

Customised Geological Information for Spatial Planning: A key Goal for Geological Surveys

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GSI

Ireland's National Earth Science Agency
Dept. Communications, Marine & Natural Resources
50 permanent staff / 50 Contract staff
Geologists, Cartographers, Technicians, IT & Admin.

Information gathering-Data storage / Archive
Data in context- Information (Maps & Reports)
Knowledge Centre- Advice, Consultation, Projects

WWW.GSI.IE & WWW.GSISEABED.IE



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Goal 1): To provide easily accessible and accurate geological information

GSI eStore

Web Mapping

www.gsi.ie

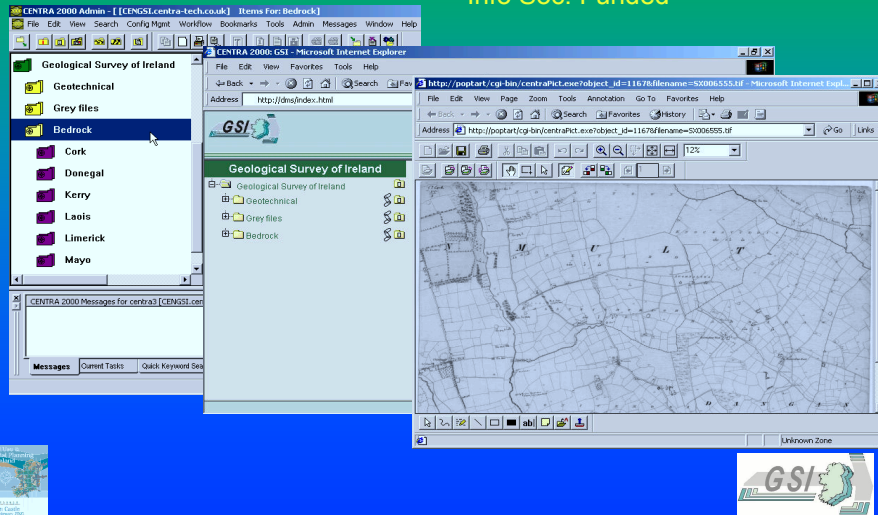
4

Goal 1) Document Management System

0.5M pages - 1.4Tb

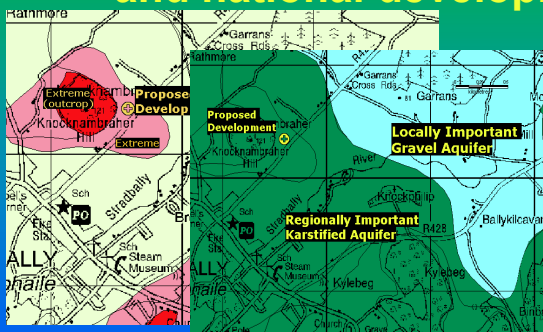
Web Interface (intranet)

Info Soc. Funded



5

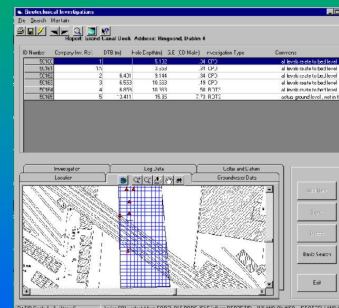
Goal 2) To support sustainable development, environmental protection and national development plans



Vulnerability

Aquifer Classification

Groundwater Protection Schemes

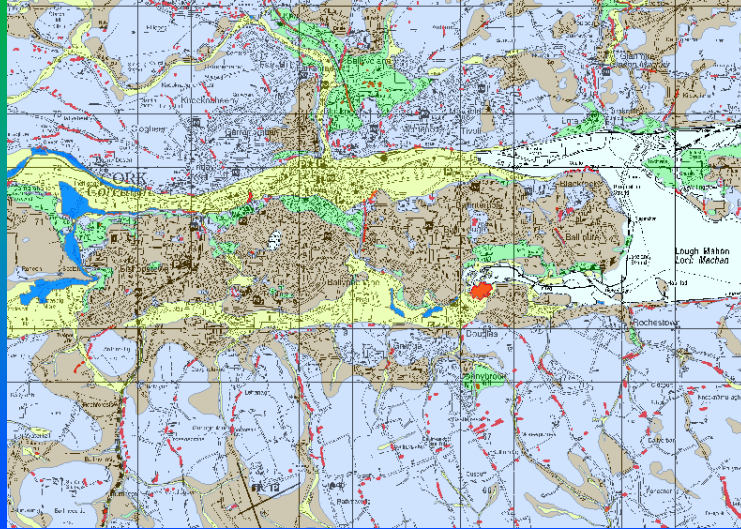


Geotechnical
Database

6

Goal 2)

Indicative Floodplain Mapping Proposal



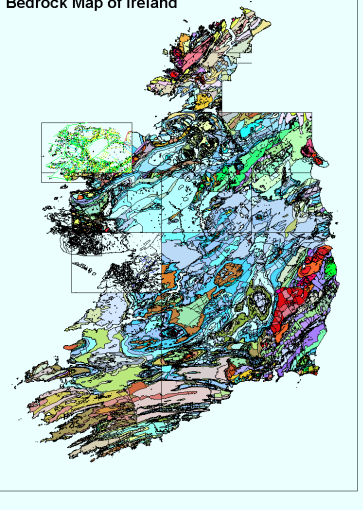
Alluvium + Areas of Inundation
Cork City



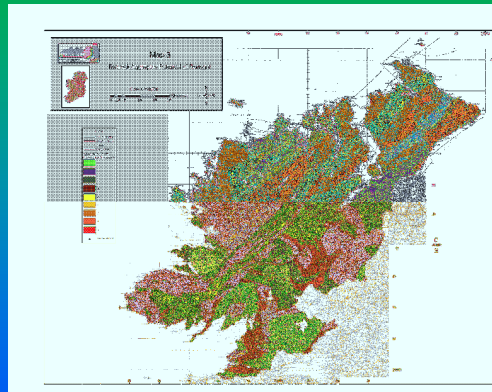
7

Goal 3) To map Ireland's earth resources

Bedrock Map of Ireland



Digital Geological Mapping



Aggregate Potential Mapping



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Goal 4) To provide public understanding of the role of the GSI and geology in Irish Society

