



GLOBAL PARTNERSHIP
FOR SUSTAINABLE DEVELOPMENT DATA

Overview

Data Roadmaps for Sustainable Development

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October 2016

The Global Sustainable Development Goals



Developing country
focused



Universal

Social



Social, Economic, and
Environmental

Foreign Aid



Domestic Investment,
Private Flows, and Aid

Official Statistics and
Administrative Data



Big Data, Citizen Generated
Data, Geospatial and Earth
Observation Data, Open
Data, and more



- 17 Goals, 169 Targets, 230 Indicators = Huge Data Needs

THE CHALLENGES:

Data are not available, dynamic, disaggregated, high quality, useable, accessible, open, or used effectively.

- Data on entire groups and key issues are unavailable.
- Data are not dynamic or disaggregated.
- Data quality is poor and major gaps remain.
- Data that exist are often not useable.
- Data that are useable are not accessible or open.
- Data that are accessible are often not used effectively.

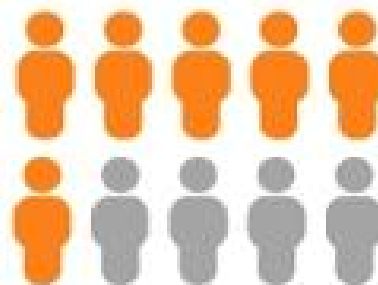
DATA CHALLENGES LEAVE TOO MANY BEHIND

Civil Registration and Vital Statistics

Achieving sustainable development is only possible if we know where people living in poverty are and what they need. One in three children aged five years or younger have not had their births registered. Therefore, officially, these children do not exist in the system.

Nearly a third of the world's children under five doesn't officially exist

Globally, nearly
**230
MILLION**
children under age
five **have never
been registered**



Worldwide, four in ten
babies **born in 2012**
were not registered

Data on Poverty are Scarce

77 countries lack sufficient data on those living in poverty.
Without frequent data, we cannot monitor whether countries are reducing poverty or not.



Source: <http://www.worldbank.org/en/news/video/2015/07/09/my-favorite-number-77-reasons-we-need-poverty-data>

Data on Gender are Woeful

Gender Data Gaps	Lacking coverage across countries and/or regular country production
	Lacking international standards to allow for comparability
	Lacking complexity: information across domains
	Lacking granularity: detailed datasets allowing for disaggregation

Data2X has identified 28 gender data gaps across five domains: health, education, economic opportunities, political

data2x

partnering for a gender data revolution

Source: <http://data2x.org/gender-data-gaps/>

DATA FOR WHAT?

