A Federated Information System for the SDGs

United Nations Statistics Division
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