

# **SECTION 10 - ENVIRONMENT: Data Sources**

<http://www.environ.ie/en/Environment/> ROI DECLG General Info about Environment

<http://www.nisra.gov.uk/publications/default.asp8.htm> NI General Info about Environment / data

The main data required about the Environment is:

## 10.0 Planning Activity

ROI 2012, see particularly Tables 3,

<http://www.environ.ie/en/Publications/StatisticsandRegularPublications/PlanningStatistics/FileDownload,30970,en.xls> ROI 2012, see particularly Tables 3,

[http://www.planningni.gov.uk/index/tools/about-statistics/annual\\_publication\\_1213v2.pdf](http://www.planningni.gov.uk/index/tools/about-statistics/annual_publication_1213v2.pdf) NI 2012, see particularly pages 6, 13, 14 & 20

<http://www.geopii.com/planning/> NI 2013 Example of private sector mapping & list of planning applications across NI

Area Plans

[http://www.planningni.gov.uk/index/policy/dev\\_plans/devplans\\_az/armagh\\_2004.htm](http://www.planningni.gov.uk/index/policy/dev_plans/devplans_az/armagh_2004.htm) Armagh  
Not online (old plan, 1995)

[http://www.planningni.gov.uk/index/policy/dev\\_plans/devplans\\_az/cookstown\\_2010.htm](http://www.planningni.gov.uk/index/policy/dev_plans/devplans_az/cookstown_2010.htm) 2005,  
the large maps are not online

[http://www.planningni.gov.uk/index/policy/dev\\_plans/devplans\\_az/dungannon\\_2010.htm](http://www.planningni.gov.uk/index/policy/dev_plans/devplans_az/dungannon_2010.htm) 2005,  
the large maps are not online

[http://www.planningni.gov.uk/index/policy/dev\\_plans/devplans\\_az/fermanagh\\_2007.htm](http://www.planningni.gov.uk/index/policy/dev_plans/devplans_az/fermanagh_2007.htm) Text  
only, no maps online (old plan, 1997)

Magherafelt

[http://www.planningni.gov.uk/index/policy/dev\\_plans/devplans\\_az/magherafelt\\_2015/magherafelt2015-techsupp-industry.pdf](http://www.planningni.gov.uk/index/policy/dev_plans/devplans_az/magherafelt_2015/magherafelt2015-techsupp-industry.pdf) 2011

[http://www.planningni.gov.uk/index/policy/dev\\_plans/devplans\\_az/omagh\\_1987.htm](http://www.planningni.gov.uk/index/policy/dev_plans/devplans_az/omagh_1987.htm) not online  
(old plan, 1992)

<http://www.myplan.ie/viewer/> Tick the 'Plan Areas' Layer - for all areas are shown - NI not yet  
included.

[http://www.leitrimcoco.ie/eng/Services\\_A-Z/Planning\\_and\\_Building\\_Control/Co-Development-Plan-09-15/](http://www.leitrimcoco.ie/eng/Services_A-Z/Planning_and_Building_Control/Co-Development-Plan-09-15/)

<http://www.monaghan.ie/en/services/planning/monaghancountydevelopmentplan2013-2019/documentation/>

[http://www.sligococo.ie/media/CDP%2020112017\\_Volume1FullDocument\\_lores2.pdf](http://www.sligococo.ie/media/CDP%2020112017_Volume1FullDocument_lores2.pdf)

See also Section 2 for other Planning documents.