Improved Decision-Making and Policy

Increased Citizen Empowerment

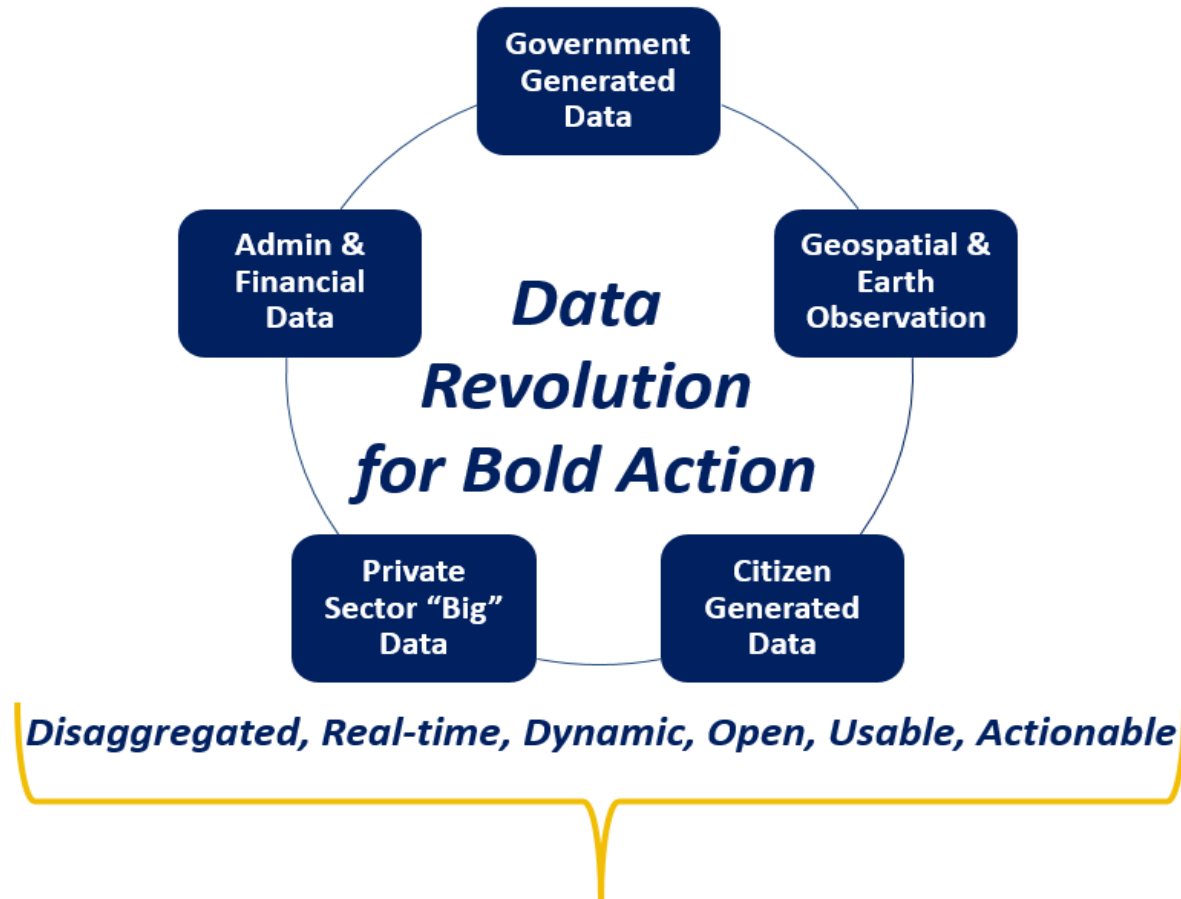
Increased Innovation and Entrepreneurship



**To Achieve and Monitor
Sustainable Development**

Harnessing the Data Revolution

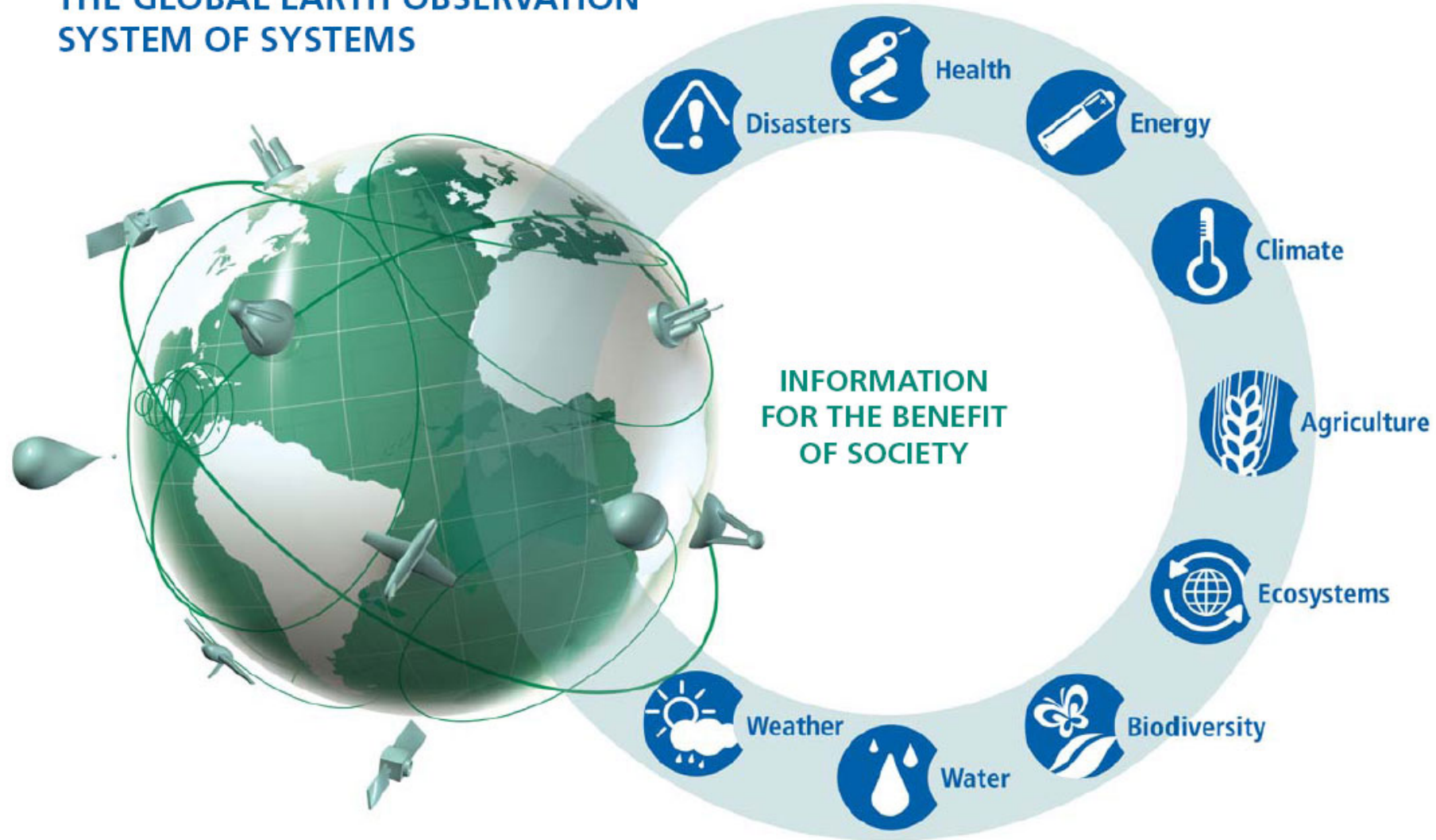
“Data is the Oil of the 21st Century”



