



# **GANÉ -**

## **A stakeholder perspective**

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# Outline of talk

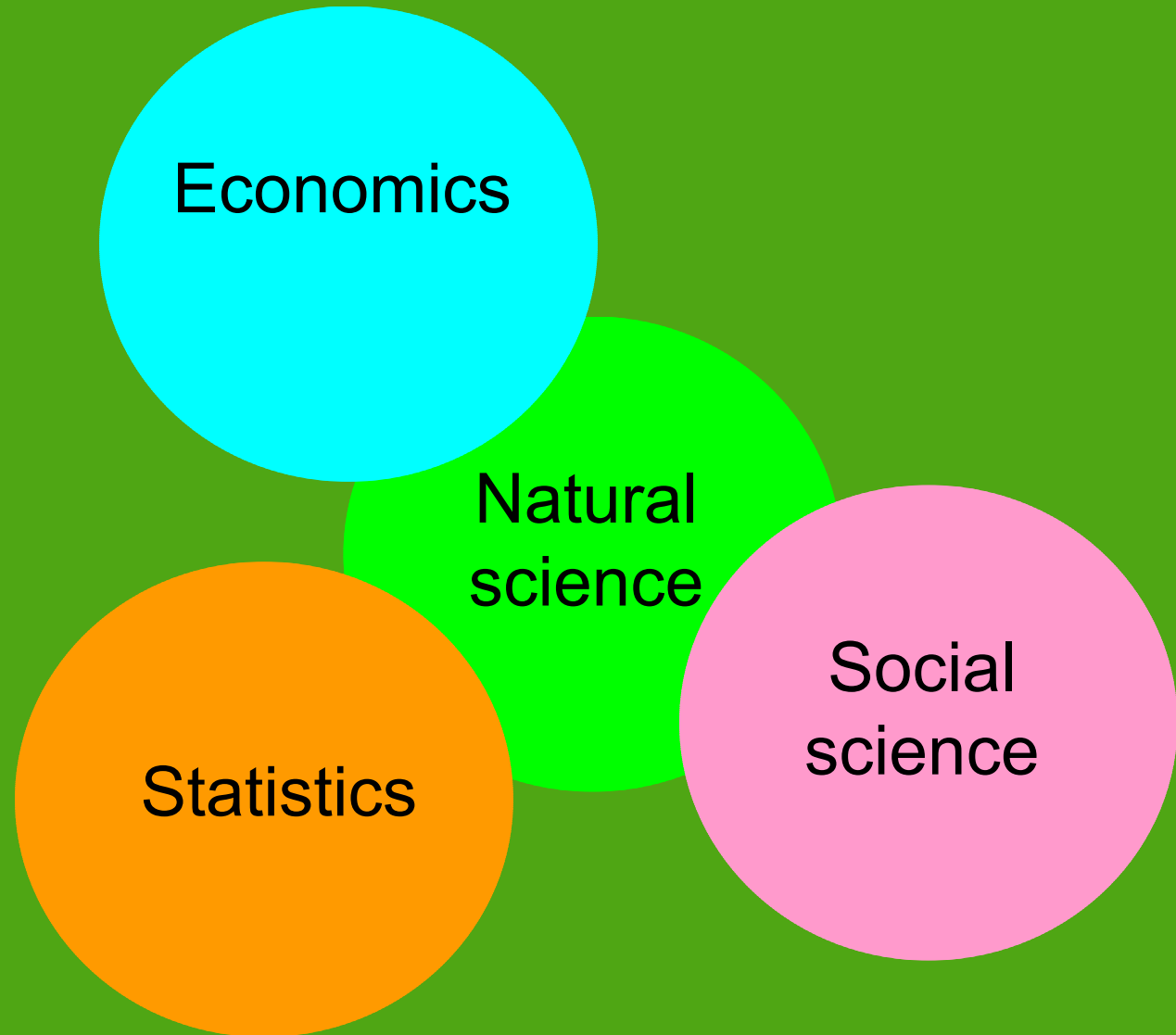
- Evidence for policy making
- Policy relevance of GANE
- A personal perspective on GANE