## 10.1 Natural Heritage Designations

There are a number of main relevant ‘tourism-type’ designations, related to natural beauty:

- There is one **National Park**, close to the Central Border Region, at Glenveigh in NW Donegal, being one of only six in the Rol. There are no National Parks in the NI part of Region, though Fermanagh Lakelands is 1 of 3 currently proposed in NI.  
<http://www.glenveaghnationalpark.ie/>  
[http://en.wikipedia.org/wiki/National\\_parks\\_of\\_England\\_and\\_Wales](http://en.wikipedia.org/wiki/National_parks_of_England_and_Wales)
- The Sperrins **Area of Outstanding Natural Beauty** (AONB) is 1 of 8 in NI, the only one in the Central Border Region, though many people think that Fermanagh is one.  
[http://www.doeni.gov.uk/niea/protected\\_areas\\_home/aonb.htm](http://www.doeni.gov.uk/niea/protected_areas_home/aonb.htm)
- The Marble Arch **Global Geopark** is situated in Counties Fermanagh and Cavan.  
<http://www.marblearchcavesgeopark.com/>
- Lough Neagh is a special protection area and Area of Special Scientific Interest.  
[http://www.doeni.gov.uk/niea/spec\\_protect/spec\\_protect\\_loughneagh.shtml](http://www.doeni.gov.uk/niea/spec_protect/spec_protect_loughneagh.shtml)

**Environmentally Sensitive Areas (ESAs)** are ‘agriculture-type’ designations in NI.

**Natural Heritage Designations** are made because of the special / unusual fauna, flora or landscape / earth-science value of the site. They are generally divided into ‘International’ designations (Ramsar, SPAs, SACs, etc), ‘National’ (NHAs - Rol, ASSIs, National Nature Reserves, etc.) or designations as sites of ‘Local’ importance (SLNCIs, Local Nature Reserves, etc.). Such designations as are in place at the time are normally shown ‘for information’ in the respective County Development Plan or Area Plan. The main designations are actually made and managed by the national Government Departments i.e. National Parks & Wildlife Service (NPWS, Rol) and the NI Environment Agency (NIEA, within DOE (NI)). The respective websites give information about the various designations as well as listings, details and mapping of the current designations - which are being updated regularly. (Local designations are only shown in the local plans.)

<http://www.npws.ie/protectedsites/> ROI Designations. Click on the type of Protected Area at lhs menu, or Search by County on main page. Also use Maps & Data along top menu. [Map Viewer](#)

[http://www.doeni.gov.uk/niea/protected\\_areas\\_home](http://www.doeni.gov.uk/niea/protected_areas_home) NI Designations click on the type of Protected Area and the [Map Viewer](#) at lhs

<http://www.myplan.ie/viewer/> Tick the ‘Designated Areas’ Layer, then tick SPAs & SACs; OS maps and aerial photos - for all areas are shown - NI not yet included.

## 10.2 Built Heritage Designations

The main ‘built heritage’ designations across the Central Border Region are:  
 listed buildings (NI) / protected structures (Rol),  
 historic parks, gardens & demesnes (NI), historic gardens & designed landscapes (Rol)  
 conservation areas (NI) or architectural conservation areas / heritage towns (Rol)  
 historic monuments (NI) or protected monuments (Rol)

**Table 59: Built Heritage Designations in Central Border Region**

Area	Listed Buildings (NI) / Protected Structures (Rol)	Historic Parks, Gardens and Demesnes / Designed Landscapes	Conservation Areas (NI) or Architectural Conservation Areas / Heritage Towns (Rol)	Historic Monuments (NI) or Protected Monuments (Rol) <sup>^^</sup>
Cavan	488	159	7*	2,224
Donegal	340**	127	8***	3,145
Leitrim	272	63	8	1,961
Monaghan	646	101	20^	1,477
Sligo	699	72	6	5,934
<b>Armagh City, Banbridge and Craigavon Borough</b>	<b>987</b>	<b>34</b>	<b>4</b>	<b>N/K</b>
Fermanagh & Omagh	672	31	3	N/K
Mid Ulster	937	27	5	N/K
<b>ICBAN Region</b>	<b>5,041</b>	<b>614</b>	<b>61</b>	<b>N/K</b>
Rep of Ireland	N/K	6,000	N/K	119,560
Northern Ireland	8,540	154	58	N/K

