Ireland's UN SDG Data Hub

Lorraine McNerney, General Manager

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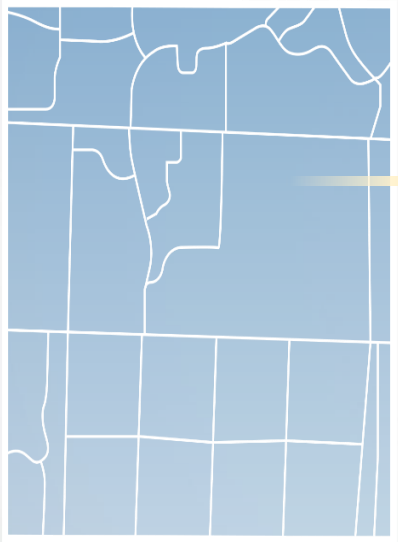
Location as a common framework

Geospatial Data



IDs

GUID	Area
1203501750071	42.3
1203501750072	34.8
1203501750073	26.9
1203501750074	51.2

Statistical Data

EA Id	Population	Male	Female
1203501750071	432	209	223
1203501750072	502	240	262
1203501750073	525	258	267
1203501750074	494	251	243

EA Id	Num HH	Avg HH size
1203501750071	89	4.9
1203501750072	98	5.1
1203501750073	102	5.1
1203501750074	85	5.8

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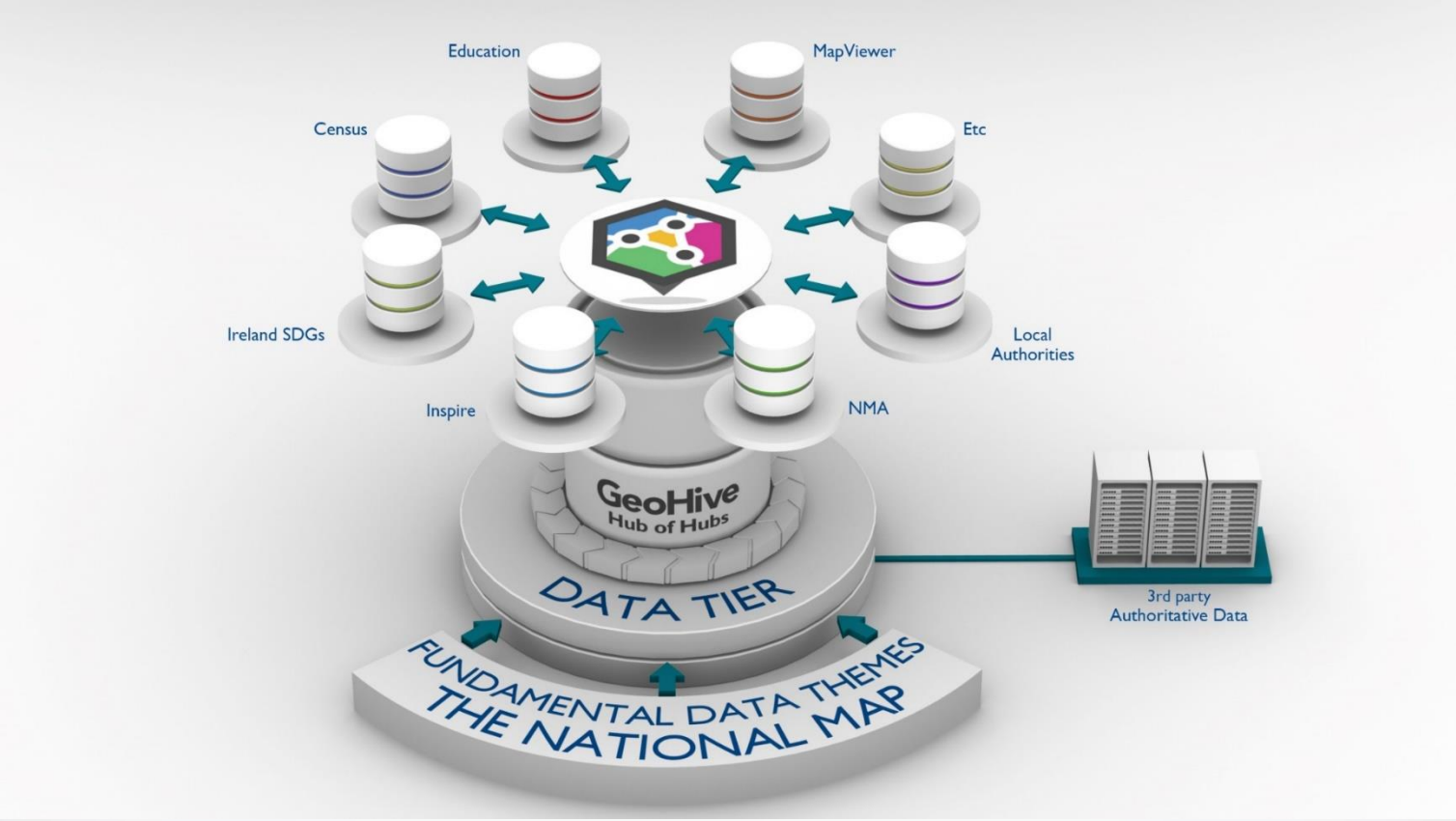
What Geospatial/OSi brings to the relationship