# Evidence for policy making

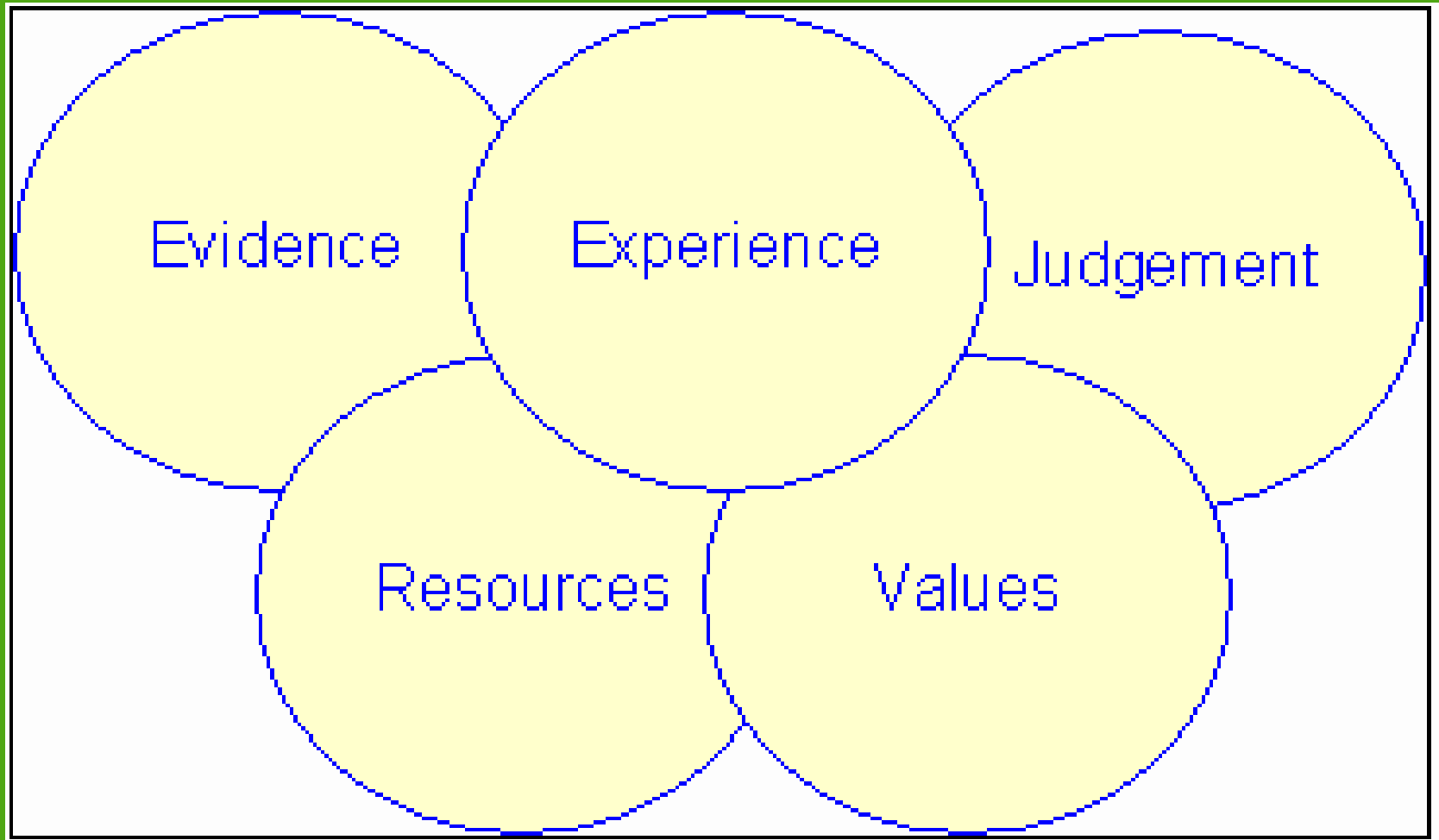
# Evidence based policy

- What does this mean in practical terms?
- How can information from NERC research projects find its way into policy?
- What sort of evidence is useful for policy development?