*Source: See links below*

\* Proposed for designation, during current Plan period

\*\* 133 of the Protected Structures are in the Donegal and Glenties Electoral Areas, the primary part of the county for ICBAN. Figures do not include towns of Bundoran, Letterkenny or Buncrana

\*\*\* Ardara, Ballyshannon, Moville, Ramelton & Raphoe have been declared ‘Heritage Towns’. It is a Plan objective to consider designation of ACAs, some being proposed in the various Local Plans e.g. ACAs at Assaroe and Town Centre, Ballyshannon. There is also an ACA in Letterkenny, Buncrana and Bundoran.

^ Further ACAs are proposed for designation, during current Plan period, in Castleblayney, Ballybay, Glaslough, Inniskeen, Rockorry and Mullan

^^ The Rol figures, from Dept of Arts, Heritage and the Gaeltacht, are provisional figures for the next RMP (Record of Monuments & Places). Individual counties in Rol are not necessarily measured on the same basis, and indeed both jurisdictions do not count their monuments on a comparable basis - site versus artefact counts, whether to include post-1700 sites, etc.

### Rol

<http://www.buildingsofireland.ie/Surveys/Buildings/> National Registers of Protected Structures (RPS), and Gardens. Protected Structures: Only Leitrim, Sligo and south Donegal have been

surveyed to date; Monaghan is due to be completed by end of 2012. Searchable, but no actual 'list' for each County. Gardens: has good list and details, by County.

<http://www.archaeology.ie/ArchaeologicalSurveyDatabase/#d.en.12842> National Registers of Monuments. Good map, search and details, for all counties.

<http://www.myplan.ie/viewer/> Tick the 'National Inventory of Architectural Heritage or National Monuments Service' Layer; OS maps and aerial photos - for all areas are shown - NI not yet included.

See individual County Development Plans for Register(s):

[http://www.cavancoco.ie/Default.aspx?StructureID\\_str=184&dir=~/file/development-plans/county-cavan](http://www.cavancoco.ie/Default.aspx?StructureID_str=184&dir=~/file/development-plans/county-cavan) Consolidated Cavan County Dev Plan, see p116-117 for ACAs  
[http://www.cavancoco.ie/Default.aspx?StructureID\\_str=184&dir=~/file/development-plans/cavan-town-area](http://www.cavancoco.ie/Default.aspx?StructureID_str=184&dir=~/file/development-plans/cavan-town-area) Consolidated Cavan Town Plan, see p.101-105, p.107 & p.109-10

<http://www.donegalcoco.ie/NR/rdonlyres/9247A944-BD8A-43E9-9007-AD8D0E5A0A19/0/CDP20122018CoreDoc.pdf> Donegal County, See Core Document Tables 27- 33, p144-182 and p98-103

<http://www.donegalcoco.ie/NR/rdonlyres/ED70D8D3-4B41-4A6D-8EE4-A5D7ACA4F065/0/Volume1CoreCocument.pdf> Letterkenny - Ecclesiastical ACA, p98  
<http://www.donegalcoco.ie/services/planningeconomicdevelopment/CentralPlanningUnit/buncranaplan20082014.htm> Buncrana, Core Document - Special Character Area, p63-64 & Map  
<http://www.donegalcoco.ie/NR/rdonlyres/4C700AA4-02CA-4C2C-8712-213406C098E2/0/BundorannEnvironsDevelopmentPlan20092015.pdf> Bundoran - Bayview ACA, p5-16

[http://www.leitrimcoco.ie/eng/Services\\_A-Z/Planning\\_and\\_Building\\_Control/Co-Development-Plan-09-15/](http://www.leitrimcoco.ie/eng/Services_A-Z/Planning_and_Building_Control/Co-Development-Plan-09-15/) Leitrim, See Section 5, Appendix A, p.209-220 and Section 2, p.135-144 & p.146