GeoHive - National Data Infrastructure

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Establishing Ireland's UN SDGs Data Hub

UNSD/Esri Research Project (commenced May 2017)

- Project goal - new approach for monitoring UN SDGs using GIS
- Participation of 7 UN Members - Ireland, Mexico, Senegal, Philippines, Qatar, South Africa and Australia.
- OSi and CSO - participating in partnership with Esri Ireland.

Statistics Division

esri

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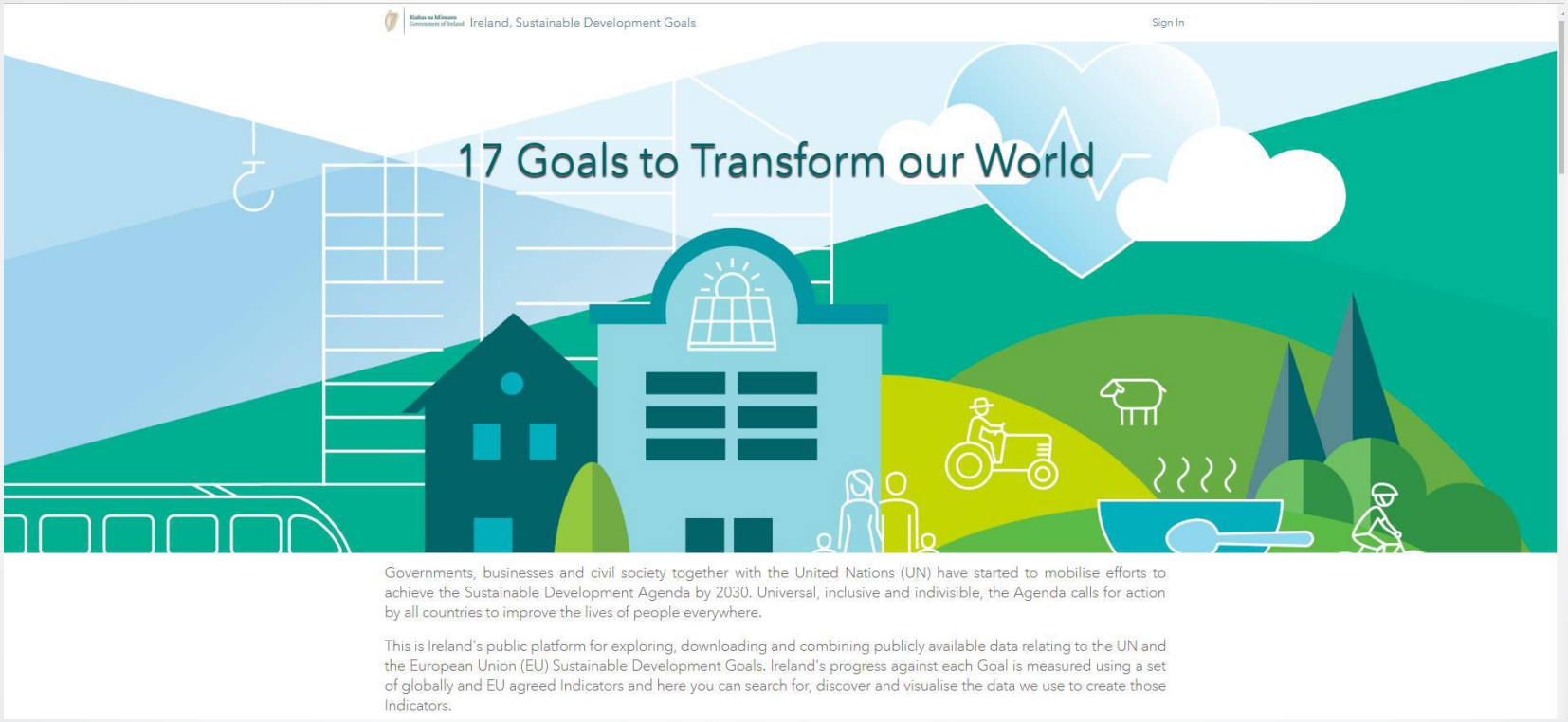
Developed & launched Ireland's UN SDG Data Hub



http://irelandsdg.geohive.ie/

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Ireland's UN SDGs Data Hub – Explore Data

