

An Introduction to NERC Innovation and Communication

**Mrs Jacky Wood
National Oceanography Centre
On behalf of NERC**



What is NERC?



- NERC is the UK's main agency for funding and managing research, training and knowledge exchange in the environmental sciences at UK universities and NERC's 6 research centres (NOC, BGS, BAS, CEH, NCAS, NCEO)
- Our work covers the full range of atmospheric, Earth, biological, terrestrial and aquatic science, from the deep oceans to the upper atmosphere and from the poles to the equator.
- NERC is a non-departmental public body. We receive around £370 million of annual funding from the Department for Business, Innovation and Skills (BIS).

NERC Innovation & Communications Group



University Partnerships

Focusing on NERC's investment in excellent science

Strengthening relationship with key universities and institutes

Strengthening the delivery and demonstration of impact

- Relationship management
- Impact Accelerator Accounts (£2.6m)
- Aligning strategic investments and activity

Pilot Universities

Imperial College
University College, London
University of Bristol
University of Cambridge
University of East Anglia
University of Edinburgh
University of Exeter
University of Leeds
University of Manchester
University of Oxford
University of Reading
University of Sheffield
University of Southampton

Strategic Business and Policy Partnerships

Priority Areas

Sustainable Food Production

Risk Management

National Infrastructure

Natural Resources

Environmental Data

Innovation Programmes

one2many

Industry led

Shared interests / Pre-competitive

Industry-relevant challenges

Translational & collaborative research

e.g. Business Clubs

Strategic Partnerships

one2one

Flexible

Partner driven

Enhanced KE and access

Brokerage and connectivity

Key Businesses

e.g. M&S, Willis, ARUP, BP, Microsoft
Research...

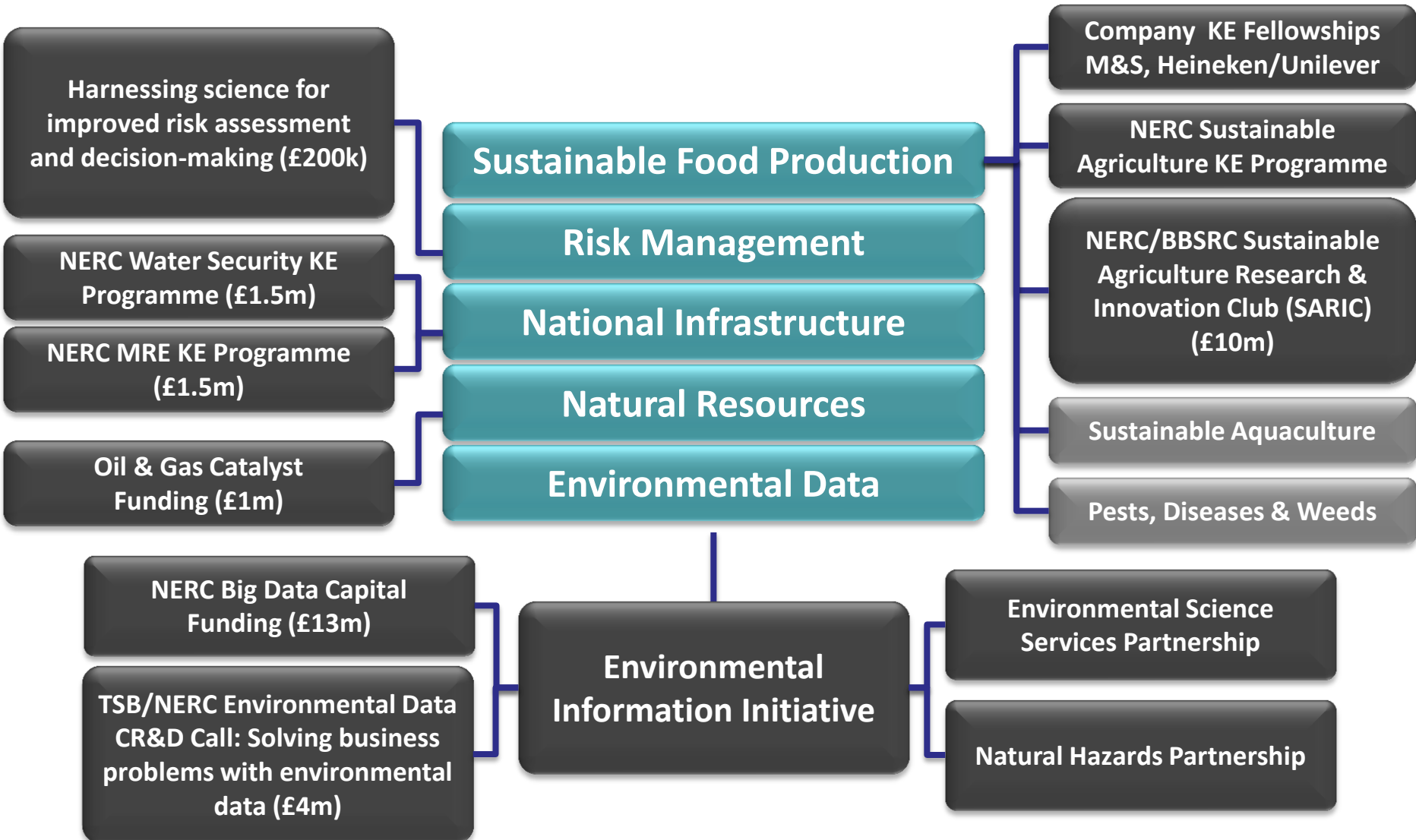
Key Government Departments

e.g. Defra, Dfid...

Key Civil Society Organisations

e.g. National Trust...

Strategic Investments



Research programmes

- Dedicated KE activities/funding streams/KE managers for strategic research programmes eg Ocean Acidification, Shelf Seas biogeochemistry, RAPID, Arctic programmes.
- Activities include synthesis, briefings, stakeholder engagement with policy makers/industry
- Impact plans at level of individual grants (required at proposal stage)
- Increasing demand to demonstrate impacts

KE Support

Biodiversity Offsetting (CEH)

WFD & Water Utilities (Leeds)

Water & Climate Change (CEH)

Nitrogen
management

Embedding Ecosystem
Services

The role of protected areas in
climate change adaptation
strategies: assimilation and
dissemination of evidence (York)

Building the science-policy
interface to protect bathing
water quality (Stirling)

**People Exchange &
Capacity Building**

KE Fellowships

Policy Placements

Internships

**Knowledge Transfer
Partnerships (TSB)**

Translational Projects

KE Projects

CASE Studentships

Commercialisation Funding

Informing policy on the impacts
of air pollution on ecosystems
(Defra: Atmosphere and Local
Env. Programme, Peter Coleman)

Lead for Atmospheric modelling
(Defra: Atmosphere and Local
Env. Programme, Sarah Honour)

Supporting the development of
Government strategy on the
sustainable use of bio-energy
(Defra: Env. & Rural Group, Peter
Costigan /Davinder Lail)

High Level Policy Placement
(Defra: Strategic Evidence and
Analysis)

NERC & BBSRC Science Review
Support for Chief Scientific
Advisor (Defra: Ian Boyd, CSA)

Thank you

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