

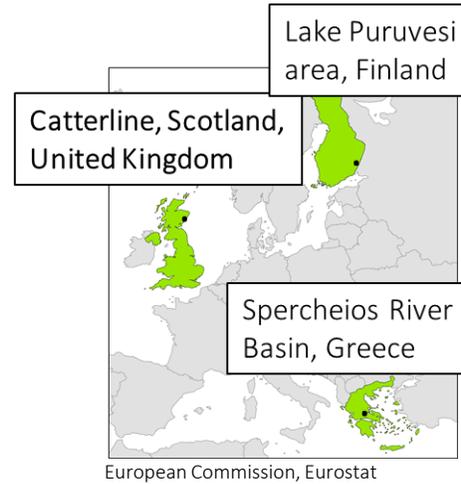


Research Questions

- ① Do residents of nature-based solution (NbS) 'host communities' prefer greener or greyer measures and ② what factors influence their preferences?

Methods

- 3 European study sites where NbS are planned to address natural hazards (Catterline = landslide; Puruvesi = eutrophication; Spercheios = flood)
- Citizen surveys at all 3 sites; follow-up semi-structured focus groups (n=4) to discuss NbS for slope stabilisation and drainage in **Catterline, Scotland**

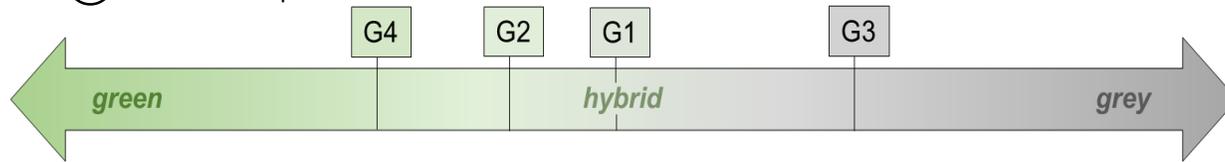


Survey Results

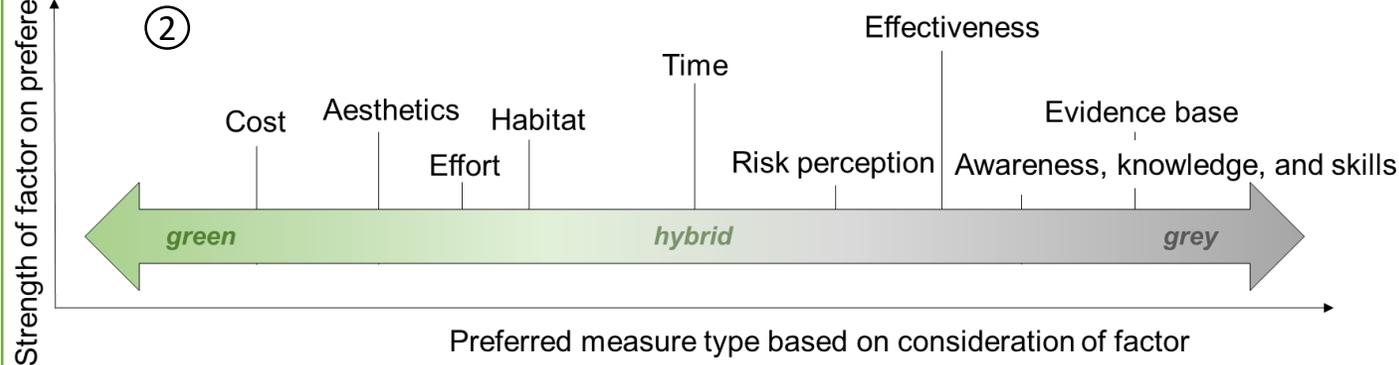
- Slight preference for hybrid measures instead of green NbS in all 3 sites
- Significant ($p < .05$) **negative** correlations between preference for grey measures and
 - Commitment to nature
 - Perceived effectiveness of NbS

Focus Group Results

① G1 = Group 1



②



"...because of where we live and because of the sea, somewhere we need to have something more robust than just the green measures...we're not necessarily in favour of [grey], but we're also not against it. If it's needed, it's needed, for the risk reduction piece" (G1P2).

- Grey measures preferred over 'uncertain' green if necessary
- Despite highly valued co-benefits, residents framed outcomes in terms of *success* or *failure* for risk reduction
- Hybrid described as the "best of both worlds"
- Some residents perceived the NbS as an experiment, while others had high expectations for effectiveness