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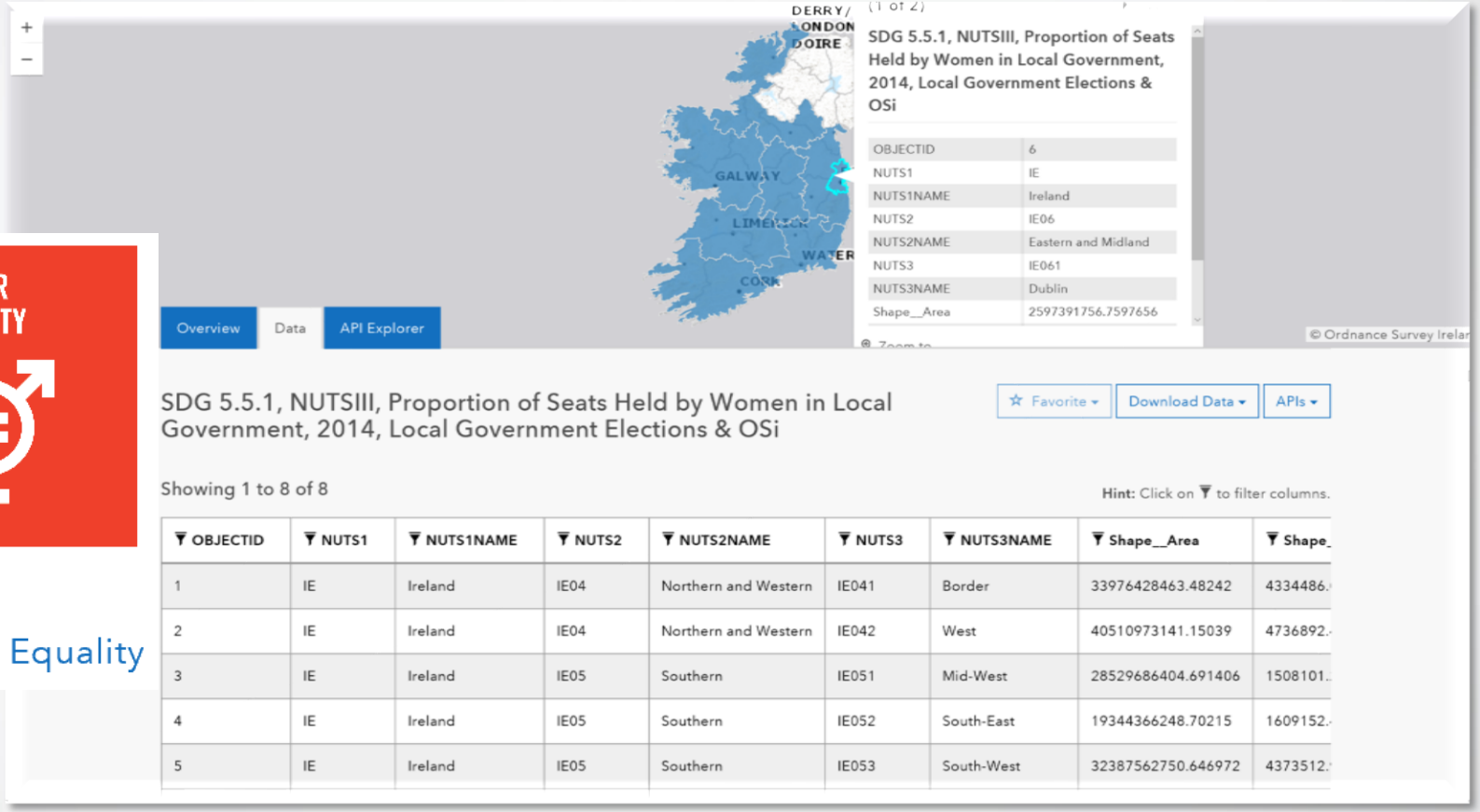
Ireland's UN SDGs Data Hub – Data Access



OBJECTID	NUTS1	NUTS1NAME	NUTS2	NUTS2NAME	NUTS3	NUTS3NAME	Shape__Area	Shape_
1	IE	Ireland	IE04	Northern and Western	IE041	Border	33976428463.48242	4334486.
2	IE	Ireland	IE04	Northern and Western	IE042	West	40510973141.15039	4736892.
3	IE	Ireland	IE05	Southern	IE051	Mid-West	28529686404.691406	1508101.
4	IE	Ireland	IE05	Southern	IE052	South-East	19344366248.70215	1609152.
5	IE	Ireland	IE05	Southern	IE053	South-West	32387562750.646972	4373512.

