Openly Accessible GIS Data
and
Local Government Planning Policy

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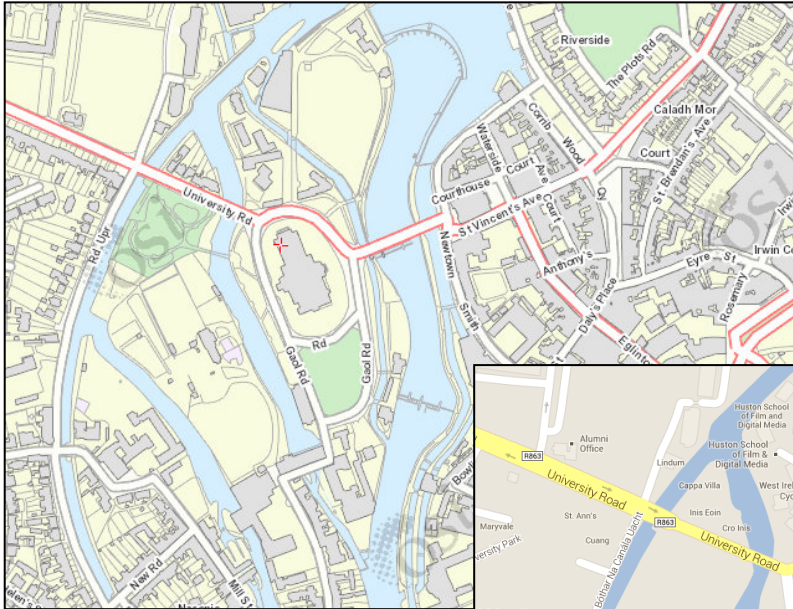NUI Galway

