



University
of Exeter

Land, Environment,
Economics and Policy Institute



Who we are:

A thriving interdisciplinary research group, blending core skills in economics combined with expertise in natural, social, physical and data sciences, located in the University of Exeter Business School.

What we do:

Deliver policy-focused research, outputs and tools that drive real world change, helping to solve local and global environmental challenges.



Our research:

Integrated Modelling of Natural Capital Futures, applied to:

- Woodland planting and carbon sequestration
- Renewable energy
- Carbon capture and storage
- Food demand and security
- Biodiversity net gain, connectivity, rewilding, sparing and sharing
- Intergenerational fairness

Environment Policy and Market Design, applied to:

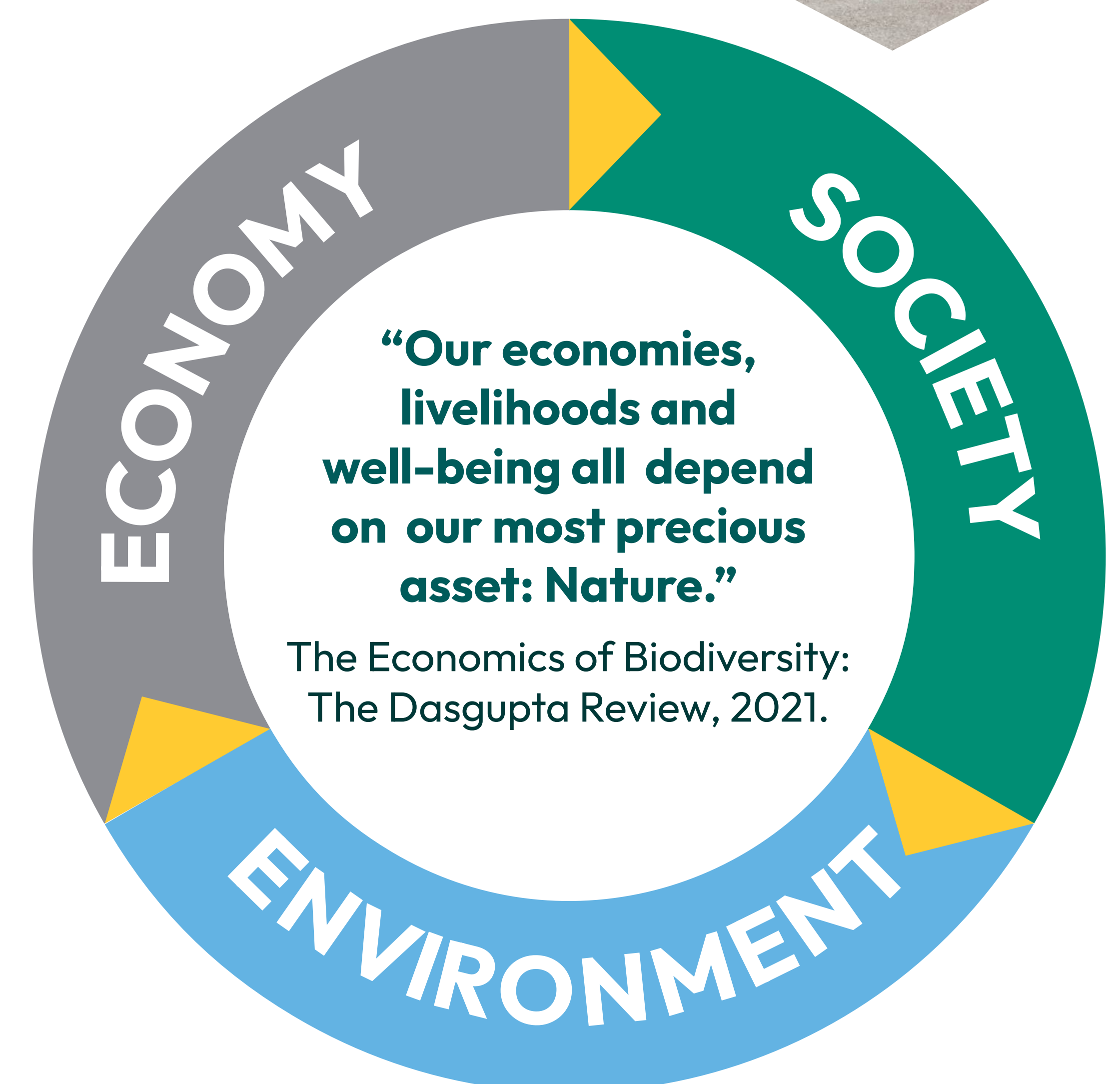
- Agro-environment scheme design
- Food systems
- Biodiversity Net Gain
- Carbon sequestration
- Water quality

Natural Capital Valuation, applied to:

- Recreation and health
- Water and air pollution
- Natural hazards and risks
- Regime shifts and tipping points
- Carbon sequestration
- Biodiversity
- Noise and disamenity

Co-Design of Innovation Decision-Support Tools, including:

- Pioneering the use of Artificial Intelligence and Digital Twins for woodland planting for Net Zero
- Natural Environment Valuation Online (NEVO)
- Woodland planting tool for Net Zero
- Outdoor Recreation Value (ORVal)
- South West Partnership for Environment and Economic Prosperity (SWEEP) suite of tools



exeter.ac.uk/research/leep



Our impact:

- Supported profound shifts in UK environmental and agricultural policy
- LEEP tools have valued £100Ms of environmental benefit flows
- Accelerated the adoption and application of the Natural Capital Approach
- Embedded environmental value requirements into HMT spending guidelines determining £Billions of public investment annually
- Designed 'Payments for Ecosystem Services' delivering over £500M of savings

SWEEP in numbers:



304km²
Seabed protected



3,626km²
Natural space designed for health and wellbeing



84km²
Wildflower and pollinator habitat created



£115M
Partner investments influenced



£78M
Funding leveraged



£25M
Cost saving to business and public