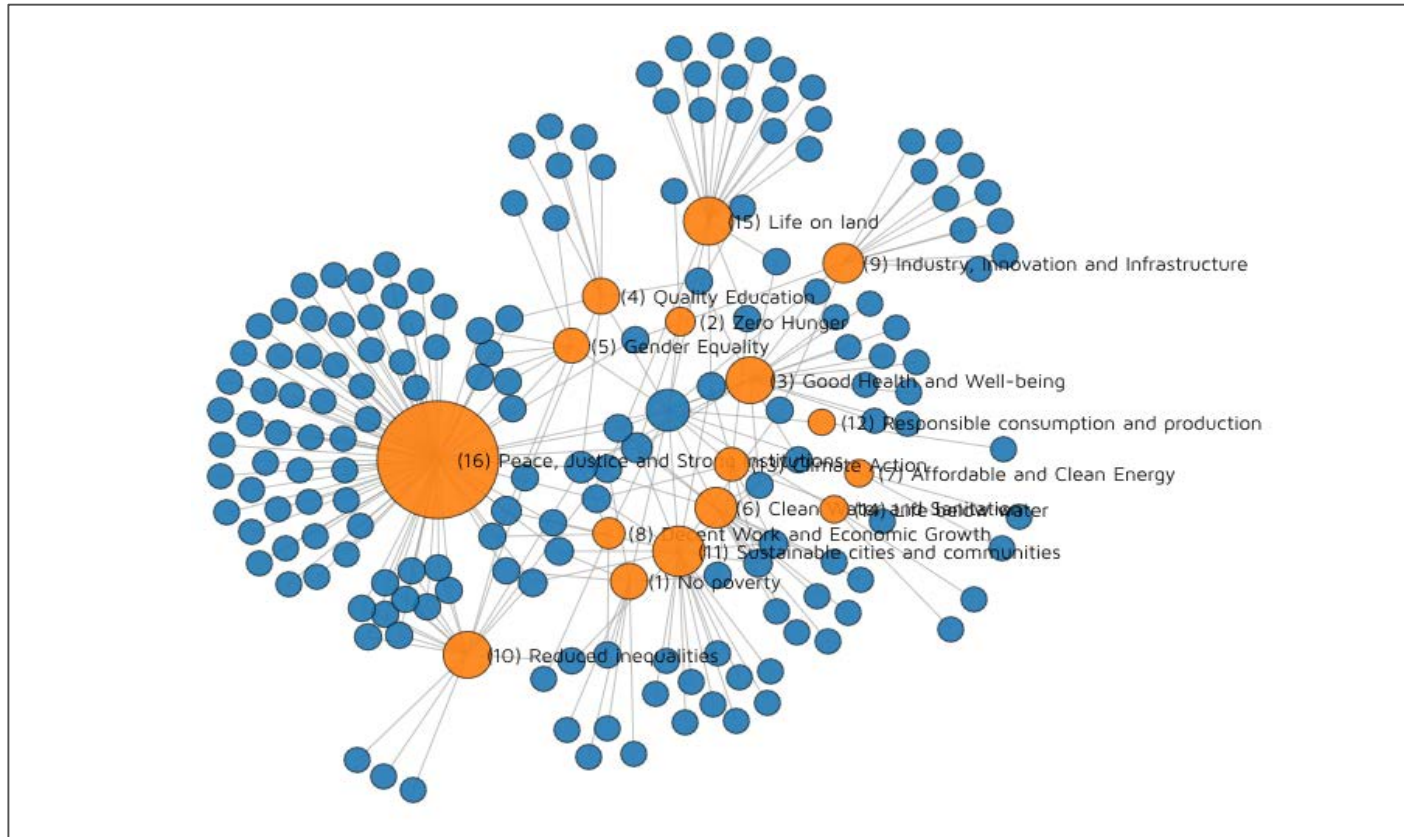
- Supporting and complementing government and civil society efforts to generate data for statistics for the formal SDG monitoring framework
- Unleashing innovation in production, accessibility and use of real-time, dynamic, disaggregated data from multiple sources

