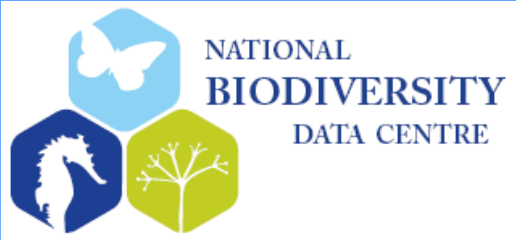


National Biodiversity Data Centre – challenges and opportunities for the new centre

Irish Biodiversity - Countdown to 2010

15 October 2007



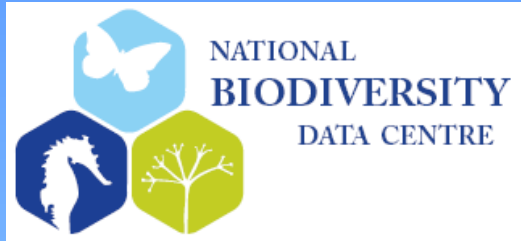
Policy context

National Biodiversity Plan

Action 42: Put in place a national biological data management system to be co-ordinated by a National Biological Recording Centre.

Programme for government

Resource the national Biological Records Centre as a central database to record the richness of Ireland's flora and fauna and as a centre of research excellence.



Mapping system

Reference layers – OSi ortho-photos, 1:50,000 Discovery Series

Designated sites – SACs, SPAs, NHAs, Nature reserves

Geology & soils – bedrock geology, soils, aquifers

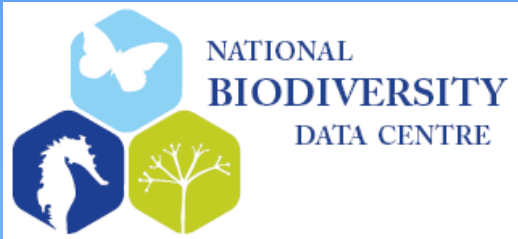
Topography – rivers, contours

Climate – rainfall, sunshine & other synoptic data

Land cover & habitat maps – CORINE, habitat maps, forestry,

Environmental monitoring – Environmental Protection Agency

Planning layers – County Development Plans



Current projects

National level projects

National vegetation database
Invasive species database
Climate change indicator (butterflies)

Collaboration with state agencies

NPWS:

Water Beetles of Ireland

Joint Cetacean database

NMI, Natural History:

Spider collection digitisation

Central Fisheries Board:

Database of freshwater fish in lakes

National Botanic Gardens:

On-line census catalogue

Collaboration with NGOs

Web flora of County Waterford – Paul Green & BSBI

Macro-moth digitisation – Ken Bond & MothsIreland