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June 2013

Ryan Institute
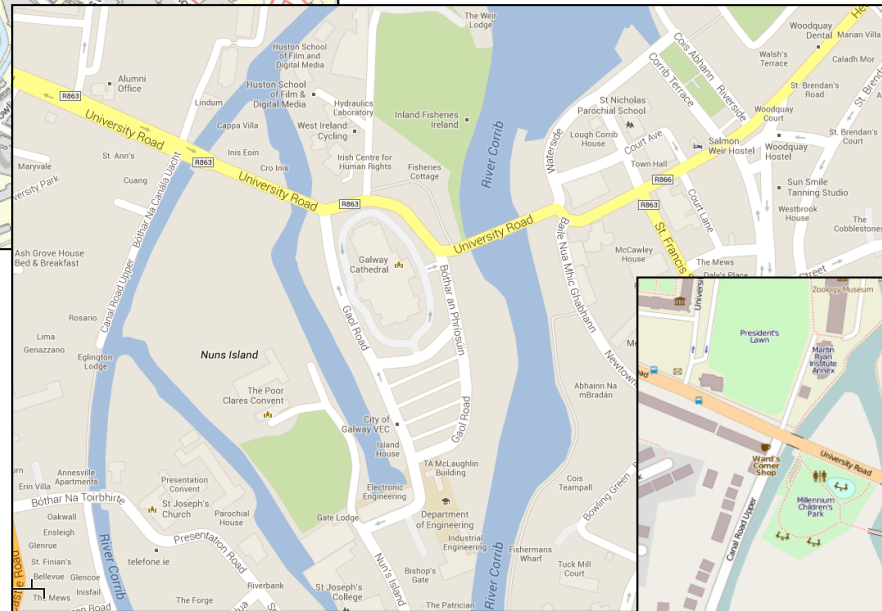
OÉ Gaillimh NUI Galway

GIS Centre

GIS Data: Licenced to Openly Accessible
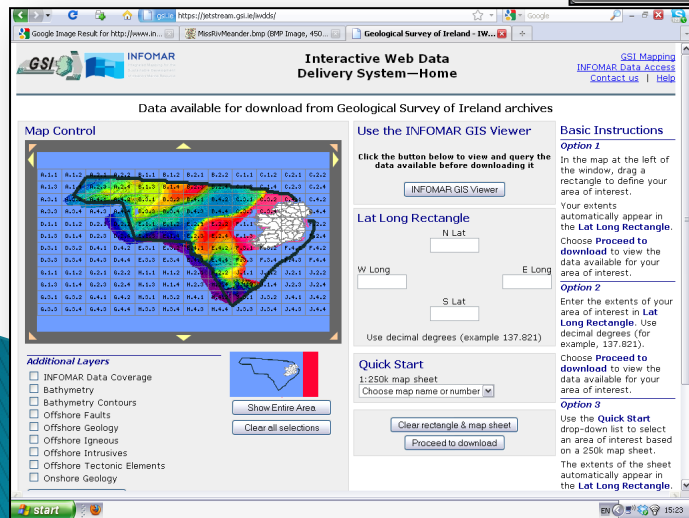
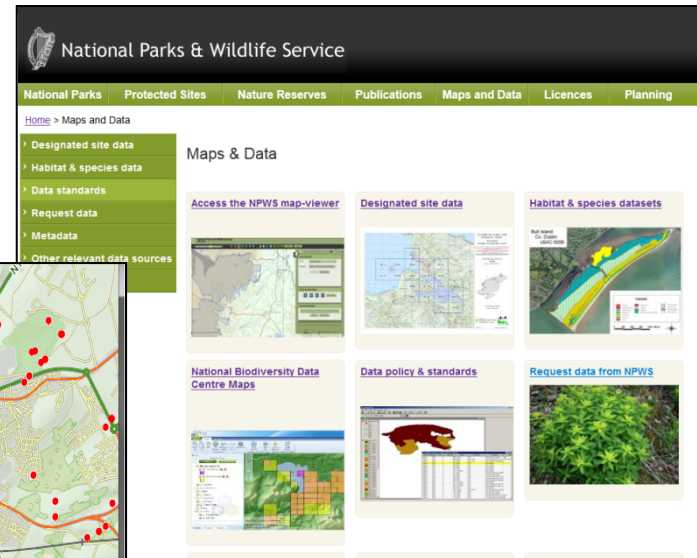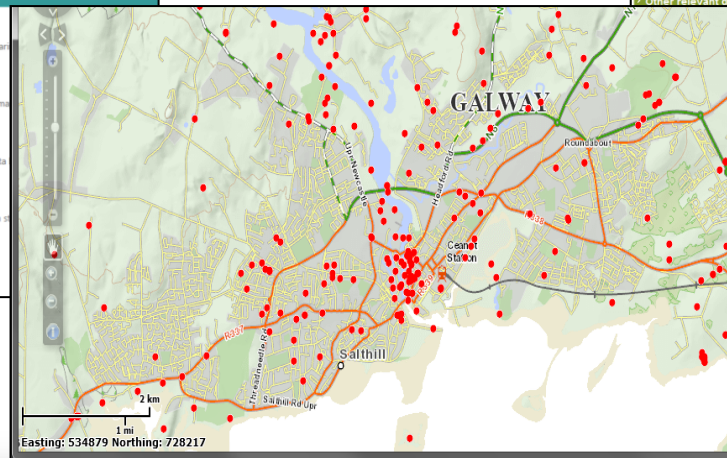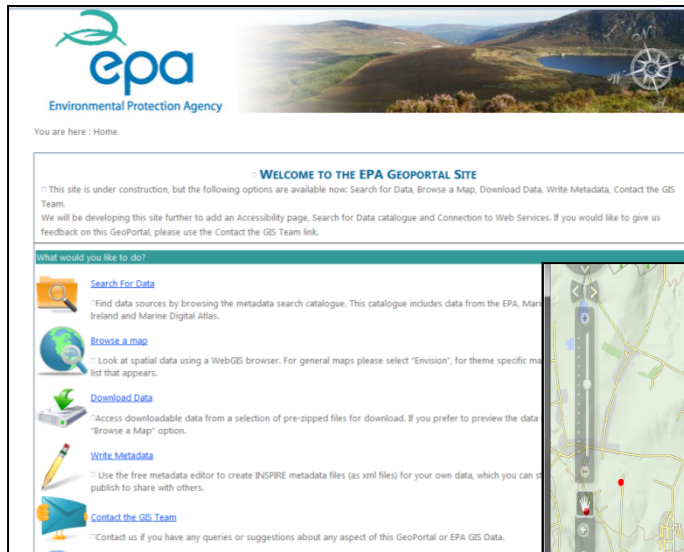Ordnance Survey Ireland – WMS (Licenced)

Google Maps
(Limited use)

OpenStreetMap
(Open use)

Sources of Openly Accessible GIS Data:

Geological Survey of Ireland (GSI)

