



# The Role of the Geological Survey in the Planning Process in Northern Ireland

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### **Summary**



- •The Geological Survey of Northern Ireland (GSNI)
- GSNI Datasets
- •GSNI's Role in the Planning Process
- •Geological Considerations in Land Use Planning
- Communicating Geoscience Information
- Conclusions





#### Geological Survey of Northern Ireland



- "National" geological survey for Northern Ireland
- Established in 1947
- Based in Belfast
- Currently employing 8 geologists plus 8 support staff
- •Funded by the Dept of Enterprise, Trade & Investment (DETI)
- Managed by BGS on behalf of the DETI



#### **GSNI Mission & Aims**



"To provide the essential geoscience information necessary to promote economic growth, especially in relation to minerals, energy, groundwater, land use and natural hazards"

#### <u>Aims</u>

- •Provide impartial geoscience information and advice to DETI, Government Departments & the private sector
- Maintain a continuity of locally based geological expertise
- •Develop and manage geoscience data sets for the public good
- •Provide up to date quality assured geological map coverage for Northern Ireland
- •Help ensure sustainable development of resources



# Department of Enterprise Trade & Investment



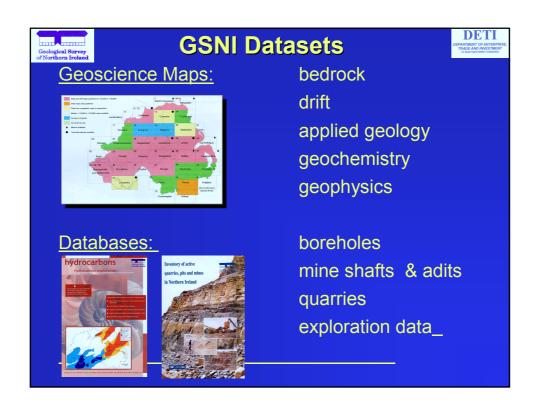
- •One of 11 government departments of the NI Executive established under the Northern Ireland Act (1998)
- •Responsibilities ranging from economic policy and development, tourism, health and safety and consumer protection
- •Invest Northern Ireland is one of 4 agencies within DETI
- •GSNI advises DETI on mineral and petroleum exploration and abandoned mines

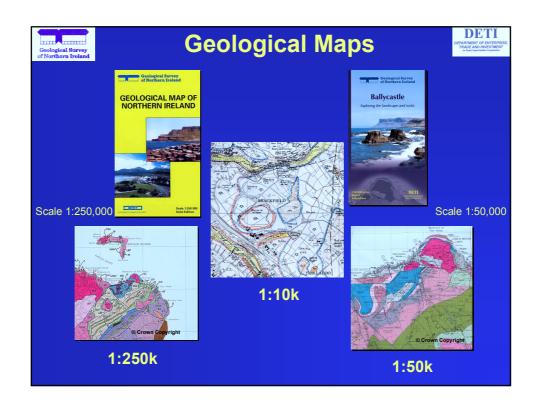


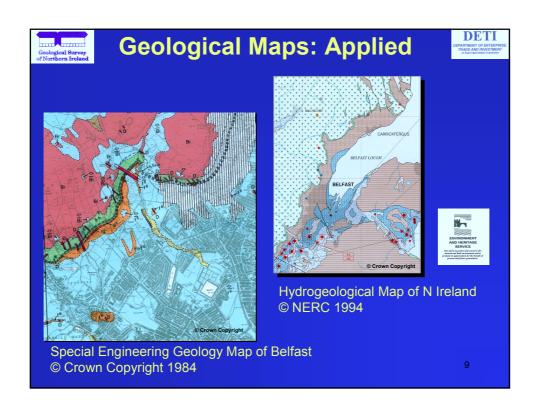
# Demand for Geoscience Information

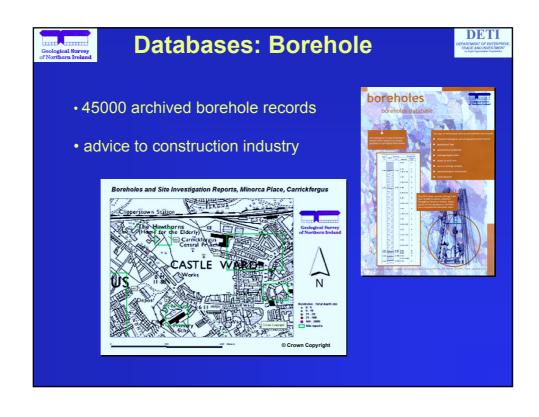


- Demand for information has grown steadily during the past 10 years
- •GSNI answered 600 geological enquiries in 2002
- •Planning Service consultations and enquiries relating to environmental impact assessment is the main growth sector.
- Demand driven by EC Directives and economic growth

