

Tools: Application, Benefits and Linkages for Ecosystems (TABLES)

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Workpackages 9 and 10

"Develop and Test tools to embed ecosystem thinking in daily policy and decision-making practices".

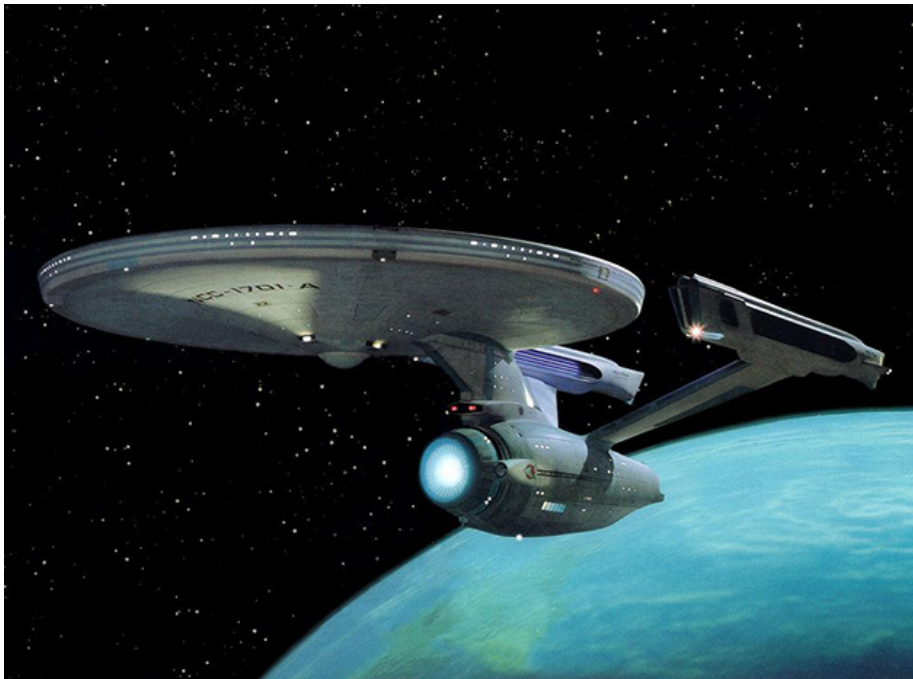
UK National Ecosystem Assessment

Living With Environmental Change



BIRMINGHAM CITY
University

A 18-month mission



To boldly go...

Answering challenging research questions

- How to improve decision making and policy in the UK?
- How to better embed ecosystem assessment (EA) thinking into a framework and associated toolkit for improved interventions in the built and natural environment?



Exposing gaps in research, policy and delivery



Research



Policy



Delivery



search ID: mba0979

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(adapted from Waters, 2012)

Outside existing silos and boundaries

- Co-production
- Transdisciplinarity
- Improvisation
- Experimentation
- Communicating clearly
- Breaking boundaries
- Thinking outside boxes
- Social learning



Across academic, policy, practice and scalar divides

- **Birmingham City University**

Scott, Carter, Curzon (Relu IV; spatial planning and environmental governance)

- **University of Cranfield**

Harris, Corstanje (urban BESS; environmental science, modelling and policy)

- **Perth UHI**

Glass (sustainability, participatory tools)

- **National Farmers Union**

Collier (Chief Rural Affairs Adviser)

- **David Jarvis Associates**

Gibbs (spatial planning and landscape)

- **Natural England**

Waters, Grace, Sunderland (ecosystem approach, sustainability and land use, economic valuation)

- **Localise West Midlands**

Leach and Cobbing (localisation and development economics)

- **Pundamilia Ltd**

Everard (CEO environmental science and policy)

- **Rural Strategy**

Wakeford (CEO UNESCO chair rural development)

Co-operate and Collaborate with policy, practice and research experts



- TABLES Advisory Group
 - Collingwood Environmental Planning
 - Kevin Watts (Forest Research)
 - Bob Watts (EA)
 - Simon Smart (CEH)
 - Nick Grayson (Birmingham City Council)
 - Eleanor Rowe (RTPI)
 - Mike Kelly (North Devon District Council)
 - Claire Bridges/Dave Carter* (tbc) (Local Enterprise Partnerships)
 - Mark Reed (BCU)

