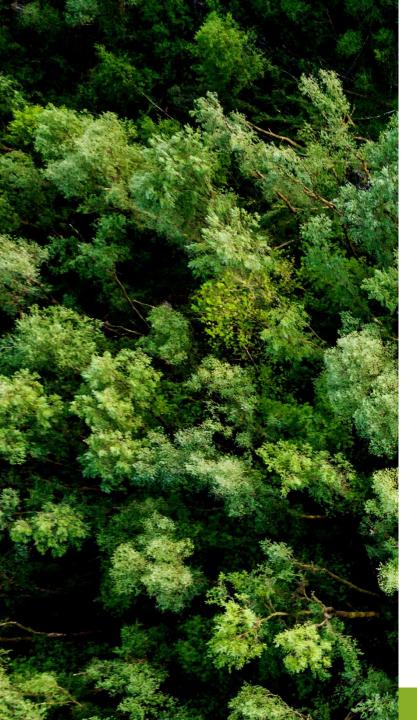
HORIZON-CL5-2022-D1-02-05: Let nature help do the job: Rewilding landscapes Dr Stuart Connop (University of East London)





✓ Networking and brainstorming

- ✓ The session will be recorded and made available from CN website afterwards
- ✓ Agenda
 - ✓ 10:30
- Introduction Stuart Connop
- ✓ 10:40 Pitches
- ✓ 10:50 Brainstorm in Miro
- ✓ 11:25 Close







Let nature help do the job: Rewilding landscapes for carbon sequestration, climate adaptation and biodiversity support

- HORIZON-CL5-2022-D1-02-05:
- Destination Climate sciences and responses for the transformation towards climate neutrality
- Budget EUR 17.00 million (two projects EUR 8/9m)
- Research and Innovation Action (RIA)
- Opening date 12 October 2021
- Deadline for submission 10th February 2022 (single stage)





- Key focus Rewilding to address biodiversity decline, carbon sequestration & storage, and climate change mitigation & adaptation
- "Rewilding" defined as passive management of ecological succession/restoration of natural ecosystem processes/reducing human control of landscapes
- Early restoration stage may require some intervention
- Nature-based solution approach
- Blended landuse conservation & productive landuse (farming/forestry/fishing)
- Contribute to multiple SDGs





- **Key delivery** low cost/benefit ratio options to restore natural and semi-natural ecosystems
- Assess the ecosystem restoration value (CC adaptation/mitigation) including rebound effects and trade-offs.
- Impact of CC (e.g. 2°C+) on rewilding methods
- Potential of abandoned land and protected systems
- Wildfire risk reduction
- Low cost, low human intervention stewardship models.
- Perception and acceptability of citizens
- Potential conflicts and trade-offs in governance and decisionmaking.







- **Key considerations** use of ecosystems natural capacity, with minimal help from humans
- Interdisciplinary research
- Build on previous and ongoing experience, including uncertainty
- Robust assessment
- Can address specific ecosystems/landscapes (e.g. terrestrial, freshwater, marine)
- Regional, national, and continental scales
- Build on status and trends of ecosystem change to understand the when and where targets for intervention
- Complementarity of Rewilding with other approaches







- Key considerations innovations to assist mainstreaming
- Restoration of fully-functioning trophic chains (e.g. reintroductions)
- Social sciences and humanities inclusion.
- Multi-stakeholder collaboration
- Economic development opportunities
- Exploration of barriers (ecological/social/gender)
- Clustering (including with wildfire projects)







- Key Impact targets Contribution to IPBES and IPCC, EU Biodiversity Strategy, net zero carbon emission targets,
- Horizon Europe Mission on adaptation to climate change including societal transformation,
- Generate FAIR (Findable, Accessible, Interoperable, Reusable).data
- Methods for integration of land-use management systems into IAMs and ESMs
- Contribute to knowledge exchange and networking European platforms (e.g. Climate-ADAPT, Network Nature, OPPLA, BiodivERsA) including exploitation after the project.
- Exploitation of actions results during and after the project.
- Social innovation in relation to social change, new social practices, social ownership or market uptake.



Thanks for listening, now over to you....



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miro – brainstorming

- Interest in this call text?
- Organisation
- What you/your organization can contribute
- Interest in coordinating?

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Thanks for participating