5 GENDER EQUALITY

5. Gender Equality

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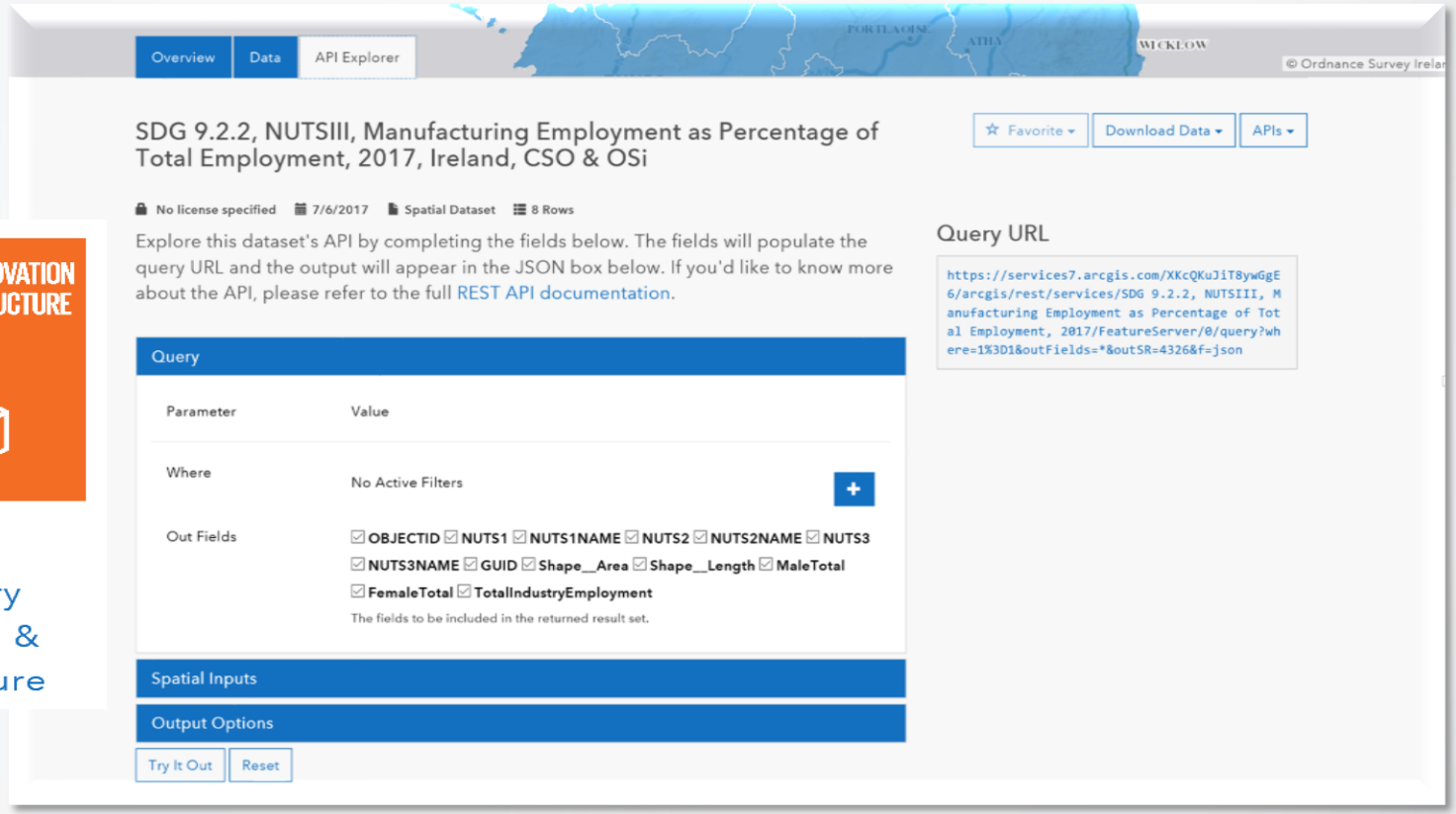
Ireland's UN SDGs Data Hub – APIs and Documentation