## Sources of Openly Accessible GIS Data:

- IRLOGI http://www.irlogi.ie/

- National Inventory of Architectural Heritage www.buildingsofireland.ie/Surveys/Buildings

- Central Statistics Office http://www.cso.ie/en/census/

- GSI IWDDS https://jetstream.gsi.ie/iwdds/

- DCENR http://www.dcenr.gov.ie/spatial+data

- Marine Institute http://www.infomar.ie/data/

- NPWS http://www.npws.ie/mapsanddata

- EPA http://gis.epa.ie//

- EPA http://gis.epa.ie//ENVISION

- NIEA http://www.doeni.gov.uk/niea/other-index/digital-intro.htm

- GISCO http://epp.eurostat.ec.europa.eu/portal/page/portal/gisco_Geographical_information_maps/introduction

- EIONET http://www.eionet.europa.eu/
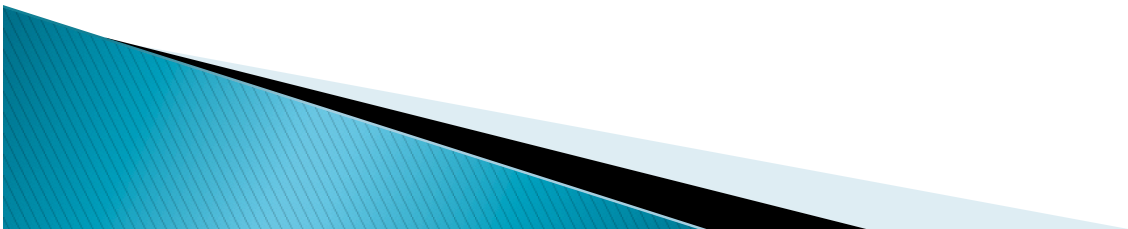
County Development Plans

- Under Section 11(1) of the Planning and Development Act 2000

    - Must conduct 2009-2015 Plan Review

    - 2014 – 2020 County Development Plan

- Strategic Environmental Assessment & Habitats AA

- GIS serves an essential role in compiling and visualising fut potential future environmental issues/pressures
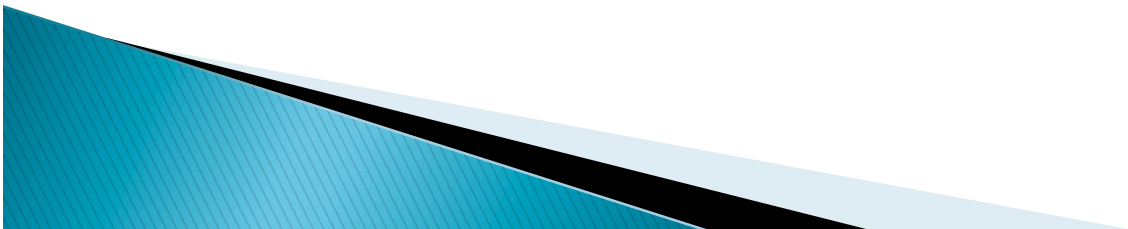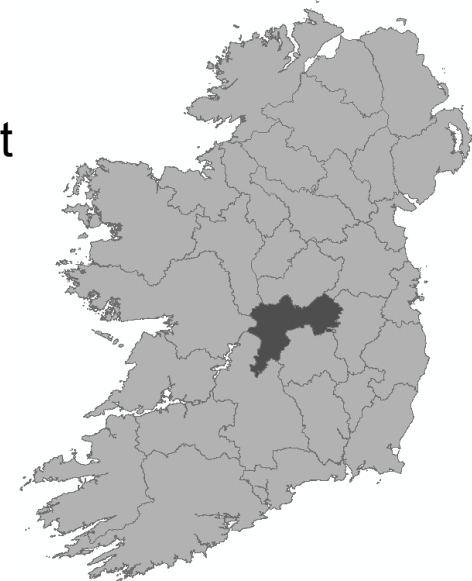
Strategic Environmental Assessment - SEA

- Directive 2001/42/EC of the European Parliament (2001)

- An SEA is **mandatory** for plans/programmes which are:

   … prepared for agriculture, forestry, fisheries, energy, industry,   transport,

   waste/water management, telecommunications, tourism, town &

   country planning or land use <u>and</u> which **set the framework** for future

   development consent of projects listed in the EIA Directive

OR

   …have been determined to require an assessment under the **Habitats**

   Directive.

