

Nature-based Solutions in Catterline

new dates From 31st May to 4th June, 2021

What is the aim?

To build natural solutions on the braes to promote slope stability, slope protection, erosion control and landscape regeneration.

How we will reach the aim?

By building structures with pine logs and tree cuttings which are then backfilled with earth and revegetated (i.e. **live**). We will do these mostly by hand, but we will also use a small digger and some tools.

What will the solutions look like?

1) Live Cribwall: a crib made of timber logs that is deployed at the slope toe, acting as retention wall.



2) Live Grating: a lattice made of timber logs and anchored at the base and to the slope, acting as skin on the slope.



We want to manage this!



3) Live Palisade: a barrier made of timber logs, stacks and plant cuttings, installed on the slope to retain debris and promote revegetation.



4) Brush layer: a series of steps excavated on the slope in which bundles of plant cuttings are inserted to promote slope protection and revegetation.



5) Live pole drain: a ditch filled with live plant cuttings to promote drainage, remove water from the soil, and promote revegetation.

What to expect?

About ten men (some from Catterline) + an excavator working on the braes by the road to the pier for **5 days**, moving earth, pruning willows, cutting logs and planting trees. Access to the pier may be interrupted for short time periods. We will keep the 'disruptions' to pier access to a minimum. We apologise for the inconvenience.

I have a question, suggestion, comment or complaint:

Contact Alejandro at
alejandro.ollauri@gcu.ac.uk or at
07598630145