Earth Observation Data

THE GLOBAL EARTH OBSERVATION
SYSTEM OF SYSTEMS

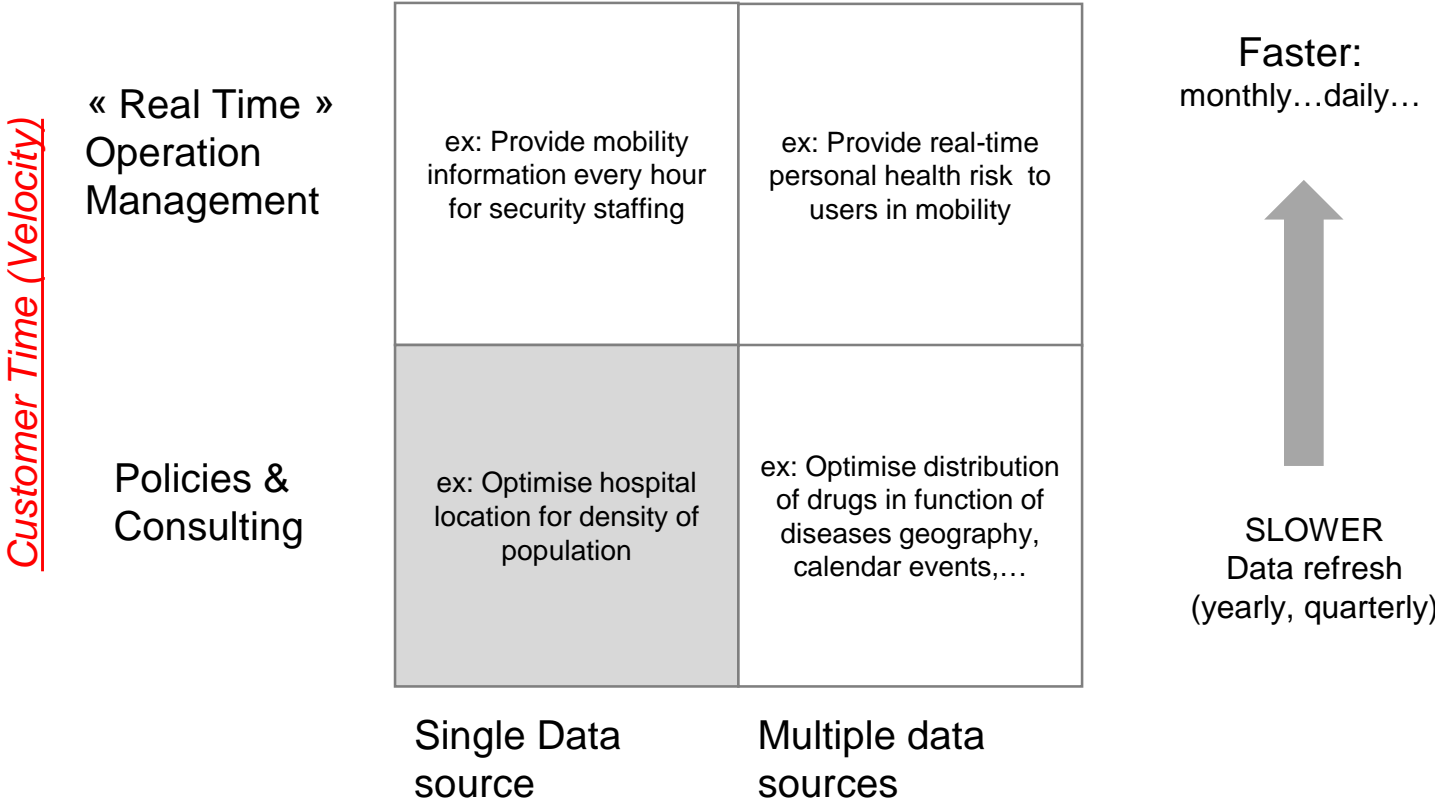


Citizen-Generated Data



<http://staging.winguweb.org/2015/datashift/>

Privately Held (Big) Data



Variety of Sources for Data Analysis

Open Data



1. Open by Default



2. Timely and Comprehensive