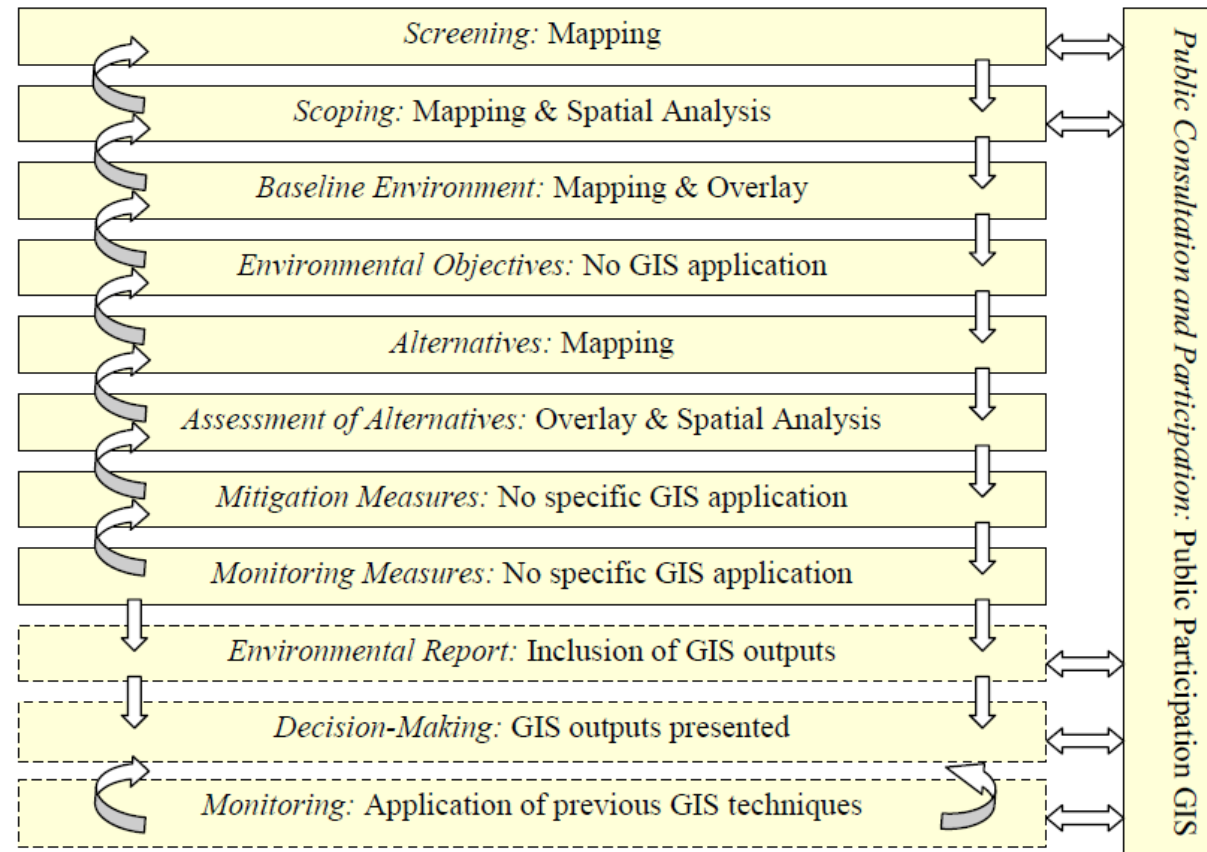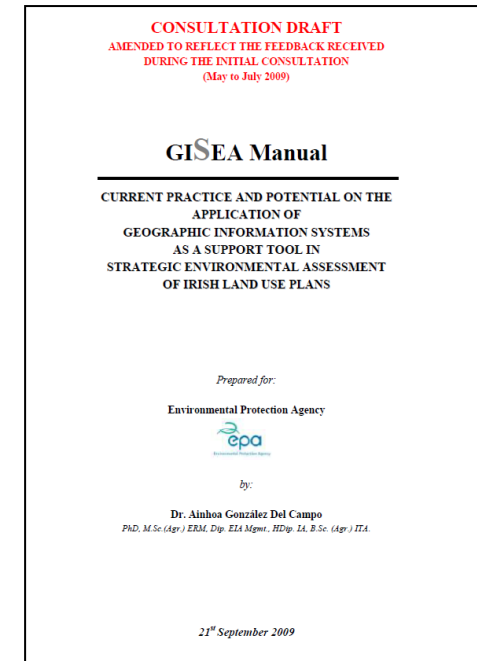# Strategic Environmental Assessment - SEA

Figure 3.1. SEA stages and GIS application/s for each of the stages.