<http://www.monaghan.ie/en/services/planning/monaghancountydevelopmentplan2013-2019/documentation> See Chapter 4 (p83-90) and Appendices (Appendix 5 & 6, MN1 & MN2, CK1 & CK2, CY1 and C1 & C2)

[http://www.sliligococo.ie/media/CDP%2020112017\\_Volume1FullDocument\\_lores2.pdf](http://www.sliligococo.ie/media/CDP%2020112017_Volume1FullDocument_lores2.pdf) Sligo, See p.99-109 & Appendix F.  
<http://www.sliligococo.ie/media/RPS%202011.pdf> 2011 RPS, 400 entries (outside Sligo City)  
<http://www.sliligococo.ie/media/SEDP%20Record%20of%20Protected%20Structures.pdf> Record for Sligo City & Environs, 299 entries. There are 5 ACAs in Sligo town, plus 1 in Ballymote.

## NI

<http://www.doeni.gov.uk/niea/other-index/content-databases/content-databases-build.htm> NI Listed Buildings Database. Search by each LGD, for 'list' of buildings of 'architectural or historic importance'.

[http://www.doeni.gov.uk/niea/built-home/recording/sites\\_monuments.htm](http://www.doeni.gov.uk/niea/built-home/recording/sites_monuments.htm) NI Historic Monuments Database / NI Sites & Monuments Record. Search by each LGD. See link to Map Viewer

[http://www.doeni.gov.uk/niea/built-home/recording/gardens\\_r.htm](http://www.doeni.gov.uk/niea/built-home/recording/gardens_r.htm) Register of Historic Parks, Gardens and Demesnes, by LGD, Sites on Main List and Supplementary Sites are included

[http://www.planningni.gov.uk/index/policy/supplementary\\_guidance/conservation/conservation\\_map.htm](http://www.planningni.gov.uk/index/policy/supplementary_guidance/conservation/conservation_map.htm)

There are 12 Conservation areas in the NI ICBAN districts - Armagh, Lurgan, Loughgall, Richill, Moneymore, Caledon, Northland Dungannon, Moy, Enniskillen, Lisnaskea, Draperstown and Omagh.

Link to map and Conservation Area Guides.

### ***Data Difficulties - Built Heritage***

Though the Built Heritage designations are broadly similar in RoI and NI, they do not use the same terminology and definitions, therefore giving some variations in the 2 jurisdictions. Additionally, a difference of approach between the various Planning Authorities also makes it difficult to present consistent and comparable data.

There is a clearly stated number of Conservation Areas in NI, whereas in RoI some County Dev Plans refer to Heritage towns, Special Character Areas and proposed ACAs; then some Town Plans may designate ACAs and even Local Plans. Some ACAs relate to streets or groups of buildings, some of which are continuous with others - so it is very difficult to say how many ACAs there actually are.

In NI, there is a significant differential in the number of listed buildings across the area - but this may be because some Districts have been re-surveyed in recent years e.g. Omagh has not yet been part of the ongoing Second survey. All figures are approximate at any given time, to reflect the fact that additional buildings, monuments, etc. can be identified on an ongoing basis, outside of the Plan process.

‘Historic monuments’ refers to known and as-yet-unknown sites - and tends to number in their thousands in each LGD e.g. Sligo County Development Plan claims the County has over 6,500 sites. Some Plans refer to the existence of Zones of Archaeological Potential.

