



A Federated Information System for the SDGs

United Nations Statistics Division



CONTEXT

Multilevel SDG data reporting

- **National and subnational reporting** is the most significant level of the SDG review process
- The global SDG monitoring system **builds on national data reporting**
 - Data derived from **national sources** is the foundation for SDG reviews at all levels
 - It is crucial to create opportunities for countries to directly contribute to **global reporting**



Technology as a key enabler

- **Digital technology** is available today that allows for the necessary **transformation** to leverage:
 - New sources of data and information
 - New approaches for data collection, management, processing and dissemination
 - New partnerships with civil society, the private sector and academia
 - Integration of geospatial and statistical information systems





A FEDERATED INFORMATION SYSTEM FOR THE 2030 AGENDA

Why a Federated Information System for the SDGs?

To help implement the 2030 Agenda

- Through the effective integration, dissemination and use of statistical and geospatial data,
- Supported by technologies that facilitate data sharing, interoperability and collaboration,
- In order to inform decision makers and report on the SDGs across local, national, regional and global levels



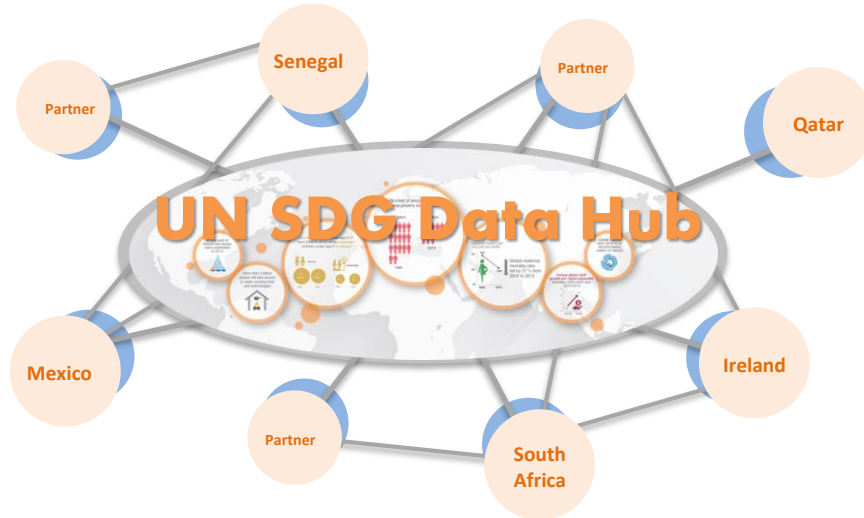
How does the Federated System work?

- It is a country-led “system of systems”
- Implemented through
 - Open standards and principles for data interoperability
 - Geospatial information systems (GIS) and data analytics capabilities
 - Web-based collaboration, communication and user engagement
- Supports NSOs in managing statistical and geospatial data, integrating new and innovative data sources with traditional ones
- Enables local/national decision makers to access, understand and use SDG data
- Empowers countries to directly contribute to global SDG reporting through innovative applications.



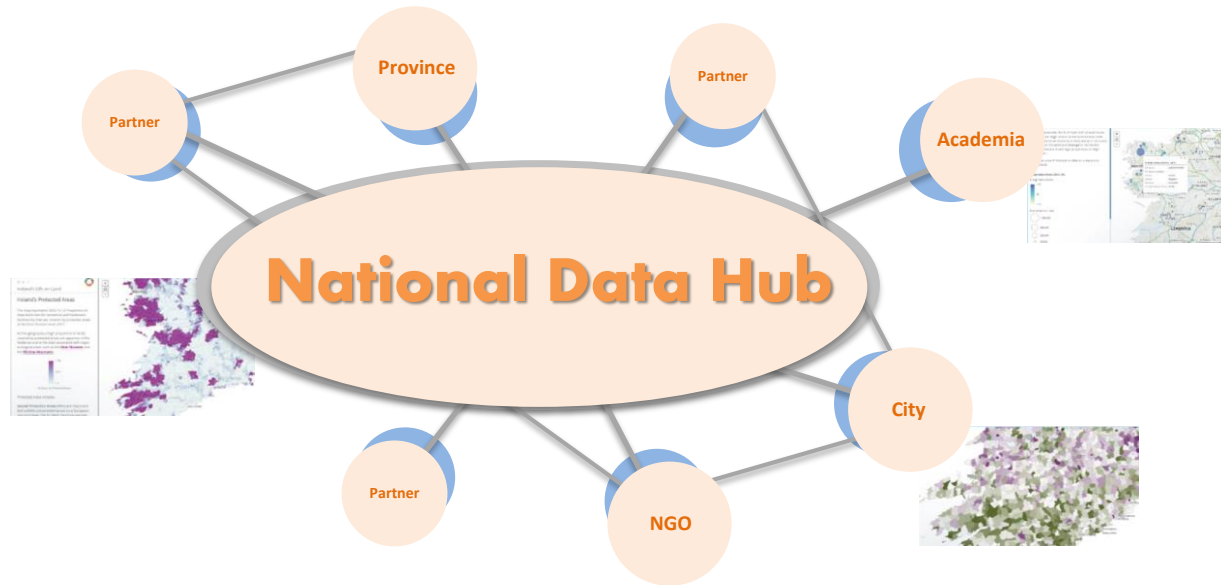
UN SDG Data Hub

- Linked to a global network to share data, templates and common initiatives
- Enabled by Web GIS and open standards



A network of national SDG Data Hubs

- Supporting national partnerships around data and policy initiatives
- Providing an inclusive and enabling environment for all stakeholders



Implementation : initial steps

- Small initial group of countries initiated the research exercise in May 2017 followed by a second group in October 2017
- Deployed a limited number of **National SDG Data Hubs** that are “country owned and country led”
- Deployed a **Global UN SDG Data Hub** for the SDG indicator framework