Irish Geological Heritage Programme – County Geological Sites

- Commenced 1998

- Heritage & Planning Programme GSI & NPWS

- Primary objective of identifying and selecting sites that best represent the geological heritage of Ireland for designation as Natural Heritage Areas.

Geology is now recognised as an intrinsic component of natural heritage:

1. Planning and Development Act 2000

2. Planning and Development Regulations 2001

3. Heritage Act 1995

4. Wildlife (Amendment) Act, 2000.

The Heritage Act and the Planning Regulations place responsibility upon Local Authorities to ensure that geological heritage is addressed within Heritage Plans and integrated into revised County Development Plans.

Irish Geological Heritage Programme – County Geological Sites
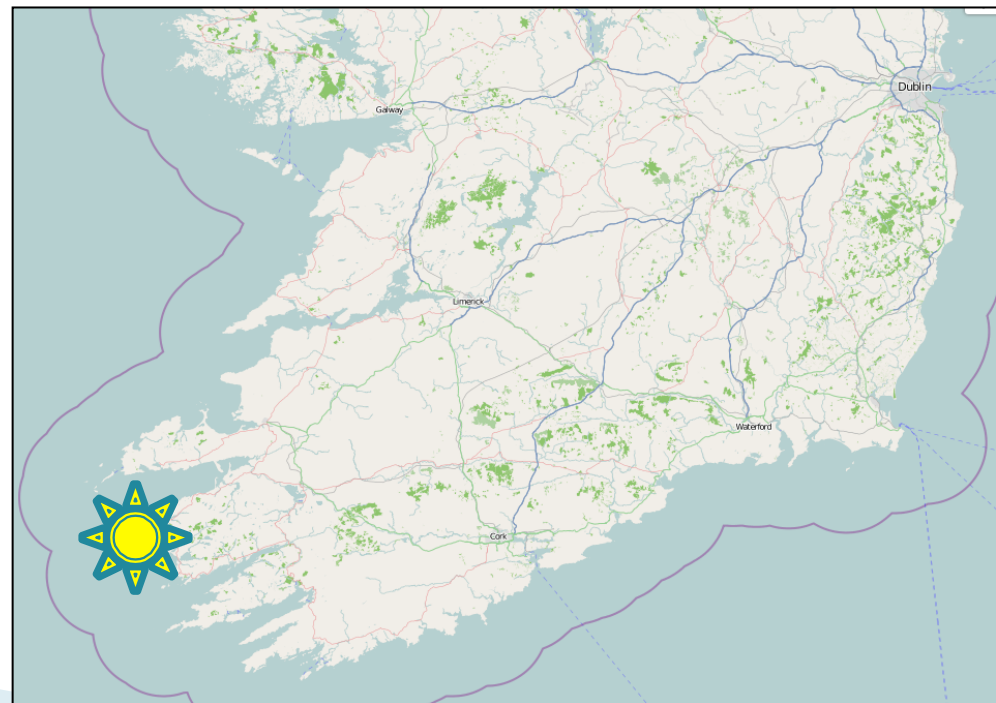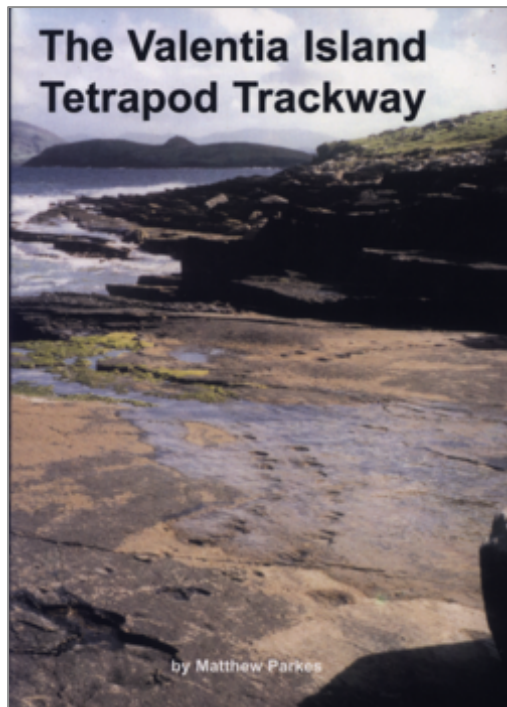
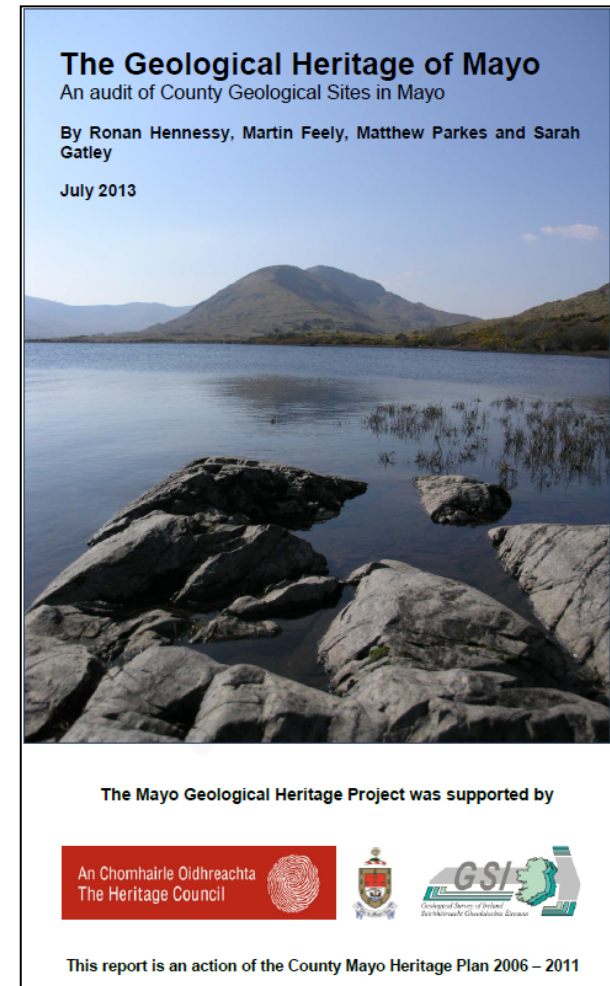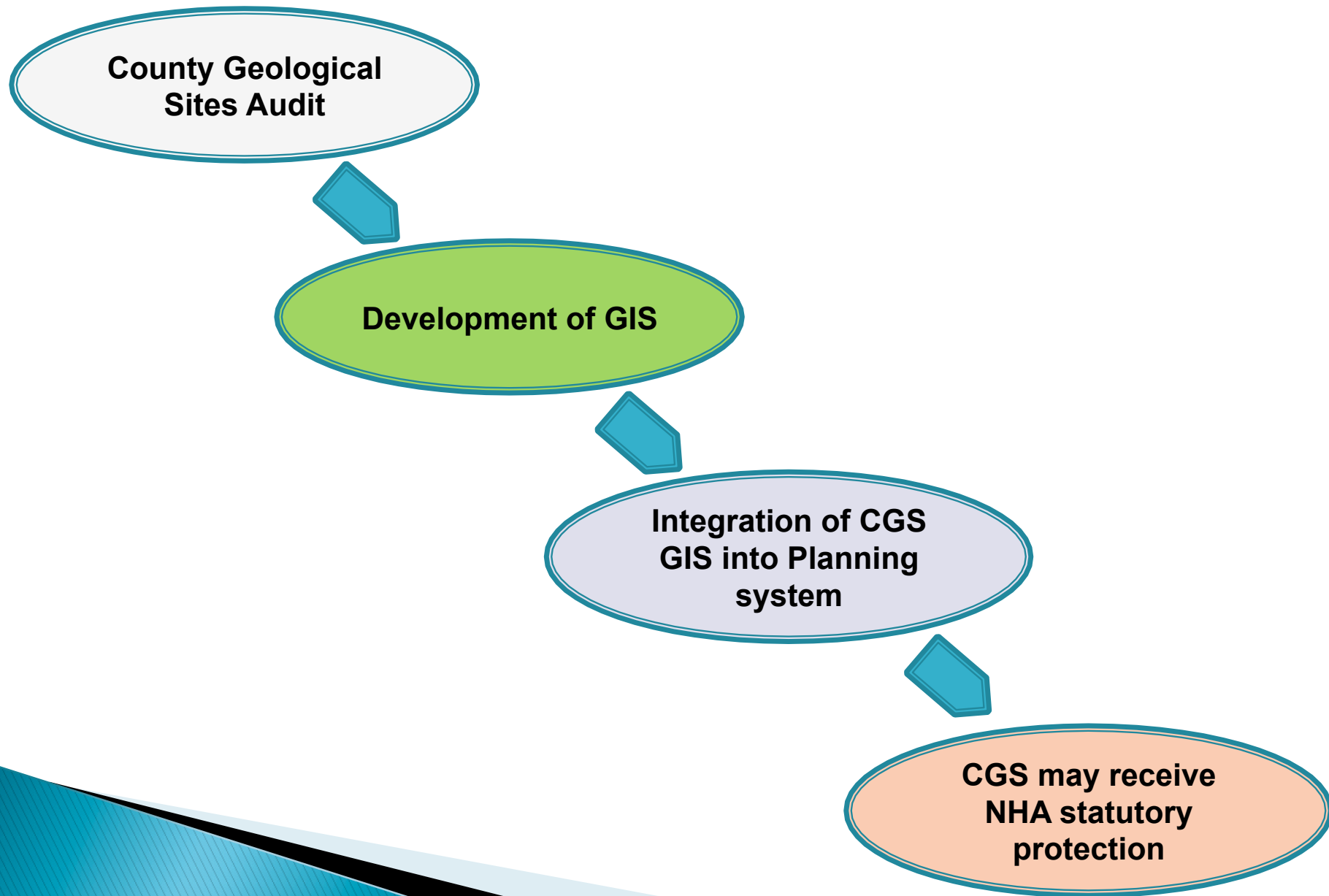# Irish Geological Heritage Programme – County Geological Sites