9 INDUSTRY, INNOVATION AND INFRASTRUCTURE

9. Industry Innovation & Infrastructure

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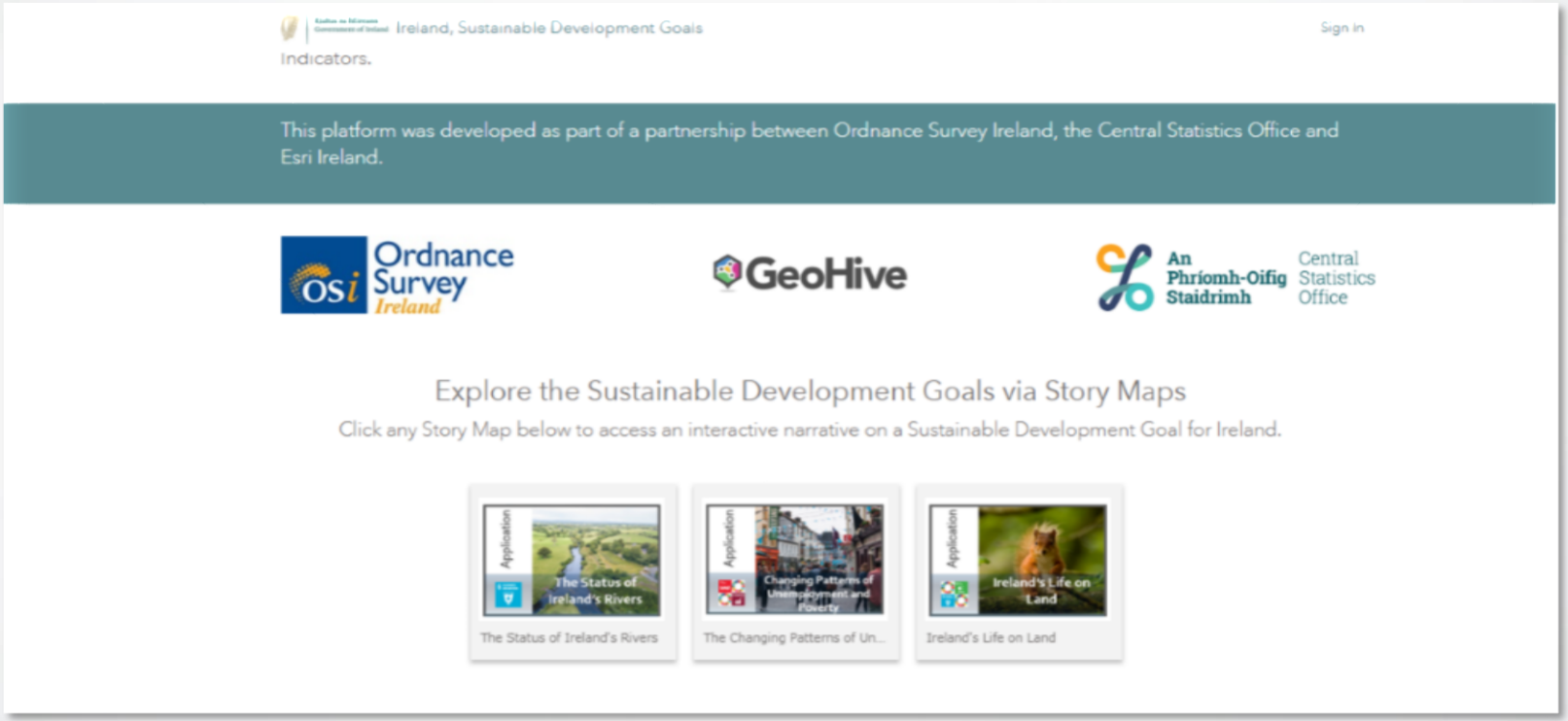
StoryMaps – providing a narrative on Ireland's SDGs