- NEA Groups
 - WP PIs 1-8
 - Expert Panel
 - Stakeholder Group

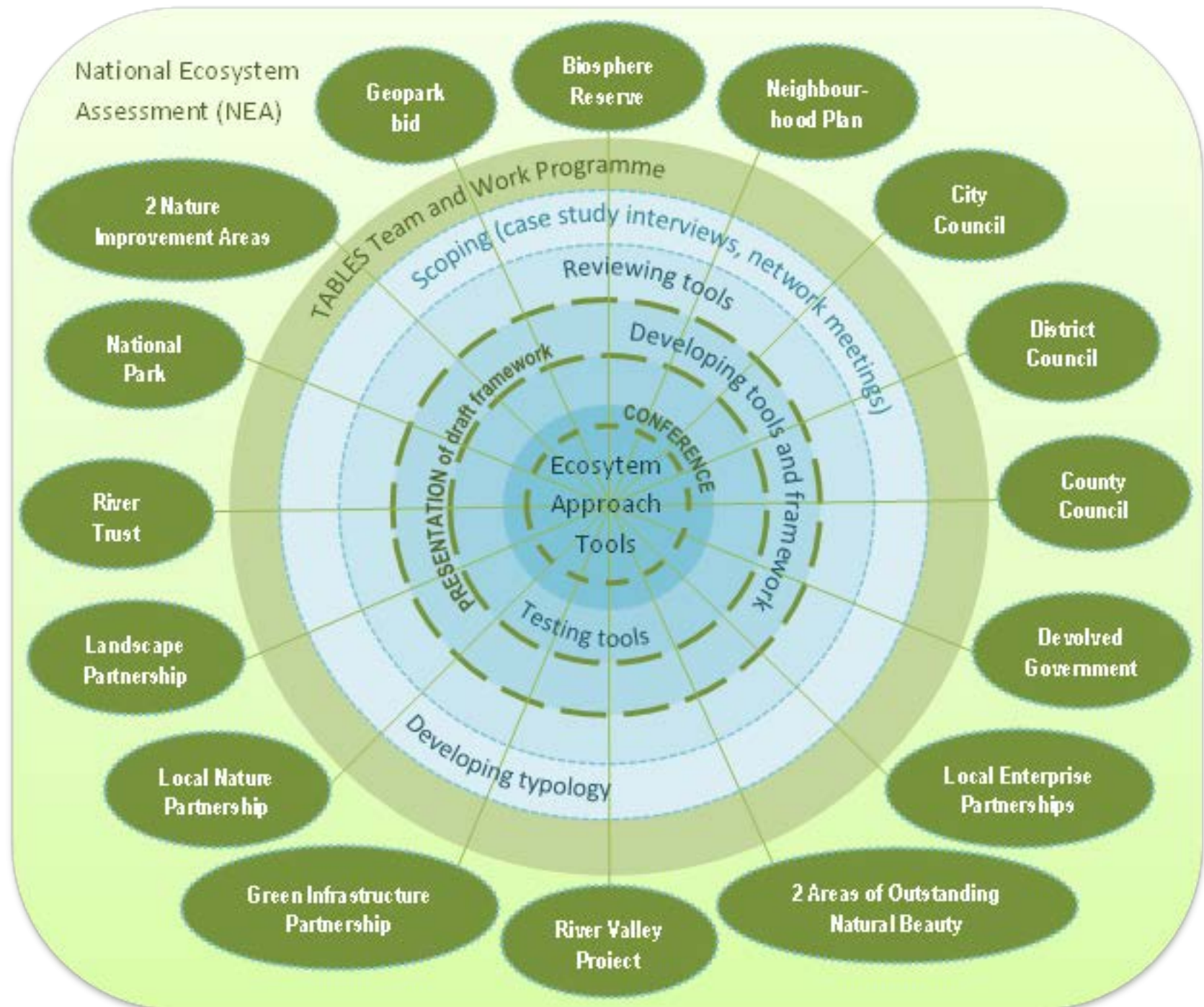
Seek out Case Studies of innovative practice

- National Park
- Nature Improvement Areas
- Local Planning Authorities
- AONBs
- City Councils
- Neighbourhood plans
- Community Landscape Trusts
- Local Nature Partnership
- Local Enterprise Partnership(s)
- Green Infrastructure partnership
- Devolved government

A photograph of a winding asphalt road with double yellow lines, set against a backdrop of dense, lush green forest. The road curves through the trees, and the scene is brightly lit, suggesting a sunny day. The text is overlaid on semi-transparent white boxes.

Method in the madness

*A journey to the centre of
the board!*

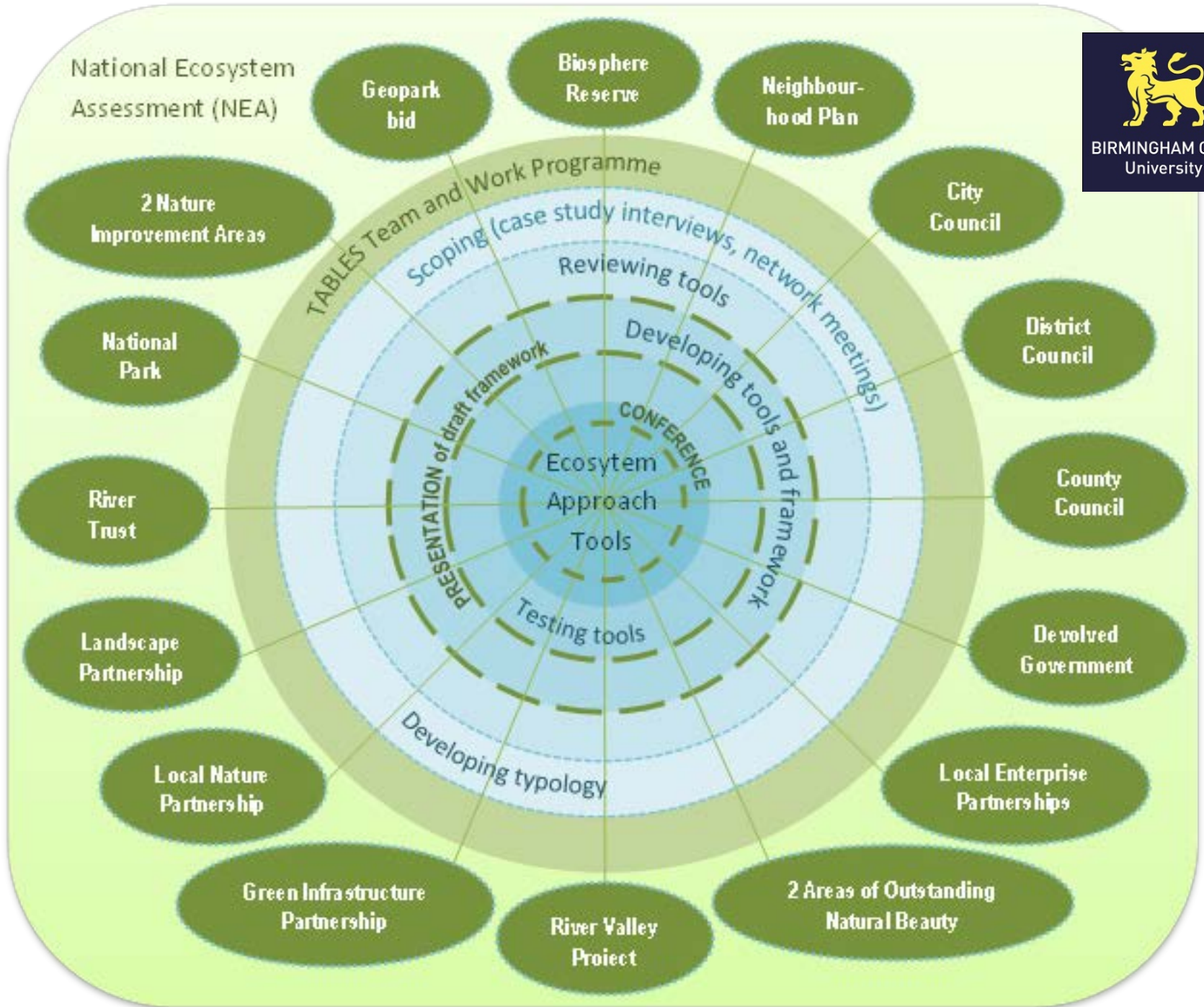


Develop a new framework to identify, review and test existing tools



- **Identify** tools that can embed ecosystem thinking within them
- **Focus** on tools that are currently used in policy and practice
- **Develop** tools' suitability for tackling identified problems in practice.
- **Test** tools in case studies and other work packages







Defining tools

- Team differences
- Thoughtpiece contributions
- Synthesis by PI
- Typology

Typology

- Regulatory
- Incentive
- Participatory
- Decision Support
- Mindset tools
- *Economic tools
- *Futures tools

Tool Reviews

- SEA
- Payments for Ecosystem services
- EIA
- NPPF
- Supply chain stewardship schemes
- Visitor Payback
- Habitat banking
- Development plans
- Modules- CPD
- Decision Support tools models x6
- Green Infrastructure
- Designations (NP, AONB, NIA)
- Grants and Funding programmes
- Localisation
- Neighborhood plans
- Evidence and data (observatory)
- Rufopoly

Tools to intervene (Meadows)

9. Numbers
8. Material stocks and flows
7. Regulating negative feedback loops
6. Driving positive feedback loops
5. Information flows
4. Rules of the system
3. Self organisation
2. Goals
1. Mindset

Emerging Issues

LOTS

- Expectations
- Academic literature
- Tools Tools Tools
- Separate Ecosystem research/initiatives
- Focus on ecosystem services

LESS

- Communication of research and available tools
- Appreciation of implicit use of ecosystem approach
- Application of Ecosystem Approach
- Understanding of jargon
- Focus on tool weaknesses and abuses
- Understanding of needs for limited but accessible & rigorous tools

Key Messages

HOPE

Starting a journey together

Importance of grass roots, policy and practice involvement

Tools are only part of the answer

Culture behaviour shifts

CHANGE

Dealing with uncertainty requires new ways of thinking and learning.

Better use of EXISTING tools is key not reinvent wheel



Pat Racimora 1-25-09