# Evidence is more than natural science



# Some factors affecting policy



# Importance of context

- Space
- Time
- Economic
- Social
- Other research programmes



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Science & innovation  
investment framework  
2004 - 2014

July 2004

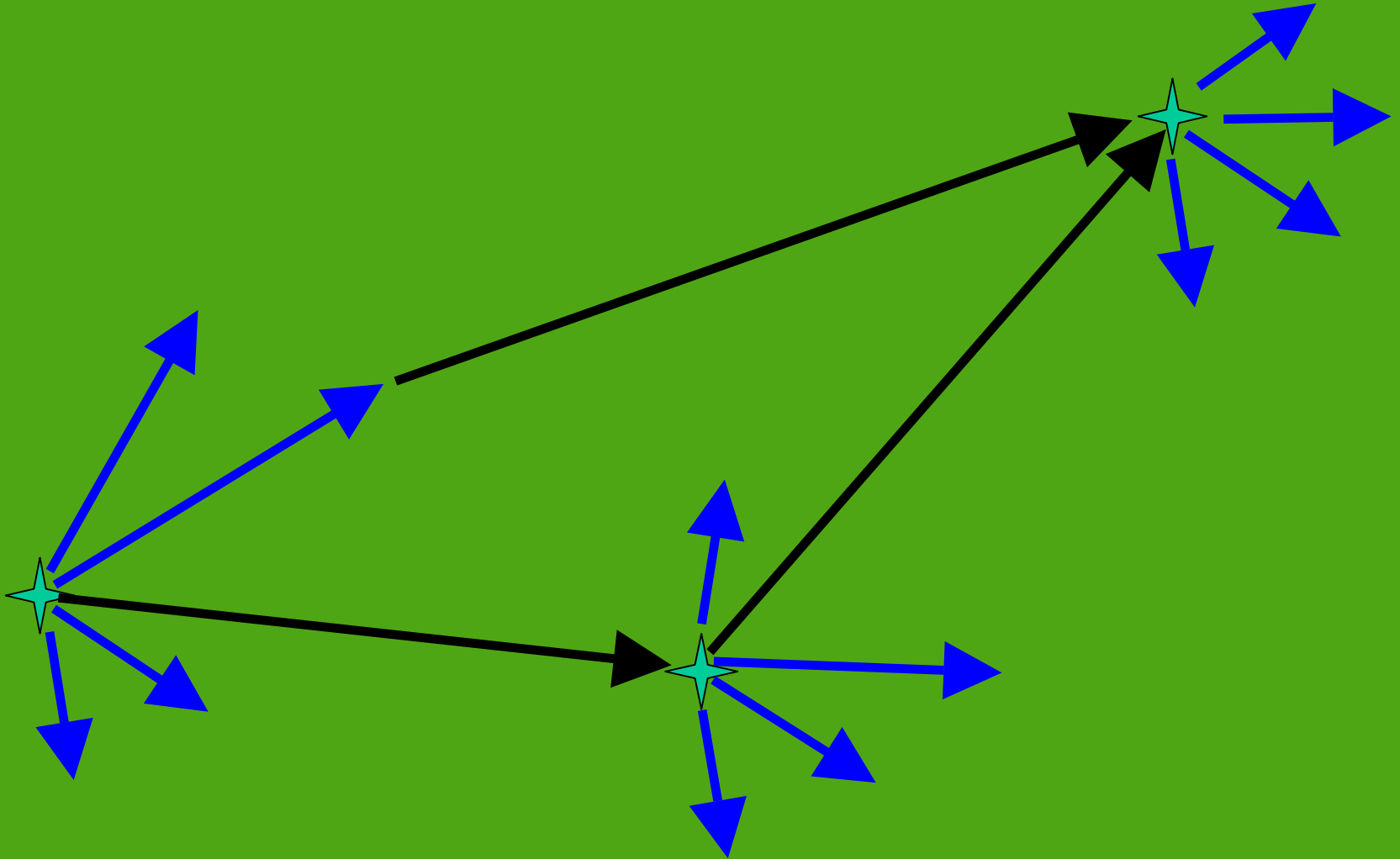
# Ambitions for UK science and innovation

- Greater responsiveness of the publicly-funded research base to the needs of the economy and public services
- Research Councils' programmes to be more strongly influenced by and delivered in partnership with end users of research

- Complementarity between departments' own research programmes and those funded through the Research Councils is crucial:
- to avoid potential gaps and overlaps in publicly funded research
- to maximise the contribution of the UK science base to public service priorities.