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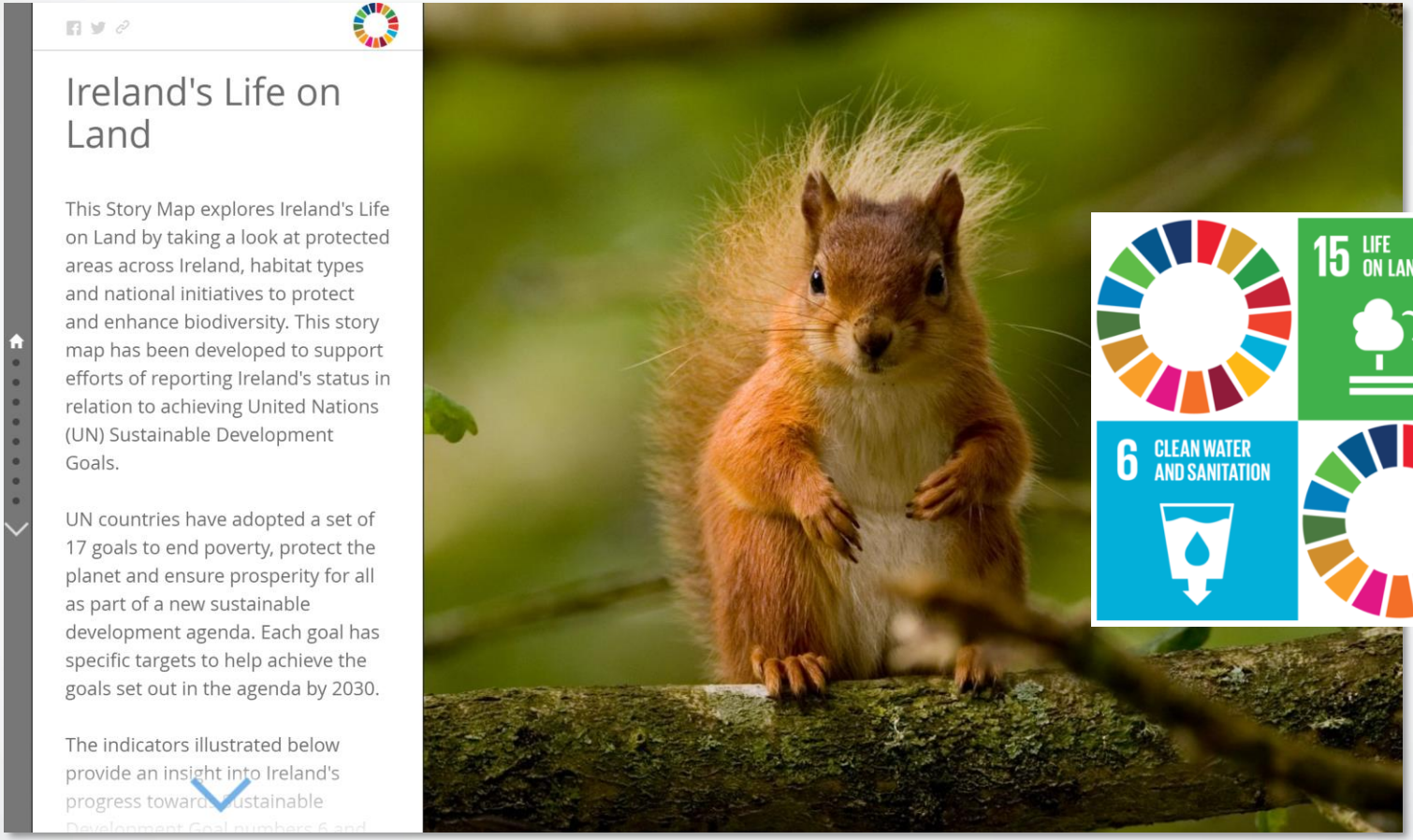
StoryMap # 1 – Ireland's Life on Land



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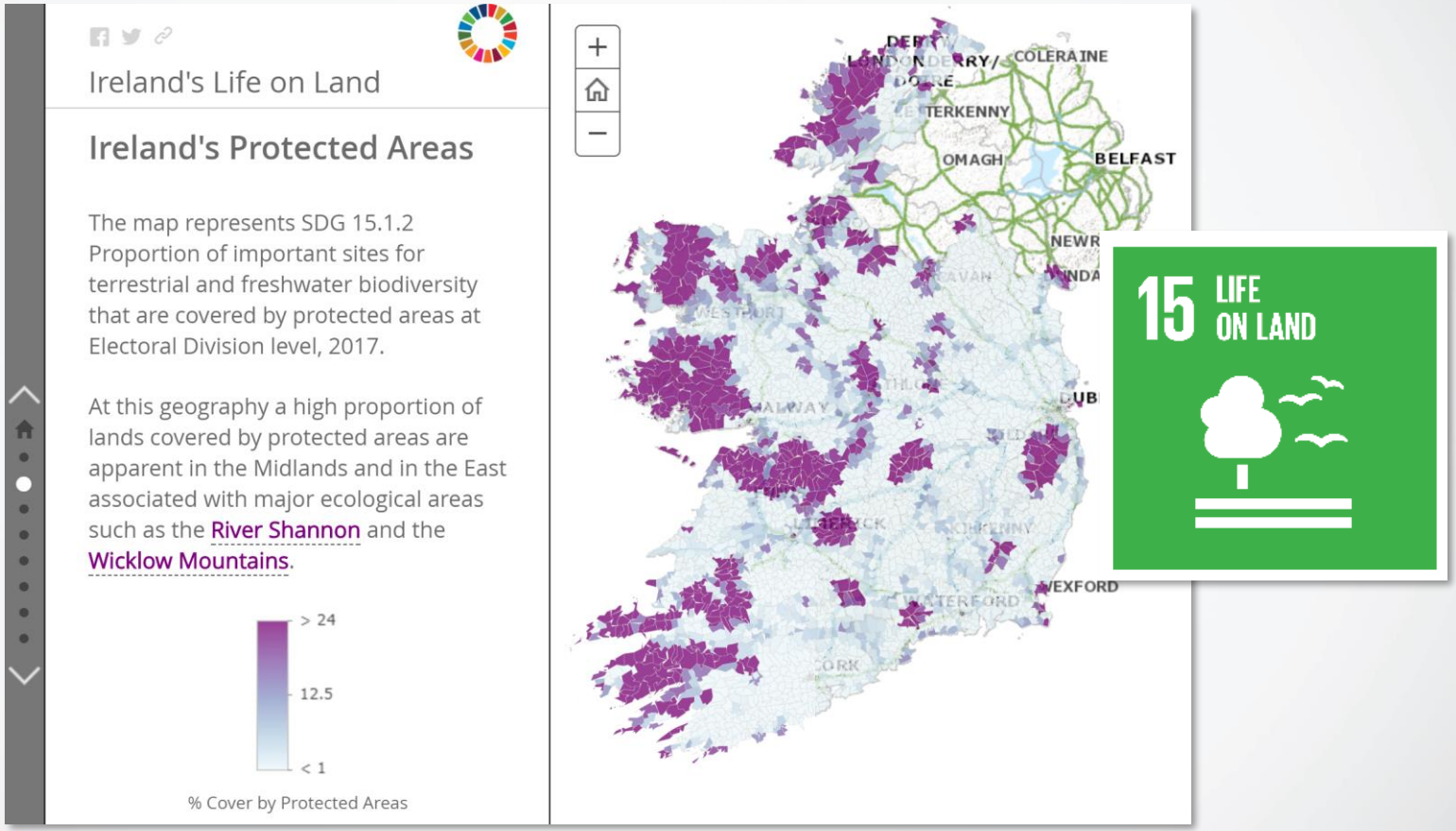
StoryMap # 1 – Ireland's Life on Land