- County Audits completed to date:
    - Carlow
    - Kildare
    - Sligo
    - Clare
    - Waterford
    - Roscommon
    - Meath
    - Kilkenny
    - Fingal

- Mayo County Council – to be completed in 2013

The Geological Heritage of Mayo
An audit of County Geological Sites in Mayo

By Ronan Hennessy, Martin Feely, Matthew Parkes and Sarah Gatley

July 2013

The Mayo Geological Heritage Project was supported by

An Chomhairle Oidhreachta
The Heritage Council

GSI

This report is an action of the County Mayo Heritage Plan 2006 – 2011

Irish Geological Heritage Programme – County Geological Sites

County Geological Sites Audit

Development of GIS

Integration of CGS GIS into Planning system

CGS may receive NHA statutory protection

INSPIRE - **Infrastructure for Spatial Information in the European Community**

- County Geological Site Audits are INSPIRE compliant

- Directive 2007/2/EC of the European Parliament (May 2007)

- To ensure that spatial data infrastructures of the Member States are compatible and usable in a Community and trans-boundary context.

- ISDE – Irish Spatial Data Exchange
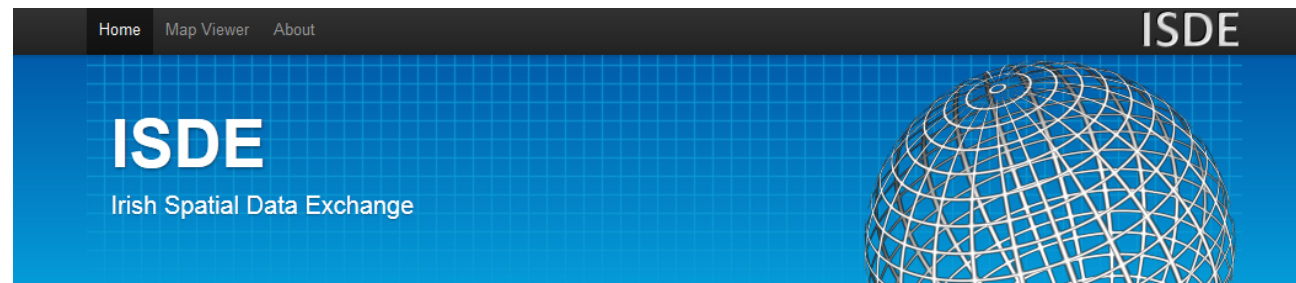
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