3. Accessible and Usable



4. Comparable and Interoperable



5. For Improved Governance
and Citizen Engagement



6. For Inclusive Development
and Innovation

opendatacharter.net



GLOBAL PARTNERSHIP
FOR SUSTAINABLE DEVELOPMENT DATA

WE CONVENE

WE CONNECT

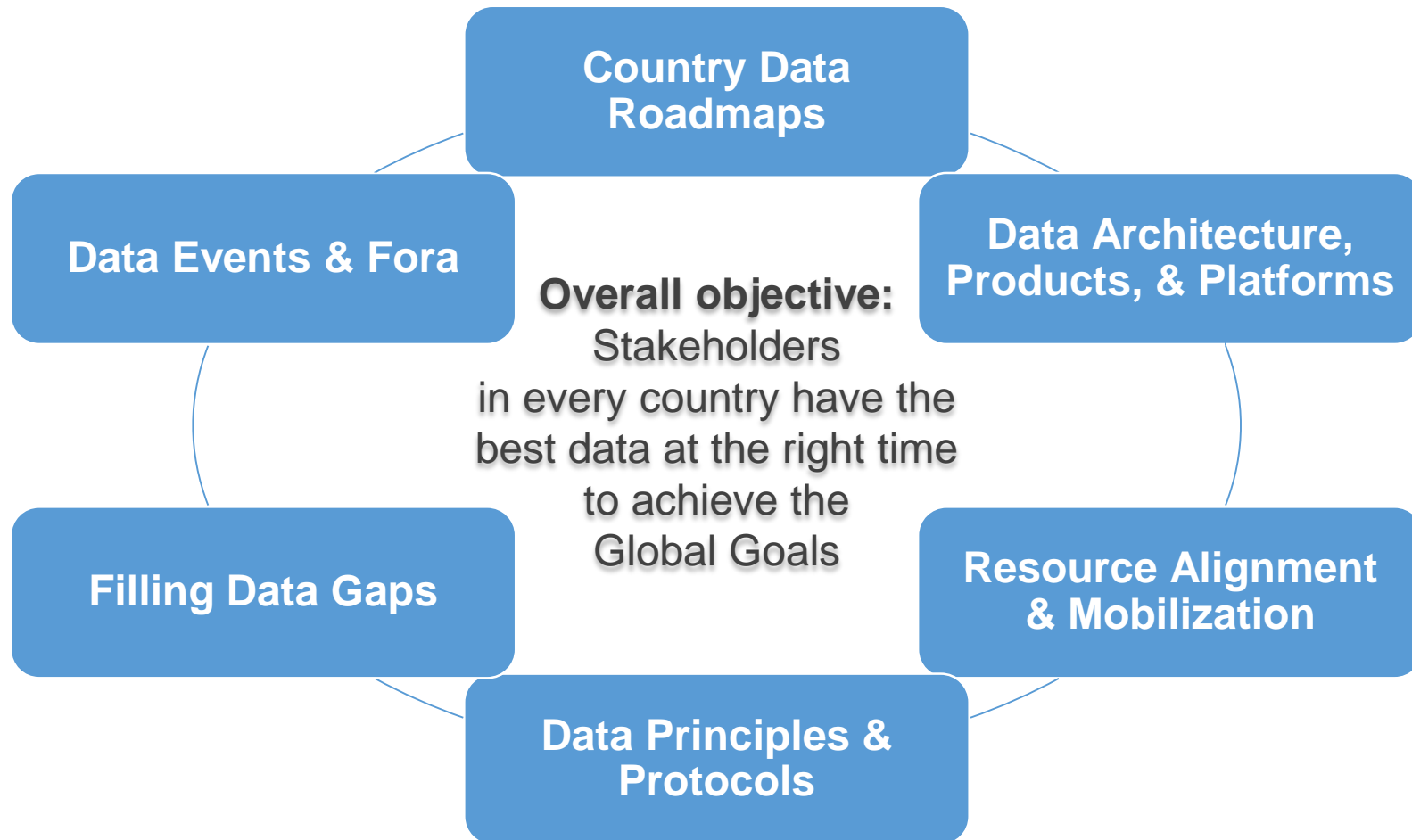
WE CATALYZE...

