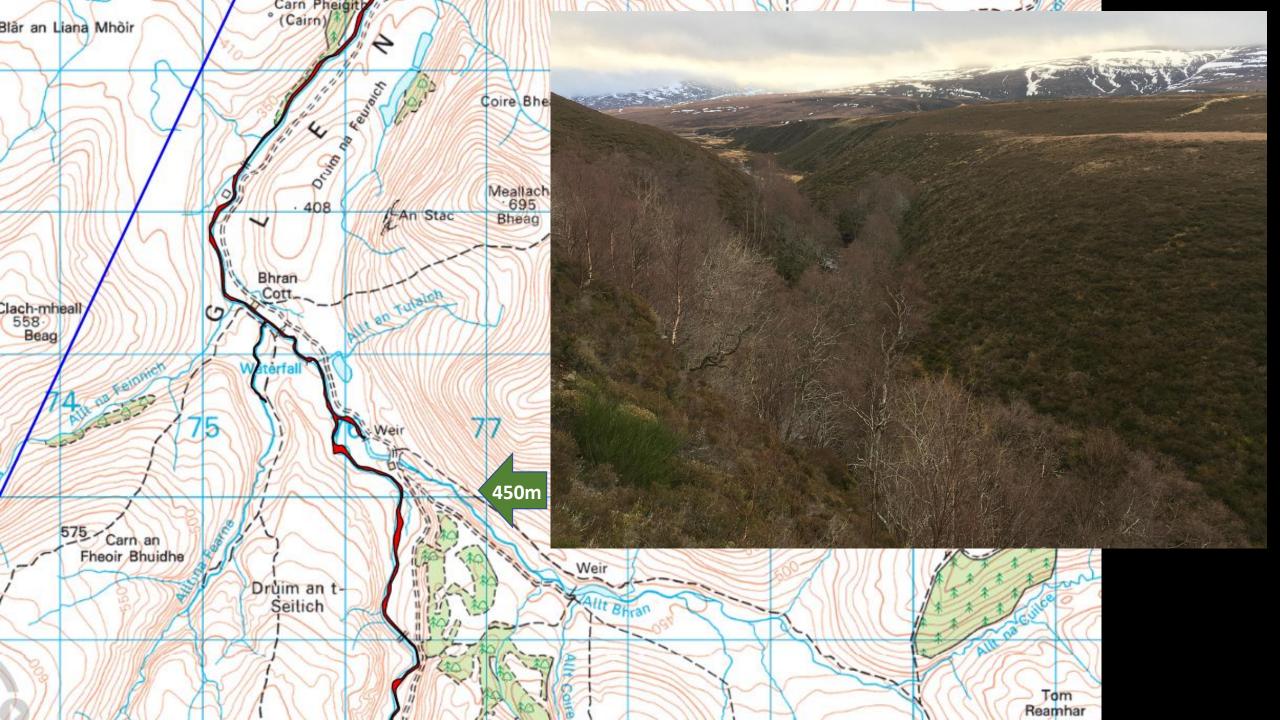


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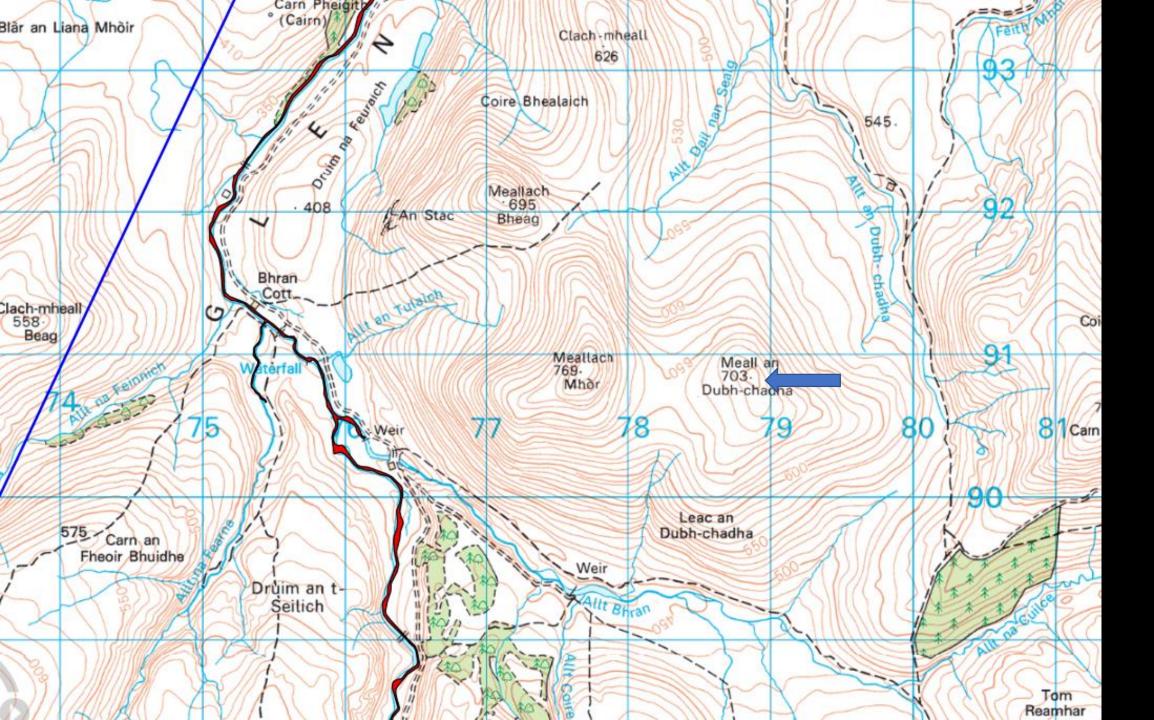
















Wildland Limited have established 550ha of new native woodland planting in Tromie & Gaick, accelerating woodland recovery far from seed sources.

In 2019, Wildland Limited planted their 4 millionth tree







- In 2019, over 23,000 people heard about the project, directly
- 2.1m heard about it on Springwatch 2019
- Great coverage on Winterwatch 2020





FUNDED BY





Danube DeltaIori RiUkraine, Romania & MoldovaGeorgi



lori River Valley Georgia



Greater Côa Valley Portugal



Gökova Bay to Cape Gelidonya Turkey



Carpathian Mountains Romania



Polesia Belarus & Ukraine

Cairngorms Connect Scotland



Summit to Sea Cambrian Mountains, Wales

#### **Monitoring Projects**

### Ecological indicators

- <u>Physical</u>: Floodplain restoration
- <u>Habitat</u>: Woodland expansion
- Species: Species indicator
- <u>Function</u>: Deadwood beetles

Ecosystem services indicators

- <u>Supporting</u>: Vertebrate food webs
- <u>Regulating</u>: Catchment restoration

## Societal benefits indicators

- <u>Economic</u>: Contribution of landscape restoration to local economies
- Education / Capacity: Empowerment & influence
- Institutional: Public attitudes to restoration

#### **Testing interventions Projects**

- Seed source foci
- Deadwood creation
- Rare plant invigoration
- Trail re-alignment
- Emulating missing ecosystem processes