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StoryMap # 2 – Changing Patterns

The Changing Patterns of Unemployment and Poverty in Ireland, 2011-2017

This Story Map illustrates changes in Ireland in relation to unemployment and poverty throughout the last decade. The Story Map has been developed to support efforts in reporting Ireland's status in relation to achieving United Nations (UN) Sustainable Development Goals.

UN countries have adopted a set of 17 goals to end poverty, protect the planet and ensure prosperity for all as part of a new sustainable development agenda. Each goal has specific targets to help achieve the goals set out in the agenda by 2030.

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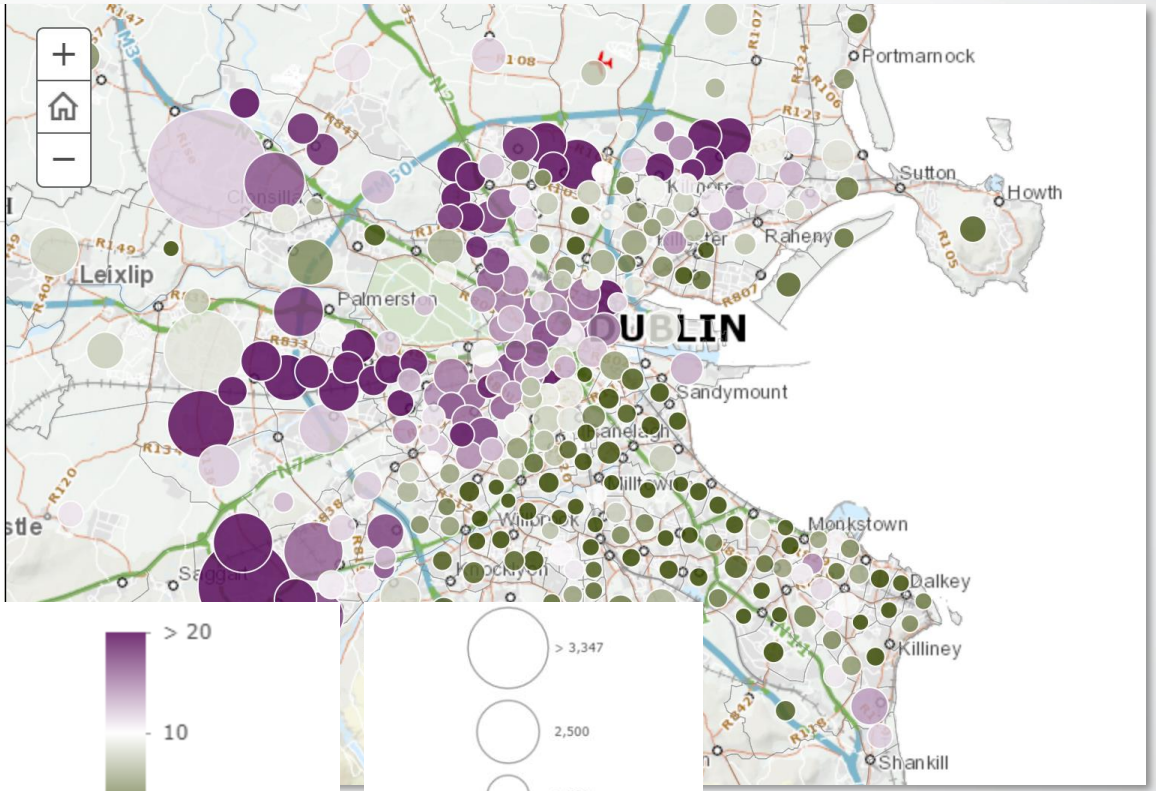
StoryMap # 2 – Changing Patterns

