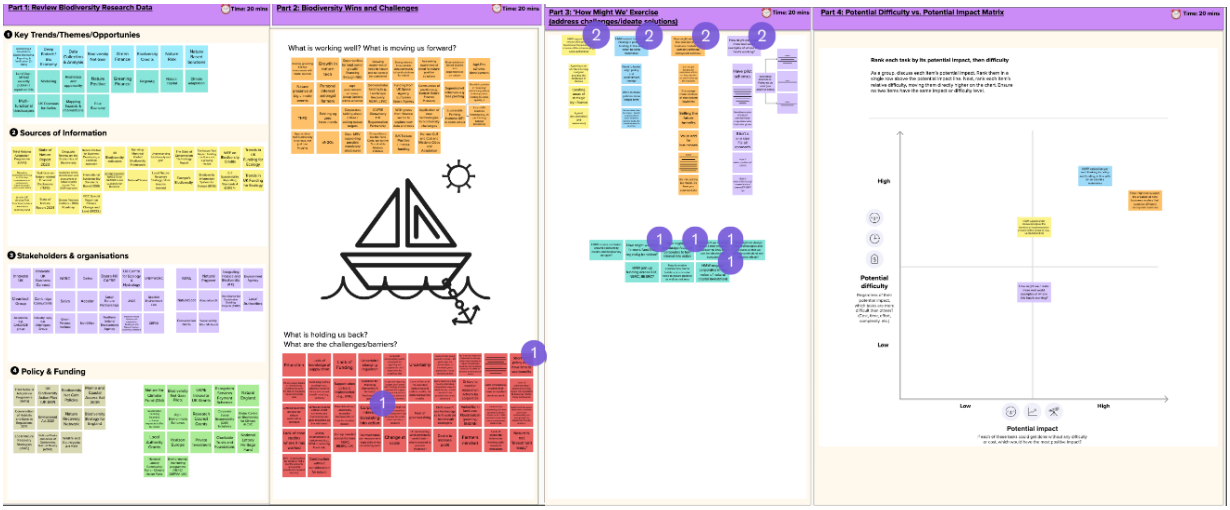
Biodiversity Workshop Mural Board

Appendix A



Climate Change Adaptation Innovation Network: Biodiversity Workshop

Workshop Aims:

- To review and validate/amend the key themes and trends that emerged during my research related to biodiversity
- Identify any gaps and clarify where our focus as IUK Business Connect should be in supporting the ecosystem between academia, industry and government - to enable the adoption of innovative technology and processes that would help support and protect our biodiversity
- Provide a chance for networking and opportunities for collaboration around biodiversity and climate change adaptation

The insights taken from this workshop will help to inform a short report and/or perspective piece related to the project and whatever next steps emerge.

Agenda:

1. Welcome and Overview (5 minutes)
2. Group Introductions (10 minutes)
3. Review Research Data & Identify Any Gaps (20)
4. Biodiversity Wins & Challenges/Barriers (20 minutes)
5. Quick Comfort Break (5 minutes)
6. 'How Might We' Exercise - Address Challenges & Ideate Solutions (20 minutes)
7. Potential Difficulty vs. Potential Impact Matrix (20 minutes)
8. Wrap-Up & Close Workshop (10 minutes)

(10 minutes allowance for flexibility)

1 Key Trends/Themes/Opportunies

- Monitoring & Surveillance, Digital Monitoring, Reporting & Verification (D-MRV)
- Deep Biotech/ Bio Economy
- Data Collection & Analysis
- Biodiversity Net Gain
- Green Finance
- Biodiversity Credits
- Nature Risk
- Nature Based Solutions
- Land Use - DESNZ recently publish a report on this
- Modelling
- Resilience and opportunity
- Nature Positive
- Greening Finance
- RegenAg
- Natural capital
- Climate adaptation
- Multi-functional landscapes
- UK Overseas territories
- Mapping hazards & interventions
- Blue Economy

2 Sources of Information

- Third National Adaptation Programme (NAP3)
- State of Nature Report 2023
- Dasgupta Review on the Economics of Biodiversity
- Nature Positive for Business: Developing a common approach
- UK Biodivsersity Indicators
- Kunming-Montreal Global Biodiversity Framework
- Understanding biodiversity net gain
- The State of Conservation Technology Report
- The Nature Tech Report: Building confidence in a growing market
- WEF on Biodiversity Credits
- Trends in UK Funding for Ecology
- Navigating biodiversity financing in 2024: Key considerations for businesses in supporting global conservation efforts
- Taskforce on Nature-related Financial Disclosures (TNFD)
- Guidance on the identification and assessment of nature related issues: The LEAP approach
- International Sustainability Standards Board (ISSB)
- SCIENCE-BASED TARGETS for NATURE Initial Guidance for Business
- Nature4Climate
- Local Nature Recovery Strategy pilots: lessons learned
- Europe's Biodiversity
- Biodiversity Information System for Europe (BISE)
- EU Sustainability Reporting Standards 4 (ESRS 4)
- Trends in UK Funding for Ecology
- Article: UK Among First Countries to back new nature recovery fund
- State of Nature Report 2024
- Green Finance Institute - BNG Roadmap
- IPCC Special Report on Climate Change and Land (SRCCL)