The RPS for a RoI County may / may not include those protected structures for the Town areas in that county e.g. Co Donegal RPS has 340 Protected Structures - but does not include any in Letterkenny, Bundoran or Buncrana towns - which are separate planning authorities, each with their own functional areas; Buncrana Plan states it has 3 PSs (p 62) but Letterkenny and Bundoran Plans require reference to maps to count how many they have. RoI data is not centrally available; following INSPIRE, it is expected they will then be put onto MYPLAN.ie

Therefore, it is difficult to get an overall figure for each designation, but requires considerable ‘counting’ of entries. There is a **lack of clear or comparable data.**

### 10.3 No of Windmills / Wind Farms

<http://www.southtipperaryinfo.ie/Maps/heritage/index.html> Heritage Council Maps, Rol & NI, click on 'Renewables..' layer, then 'Point Identify' icon at top - for wind farms (and Tidal potential)

[http://www.iwea.com/index.cfm/page/\\_windenergy\\_onshore](http://www.iwea.com/index.cfm/page/_windenergy_onshore) Click on the county map, Rol and NI, for number of wind farms, turbines and potential power generation.

<http://www.airtricity.com/uk/home/about-us/our-wind-farms/>

<http://www.detini.gov.uk/deti-energy-index/deti-energy-sustainable/energy-sustainable-7.htm>

DETI, Click on NI Wind Map

[http://www.planningni.gov.uk/index/advice/advice\\_apply/advice\\_renewable\\_energy/renewable\\_wind\\_farms.htm](http://www.planningni.gov.uk/index/advice/advice_apply/advice_renewable_energy/renewable_wind_farms.htm) DOE NI Planning, click on Wind Farm application info and on PPS 8 & supplementary guidance

### 10.4 Waste to Landfill (per capita) & Recycling Levels

[http://en.wikipedia.org/wiki/Recycling\\_in\\_Ireland](http://en.wikipedia.org/wiki/Recycling_in_Ireland) Recycling in Ireland - generally

<http://www.epa.ie/irelandsenvironment/> EPA Rol

<http://www.epa.ie/irelandsenvironment/waste/furtherinformation/>

- Five of the NI Councils are in the Southern Waste Management Partnership (SWaMP2008) (Armagh City and District, Cookstown District Council, Dungannon & South Tyrone Borough Council, Fermanagh District Council & Omagh District Council):

<http://swamp2008.org.uk/>

- Magherafelt District Council is in the North West Region Waste Management Group

<http://www.northwestwaste.org.uk/>

<http://www.ninis2.nisra.gov.uk/public/Theme.aspx> NISRA, Statistics, Agric & Environment, NI Recycling levels 2003-2011

### 10.5 Water Quality

<http://www.epa.ie/irelandsenvironment/water/furtherinformation/> Rol Water data

<http://www.environ.ie/en/Environment/Water/WaterQuality/WaterFrameworkDirective/>  
RoI DECLG Water Framework Directive, including the 3 cross-border RBDs  
<http://www.wfdireland.ie/maps.html> ROI water quality maps  
<http://gis.epa.ie/Envision/> ROI water quality maps  
[http://www.doeni.gov.uk/niea/drinking\\_water\\_quality\\_in\\_northern\\_ireland\\_2011.pdf](http://www.doeni.gov.uk/niea/drinking_water_quality_in_northern_ireland_2011.pdf) NI Drinking Water report p67-82 DC Tables for Quality issues and incidents 2011

## 10.6 Air Quality

<http://www.epa.ie/irelandsenvironment/air/furtherinformation/>  
<http://gis.epa.ie/Envision/> ROI air quality maps  
<http://www.airqualityni.co.uk/> NI Air Quality. Use Map. Click on data along top menu, or Reports, then DC Reports along lhs menu.  
<http://www.environ.ie/en/Environment/Atmosphere/News/MainBody,33162,en.htm> Cross-border Study on Air Quality, May 20011

## 10.7 Flood Areas

<http://www.floodmaps.ie/> ROI Flood Map  
<http://www.dardni.gov.uk/index/rivers/flood-maps-ni.htm> NI Flood Map  
<http://www.myplan.ie/viewer/> Tick the 'OPW Flood Mapping' Layer; OS maps and aerial photos - for all areas are shown - NI not yet included.  
<http://www.cfram.ie/> Cross Border CFRAM (Catchment flood Risk and Management) reports - click on Tabs at LHS