The Changing Patterns of Unemployment and Poverty in Ireland, 2011-2017

A focus on cities

The map displays unemployment rate and total unemployed population from the Census 2016 at ED level. A closer look at Dublin illustrates that varying unemployment rates within the area.

Data at this level provide a detailed representation of unemployment trends. This visualisation highlights the divide (North East, South West divide) in high and low levels of unemployment.



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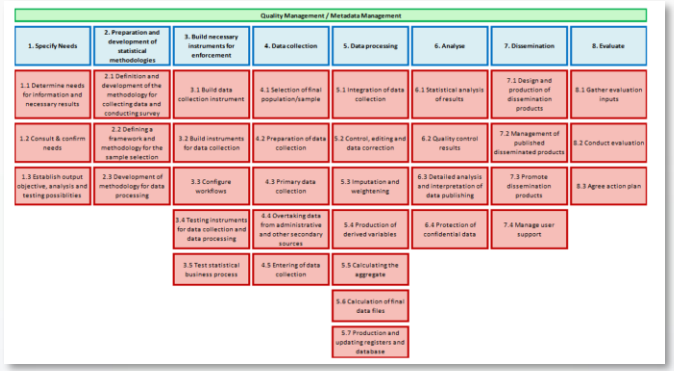
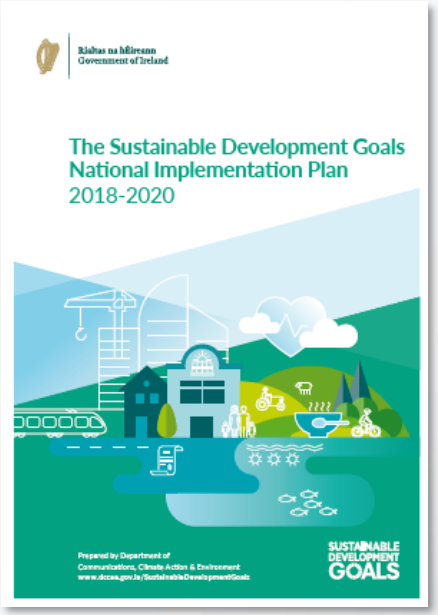
SDG Data Governance

- Established an OSi/CSO/Esri Ireland **Data Governance Team**, which meets weekly
- Established a national UN SDG Indicators **Data Governance Board** comprising stakeholders from Government and Agencies, which meets quarterly to agree:
  - ✓ Metadata
  - ✓ Business glossaries
  - ✓ Lifecycle management
  - ✓ Data quality





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SDG Data Governance contd.

- Established UN SDG Civil Service **Senior Officials Group**, chaired by Department of Communication, Climate Action & Environment (DCCAE), which both CSO and OSi are invited members with responsibility for:

  ✓ Developing official reports on Ireland's progress towards the SDG Goals

  ✓ Policy for the individual goals

  ✓ Signing off on StoryMap content including policy narrative

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Progress to-date in Ireland

- Formally launched **Ireland's UN SDG Data Hub** where interested parties can openly access, visualise and download data related APIs
- Developed **62 indicators (mostly Tier 1) and 112 datasets** at various geographies
- Established a **data governance teams** with key stakeholders

StoryMap for Ireland's official reporting on progress towards meeting national SDG targets delivered at the UN High Level Political Forum (HLPF) in July.

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Key take-aways…

- Collaboration proven to be a great success, providing clear win-win for us and our stakeholders (**we are greater than the sum of our parts**)
- The value of having a clear understanding on organisational roles and responsibilities regarding national geospatial and statistical data (**playing to our strengths & removing duplication**)
- It's amazing what can be done with a **simple MOU and good will**
- The **value in visualising** statistical data within a geospatial context
- The value of re-purposing existing systems and architecture
- As a result of this successful collaboration CSO and OSi are partnering in taking the leading role in supporting government in the **development of a National Data Infrastructure** (NDI).

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UN World Geospatial Information Congress
Engaging government and citizens with the SDGs

19th November 2018, Deqing, China

Thank You