better, more accessible, and usable data to help end poverty, fight inequality and injustice, and combat climate change.

The Global Partnership has 150+ Data Champions



Convening, Connecting, Catalyzing



Data Roadmaps for Sustainable Development

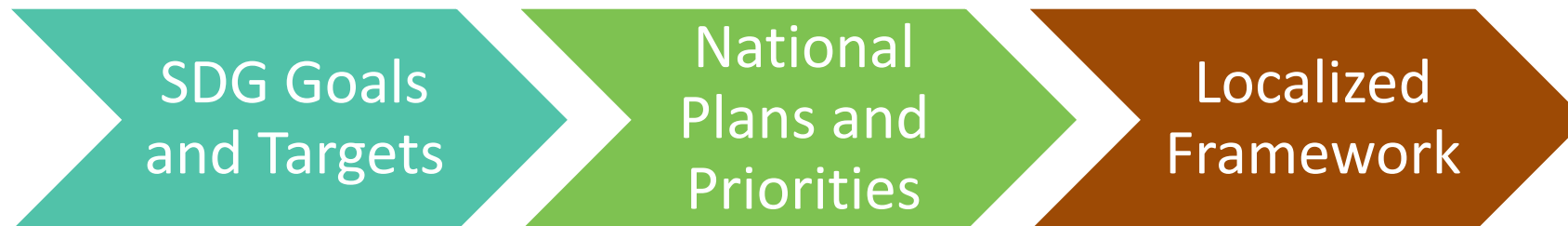
Support countries at national and sub-national levels to develop and implement **whole of government** and **multi-stakeholder** data roadmaps for harnessing the data revolution for sustainable development, with particular emphasis on the SDGs and local priorities articulated in national plans.

What are Data Roadmaps in the Context of the Data Revolution for Sustainable Development?

- It's an **action plan** with short and long-term **goals** for addressing specific **data needs and priorities** in regards to **SDG implementation**.
- A data roadmap is ideally developed by governments at local, subnational or national levels according to local context and priorities:
 - Multi-stakeholder involvement
 - Situation assessment
 - Priority Mapping
 - Data/technology gaps assessment
 - Requirements analysis
 - Commitments to Action
- A data roadmap is part of an **iterative and adaptive** planning process.

Country Led Approaches

- The Data Roadmaps for Sustainable Development approach is iterative, based on experiences and implementation models from partner countries
 - Colombia
 - Philippines
 - Sierra Leone
 - Kenya
 - Tanzania
 - Senegal
 - USA
 - UK
 - Egypt
 - Mexico



Colombia

SDG Indicators Definition and Implementation



Definition of Global Indicators

Definition of regional and national indicators

- Identification of priorities, particular needs, context and situation.