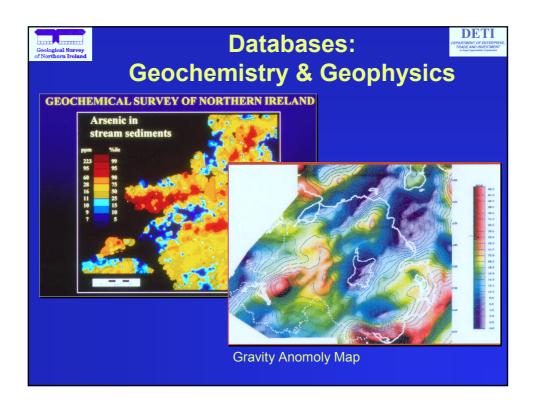
















## **The Planning Service**



- •The Planning Service is an Executive Agency of the Department of the Environment (NI)
- •The Department of the Environment's aims to:
- ".....improve the quality of life for people in Northern Ireland through the promotion of sustainable development activities in all the activities of government and wider society" (Planning Service Corporate Plan 2003/04)



## GSNI's Role in the Planning Process



- •GSNI provides professional advice/ information to Planning Service under a Service Level Agreement
- •Statutory consultation inputs include:
  - Strategic & Area Plans
  - Planning Policy Statements (PPS)
  - Development Control Action Notices (DCANs)
  - •Individual Planning Applications



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## GSNI's Role in the Planning Process



- •GSNI collects and manages Northern Ireland's principal geoscience data sets
- •Data is used to establish baseline conditions and provides site specific information in support of planning and economic development
- •geological information supports planning at three levels:
  - Strategic
  - Local
  - Site specific







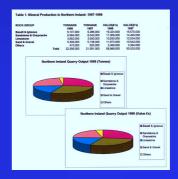


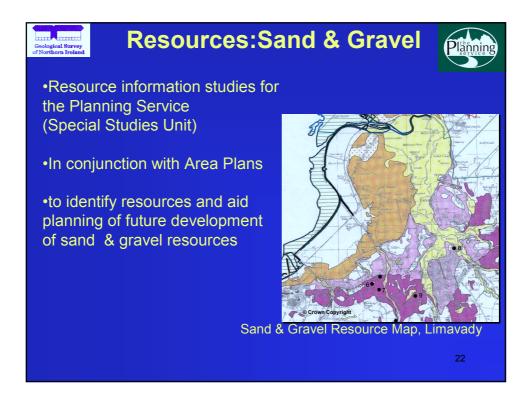


#### Resources



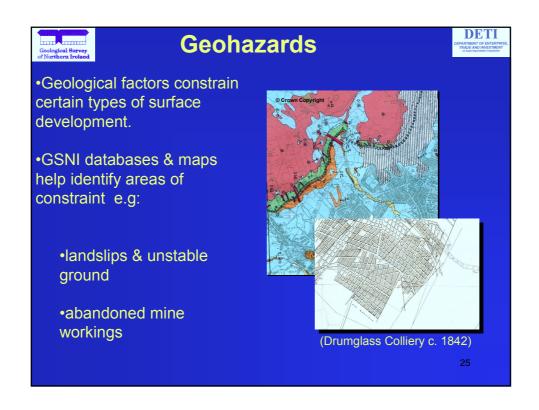
- Planning Service, GSNI & DETI all have responsibility for ensuring sustainable development
- •Resources generally finite and important/essential to the economic well-being of the country.
- Northern Ireland resources include: minerals: aggregates, sand & gravel, brick clays MDA minerals; salt & gold?
  - •energy: lignite & petroleum?
  - •groundwater
  - •landscape