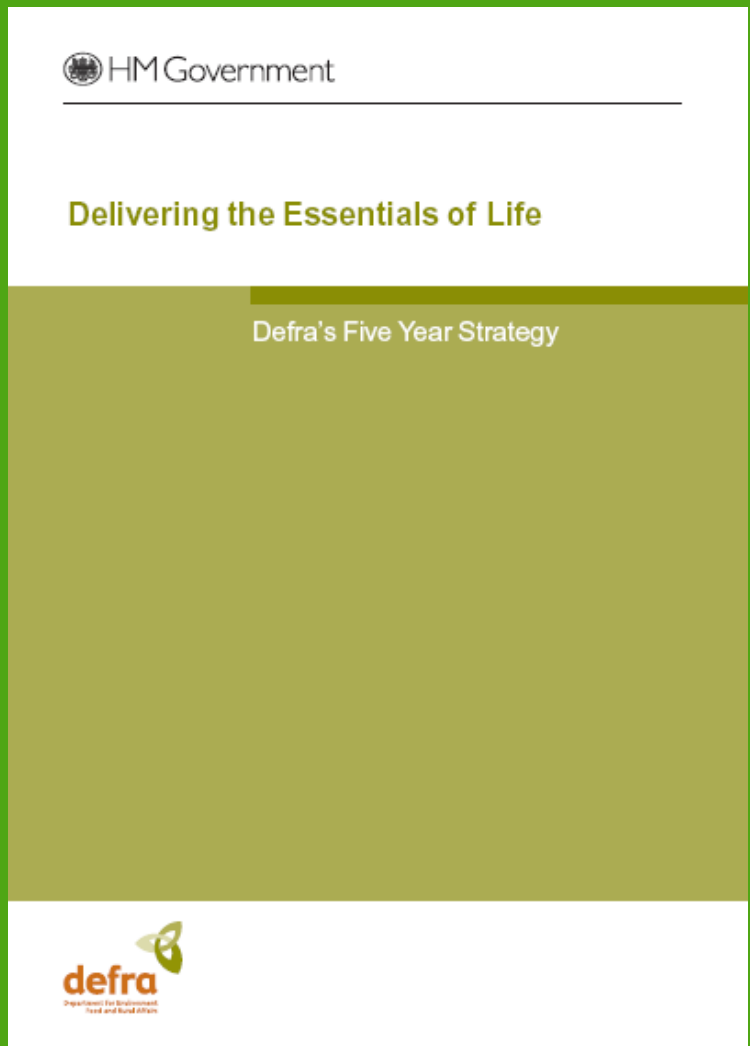
# Development of knowledge

GLOBAL NITROGEN ENRICHMENT



# Policy relevance of GANE

# Defra's 5 year strategy published December 2004



# Defra's 5 strategic priorities

- Climate change and energy
- Sustainable production and consumption
- Natural resource protection
- Sustainable Rural Communities
- Sustainable Farming and Food, including animal health and welfare

# Nitrogen related policy issues

- Ammonia emissions
- Effect of N deposition on habitats
- Nitrate loss from agriculture
- Nitrogen in marine ecosystems
- Water Framework Directive
- Nitrous oxide emissions
- Carbon sequestration
- Sustainable development

# Results with potential policy relevance include:

- Ecological effects of nitrogen deposition
  - Grasslands
  - Woodlands
  - Lichens
  - Arctic
  - Soils
- Levels of dissolved organic nitrogen in rainfall, soils and water
- Nitrous oxide levels in drainage
- Ammonia from seabirds

# The 10-year Horizon published July 2004



# A personal perspective on GANE

# Success factors for Directed Programmes

- Engage with stakeholders from the outset
- Achieve the right project mix
  - Encourage openness in project design stage
  - Facilitate the creation of contextual projects
- Facilitate ongoing liaison between projects
- Draw out the policy messages
- Follow through and communicate