Implementation

- Identification of data sources
- Assessment on data availability
- Work plans for improvements and production of new data.

Assessment on Colombia's information availability for global SDG indicators



Egypt



Pillars' Structure

Vision	Setting the target (where we want to be)	☰ ♿
Strategic objectives	What are the major issues to focus on	☰ ♿
Key Performance Indicators	SMART Key Performance Indicators (KPIs) (Inputs/ outputs/ strategic results)	☰ ♿
Challenges	Define the challenges facing each objective	☰ ♿
Programs and Projects	Mechanisms and work plans	☰ ♿

Sustainable Development Strategy (SDS): Egypt Vision 2030 includes:

- Around 249 indicators (28 input, 63 output, and 75 strategic results. And 83 new indicators).
- Around 200 programs and projects.

2030
EGYPT VISION

Egypt

SDGs Goals Vs SDS's Pillars

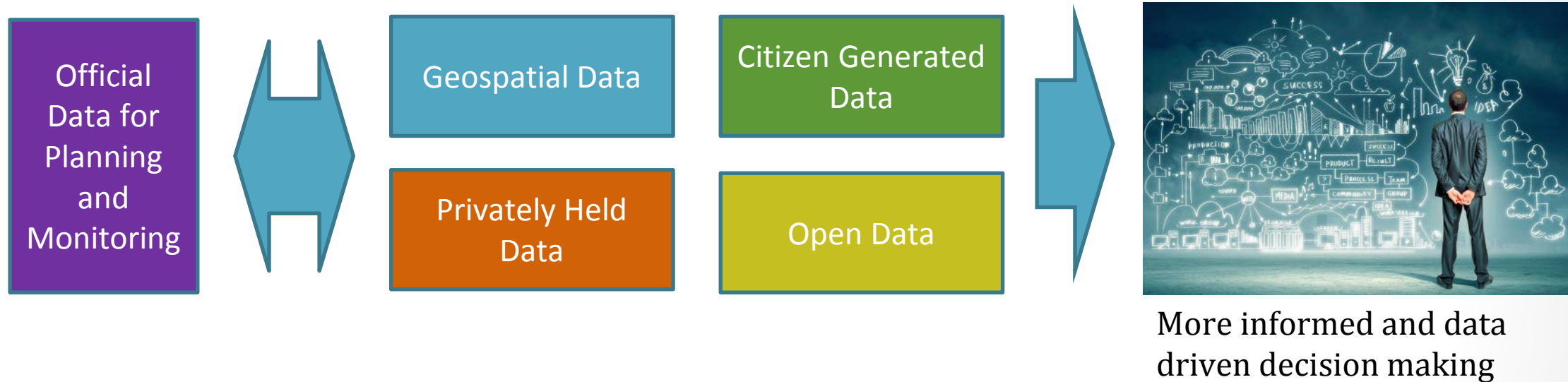


SDGs Goals Vs SDS's Pillars & Strategic Objectives

SDGs	SDS 2030: Pillars	SDS 2030: Strategic Objectives
<p>Goal 1: End poverty in all its forms everywhere</p> <p>Goal 2: End hunger, achieve food security and improved nutrition and promote sustainable agriculture</p>	Social Justice, Economic Development	<ul style="list-style-type: none"> Providing protection for the neediest groups. Increasing GDP per capita to reach the level of the high-middle income countries in order to improve standard of living and reduce poverty levels.
<p>Goal 3: Ensure healthy lives and promote well-being for all at all ages</p>		<p>Health</p> <ul style="list-style-type: none"> The improvement of the health of citizens within a framework of justice and equity. Achieve universal healthcare coverage for all Egyptians and ensure high quality services. Improve health sector governance.
<p>Goal 4: Ensure Inclusive and Equitable Quality Education and Promote Lifelong Learning Opportunities For All</p>	Education	<ul style="list-style-type: none"> Improving educational system quality to conform to international systems. Availing education for all without discrimination. Enhancing competitiveness of the educational systems & its outputs.
<p>Goal 5: Achieve Gender Equality and Empower All Women and Girls</p>	Economic Development	<ul style="list-style-type: none"> