FUTURE OF UK Treescapes

CCRI
COUNTRYSIDE AND COMMUNITY RESEARCH INSTITUTE

UNIVERSITY OF GLOUCESTERSHIRE

Imperial College London

UKRI Natural Environment Research Council

UKRI Economic and Social Research Council

UKRI Arts and Humanities Research Council

Update to TDAG

22 November 2022

Julie Urquhart & Clive Potter

Programme Ambassadors

The Future of UK Treescapes story

Improving treescapes for the benefit of environment and society

FUNDING

Total Funding

£15.7 million

£500,000 Ambassadors

£500,000 Call 3

£270,000 Fellowships Scheme

£3m Call 2

£15.7m

£11.4 million Call 1

Funders:

UKRI: Arts and Humanities Research Council,
UKRI: Economic and Social Research Council,
UKRI: Natural Environment Research Council,
Defra, Forestry Commission, The Scottish
Government and The Welsh Government

THEMES

1 Forms, functions and values of UK Treescapes

2 Opportunities, barriers and pathways for expansion of UK Treescapes

3 Resilience of UK Treescapes to global change

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Future Treescapes Building Blocks

PROJECTS

CALL 1 — **6** large research projects

CALL 2 — **6** gap-filling research projects

CALL 3 — Several knowledge exchange projects (yet to be funded)

7 FELLOWSHIPS up to £50,000 funding across 12 months

PROGRAMME ADVISORY BOARD

13 stakeholders who advise us on the industry, policy and societal applications and impact of the programme including **Scottish Forestry, Natural Resources Wales, National Trust** and **Confor.**

Call 1 Projects
Voices of the Future
Connected Treescapes
newLeaf
MEMBRA
Branching Out
CASTOR

Call 2 Projects
TreE_PlaNat
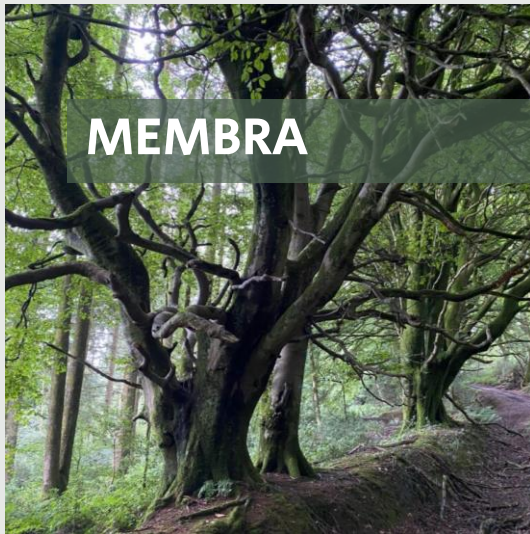iDeer
STAND
FARM TREE
Agroforestry Futures
DiversiTree

FUTURE OF UK Treescapes
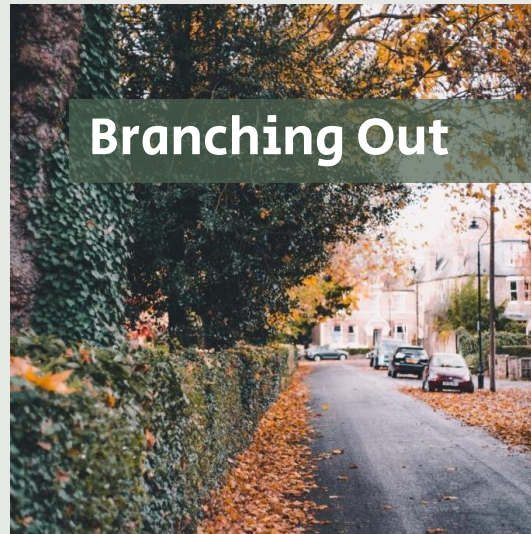
Voices of the Future
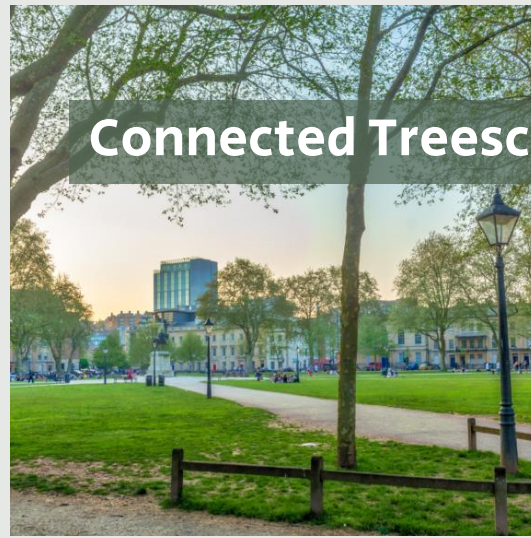
Connected Treescapes

newLEAF

MEMBRA

Branching Out
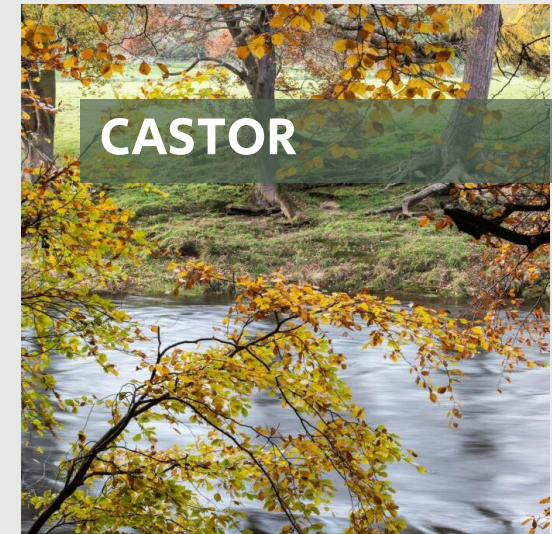
CASTOR

Call 1 Projects

uktreescapes.org/projects

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Voices of the Future
Our woods, forests and trees belong to our children. Voices of the Future will work with young people to reimagine our treescapes.
Manchester Metropolitan U, U of Aberdeen, U of Birmingham, U of Cambridge, U of Cumbria, Middlesex U London, U of Sheffield, Natural England

Connected Treescapes
Trees connect us to nature, improve our wellbeing and help tackle climate change. These connections are a key theme in Connected Treescapes.
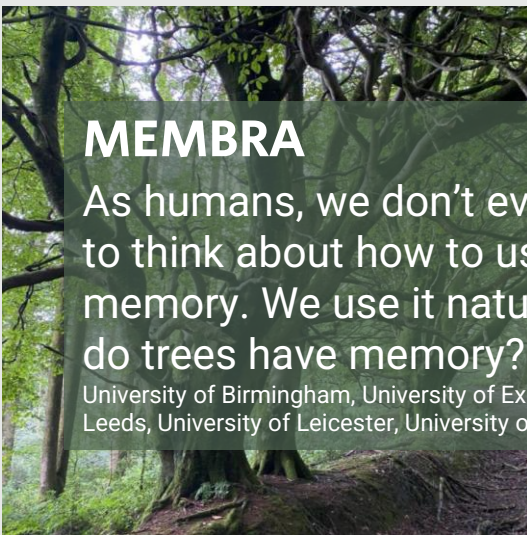U of York, U of Strathclyde, CEH, Newcastle U, U of Derby, U of Edinburgh, FR, James Hutton Institute

newLEAF
How quickly can trees adapt to change on their own? And is human intervention needed?
CEH, FR, James Hutton Institute, University of York, University of Strathclyde, University of Stirling, University of Glasgow, Robert Gordon University

MEMBRA
As humans, we don't even have to think about how to use memory. We use it naturally, but do trees have memory?
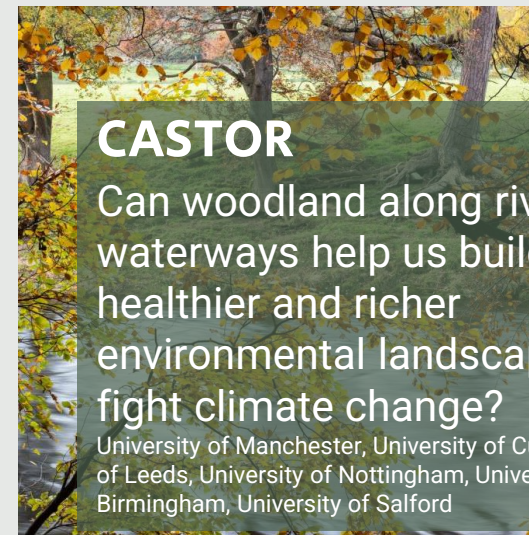University of Birmingham, University of Exeter, University of Leeds, University of Leicester, University of Bangor.

Branching Out
Branching Out looks at the social and cultural values of trees and new ways to map trees with these in mind.
Loughborough University, FR, Open University, University of York, EcoLogos

CASTOR
Can woodland along rivers and waterways help us build a healthier and richer environmental landscape and fight climate change?
University of Manchester, University of Cumbria, University of Leeds, University of Nottingham, University of Birmingham, University of Salford

Call 1 Projects
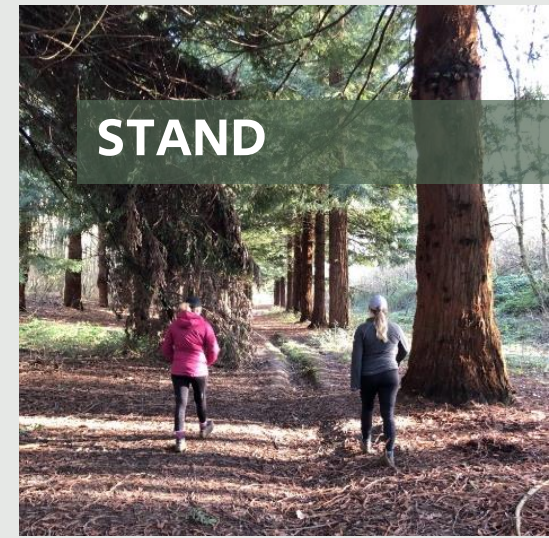
uktreescapes.org/projects
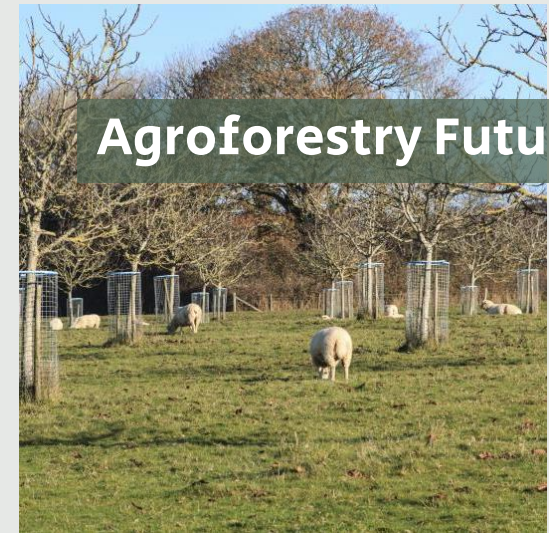
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TreE_PlaNat

iDeer

STAND

DiversiTree

FARM TREE

Agroforestry Futures

Call 2 Projects
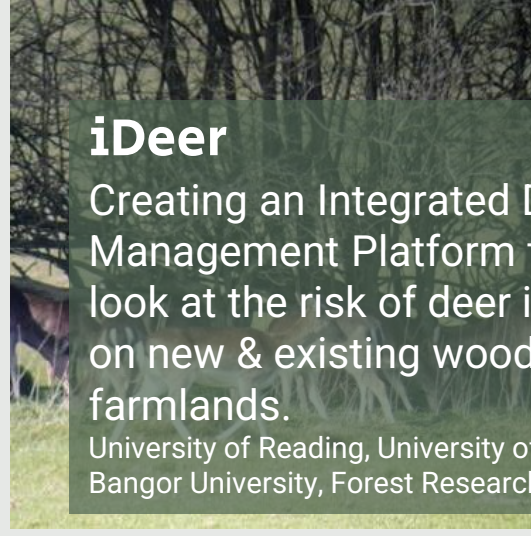
uktreescapes.org/projects

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TreE_PlaNat
Assessing stakeholder perceptions and socio-ecological consequences of woodland expansion through planting & natural colonisation.
University of Stirling, University of Edinburgh, Royal Holloway UoL, Forest Research

iDeer
Creating an Integrated Deer Management Platform that will look at the risk of deer impacts on new & existing woodlands and farmlands.
University of Reading, University of Southampton, Bangor University, Forest Research

STAND
Overcoming scale-mismatch for designing & governing treescape expansion to benefit people & nature.
RSPB, Cardiff University, University of the Highlands & Islands

DiversiTree
Diversifying our woodlands with native & non-native species to increase resilience to climate change, pests and diseases.
James Hutton Institute, Royal Botanic Garden Edinburgh, RSPB, University of Birmingham

FARM TREE
Balancing farm and landscape-scale demands for integrating trees on agricultural land.
University of Aberdeen, James Hutton Institute

Agroforestry Futures
Identifying opportunities & barriers to agroforestry in the UK & co-creating pathways to achieve a sustainable transition to increased agroforestry.
Newcastle University, University of Reading, University of Southampton

Call 2 Projects

uktreescapes.org/projects

Future of UK Treescapes

NERC-funded

- Restoring Floodplain Treescapes for Flood Alleviation

- **Developing good practice guidance for tree planting for urban cooling**

- **Treescape Regulation of Urban Environments (TRUE)**

- **AFFORE3ST: Advancing a planning Framework FOr Regionally Enhanced & Equitable Ecosystem Services from urban Treescapes**

- Knowledge exchange with Norway to improve monitoring & management of mountain woodland restoration

Defra-funded

- Exploring wood pastures for upland UK treescapes

- Landscape restoration of wych elm through genetic & natural breeding techniques

- Securing seed supply for forest expansion – knowledge exchange with Austria

- Addressing barriers to silvoarable & co-developing recommendations for policy

Our Fellows

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Gaps in Programme Portfolio

- Lack of focus on commercial tree species & timber production
- Economic & financial aspects of expansion, including the potential for new or expanded wood-based industries & tree nurseries
- Supply of resilient & biosecure planting stock
- Hedgerows/TOW – risks, benefits, future management for resilience
- Ecological, social, economic & cultural impacts of tree pests & diseases

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Any questions?

Contact us at:

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Uktreescapes.org
Twitter: @UK_Treescapes