3 Stakeholders & Organisations

- Innovate UK
- Innovate UK Business Connect
- NERC
- Defra
- Daera-NI/ CAFRE
- UK Centre for Ecology & Hydrology
- UNEP-WCMC
- SEPA
- Natural England
- Integrating Finance and Biodiversity (IFB)
- Environment Agency
- Cleantech Group
- Cambridge Consultants
- Selva
- Accelar
- Local Nature Partnerships
- JNCC
- Scottish Environment Link
- NatureScot
- AdaptationUK
- The Alliance for Sustainable Building Projects (ASBP)
- Local Authorities
- Academia e.g. CASCADE group
- Industry reps, e.g. Aldersgate Group
- Green Finance Institute
- Met Office
- Northern Ireland Environment Agency
- Resilient Planet Finance Lab: Adaptation, Resilience and Nature Finance, university of Oxford
- CEFAS
- Conservation NGOs
- Sustainability West Midlands

4 Policy & Funding

- Third National Adaptation Programme (NAP3)
- UK Biodiversity Action Plan (UK BAP)
- Biodiversity Net Gain Policies
- Marine and Coastal Access Act 2009
- Conservation of Habitats and Species Regulations 2017
- Environment Act 2021
- Nature Recovery Network
- Biodiversity Strategy for England
- Local Nature Recovery Strategies (LNRS)
- National Parks and Areas of Outstanding Natural Beauty (AONB)
- Wildlife and Countryside Act 1981

- Nature for Climate Fund (Old)
- Biodiversity Net Gain Pilots
- UKRI/ Innovate UK Grants
- Ecosystem Services Payment Schemes
- Natural England
- Sustainable Farming Incentive scheme: expanded offer for 2024
- Agri-Environment Schemes
- Research Council Grants
- Corporate Social Responsibility (CSR) Initiatives
- Global Centre on Biodiversity for Climate (GCBC
- Local Authority Grants
- Horizon Europe
- Private Investment
- Charitable Trusts and Foundations
- National Lottery Heritage Fund
- National Lottery Community Fund - Climate Action Fund
- Environmental monitoring programme (NERC/ DEFRA/ IUK)

What is working well? What is moving us forward?

What is holding us back?
What are the challenges/barriers?

HMW support under-resourced orgs at the forefront of implementation of some of the schemes (e.g., Local Authorities) 2

Agreeing a set of criteria to help navigate/ prioritise the landscape of choices

Creating areas of strategic significance

Agreed documentation (and awareness)

HMW embed longer te… thinking to policy and funding, in line with when benefits materialise 2

Need to better align policy and commitment timings

Work to make policies more longer term

Nature takes time to recover - land in a scheme for 5 years and then scheme ends, the scheme needs to continue

How might we suppo… the creation of new business models that combine different ecosystem services 2

Can we get funding for restoration efforts so they pay less on water clean-up (for example)

Encourage more combos of eco system payments

Selling the future benefits

Value add for businesses

https://www.rebalance.earth/ This company is working with pension funds to improve the Plymouth catchment area using ecosystem services payments

It's not just the biz model, it's how you communicate

How might we create… more real world examples of where this has/is working? 2

Have pilot schemes

Need transparency -> For example, income from payments for ecosystem services to encourage others (e.g., farmers) to replicate

Need examples of nature positive large corporates who have also grown

It isn't a one size fits all approach

https://www.coralvita.co/corona

https://www.science.org/stoken/author-tokens/ST-1397/full

Spreading awareness - Platforms do exist (see attached notes)

https://…

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https://…

HMW reduce confusion around biodiversity credits and biodiversity net gain?

How might we help farmers fund the regenAg transition? 1

How might we encourage /support corporates to turn interest into action 1

How might we centrally define a tech-enabled approach to BNG that can be adopted by everyone 1

How might we design new technologies and products so that we already understand any adverse effects?

HMW join up funding across IUK, NERC, BBSRC?

How to enable construction, home builders, to consider need to nature positive as well as net zero

HMW engage corporates in the value of natural capital investment 1

Rank each task by its potential impact, then difficulty

As a group, discuss each item's potential impact. Rank them in a single row above the potential impact line. Next, rank each item's relative difficulty, moving them directly higher on the chart. Ensure no two items have the same impact or difficulty level.