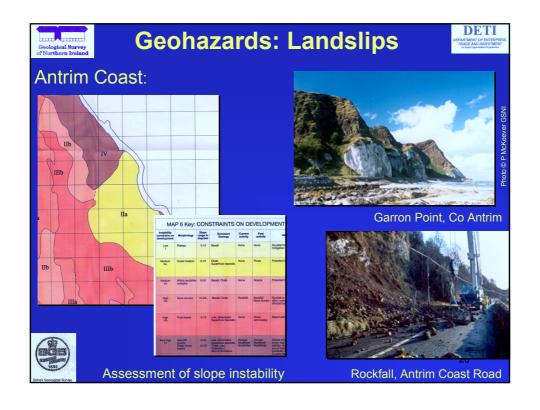






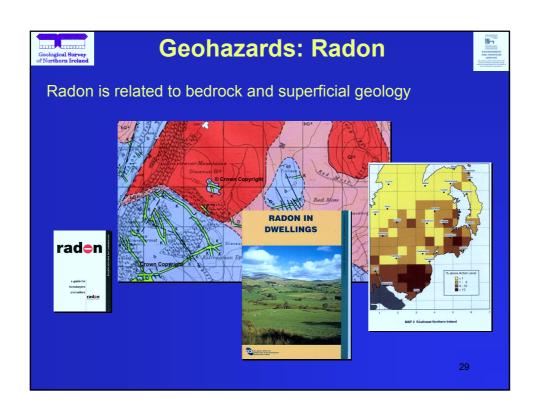


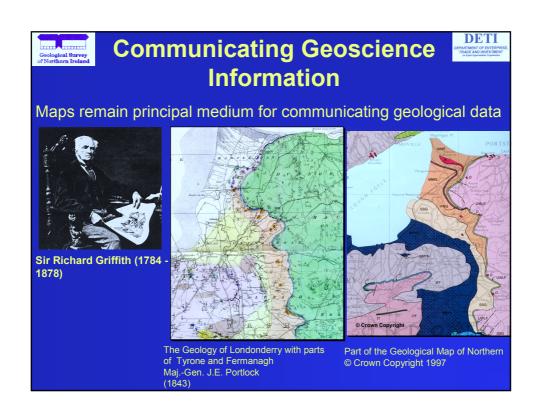


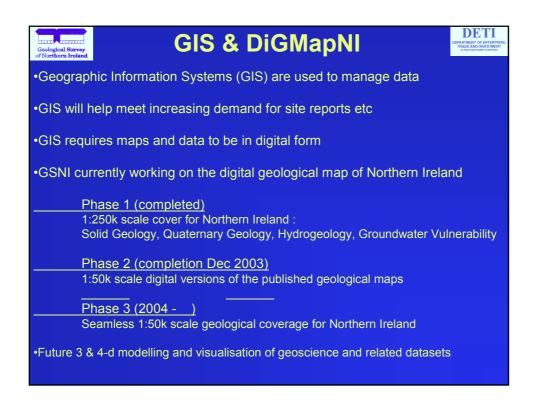


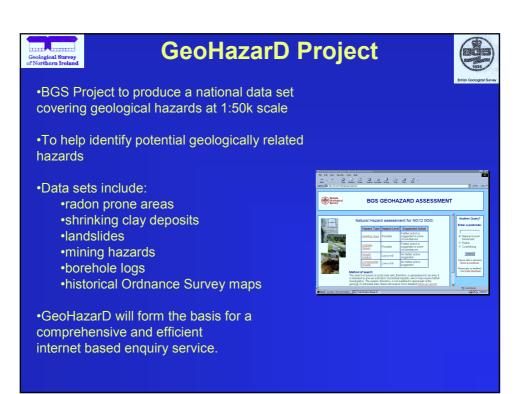


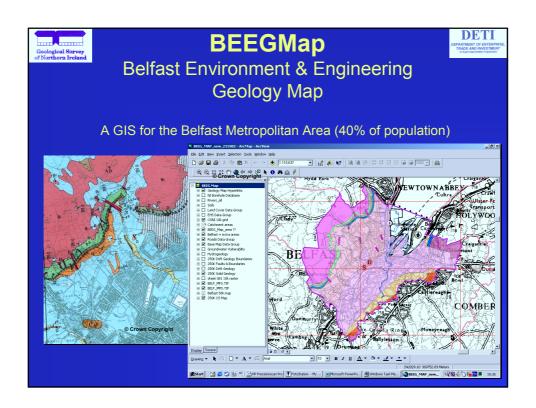














#### **Conclusions**



- •Geology is a fundamental consideration in many aspects of land use planning
- •GSNI manages a unique geoscience resource for N Ireland
- •GSNI data is available to public and private sector users
- •Demand for geoscience data has grown in recent years
- •Demand is driven by EC environmental directives
- •GIS offers improved means for communicating and sharing geoscience information & advice



## Where to find us



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