

# Key Note Speech to International SpaceWire Conference

Dundee

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**BNSC**

# BNSC Partners

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- **Department of Innovation Universities and Skills** (host organisation, education and careers)
  - **Science, Technology & Facilities (Research) Council** (astronomy and planetary exploration)
  - **Natural Environment Research Council** (earth-observation science)
  - **Ministry of Defence** (military/civil interface)
  - **Met Office** (weather forecasting and impacts)
  - **Foreign and Commonwealth Office** (bilateral/multilateral issues)
  - **Department for Business Enterprise and Regulatory Reform** (industrial development)
  - **Department for the Environment, Food & Rural Affairs** (climate change, agriculture, national environmental issues)
  - **Department for Transport** (transport, navigation)
  - **Rutherford-Appleton Laboratory** (space science, earth observation projects)
  - **Industry** (technology development and commercial issues)
  - **The Universities** (analysis and instrument development)

# BNSC Role

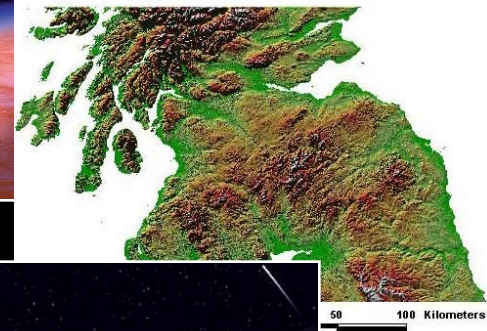
- Co-ordinate UK civil space activity
- Support academic research
- Nurture the UK space industry
- Work to increase understanding of space science and its practical benefits

# UK Space Strategy : Objectives

- To enhance the UK's standing in astronomy, planetary and environmental sciences
- To stimulate increased productivity by promoting the use of space in Government, science and commerce
- To develop innovative space systems, to deliver sustainable improvement in quality of life



**Central Scotland**  
100m resolution Landmap DEM



# UK Civil Space Expenditure

- Total spend 2005/6 - £207M
  - ~65% through ESA
  - Only £4.5 for technology
- Outcome of CSR 2007 awaited, but hopeful that there will be more funding for technology development

# Benefits of SpaceWire

- Ability to reuse interfaces developed for other mission
- This leads to:
  - reduced development costs (=cheaper)
  - reduced development timescales (= faster)
  - improved reliability (=better)
- Also increases the amount that can be achieved within a limited budget, making missions more cost effective.

**= BETTER VFM !!**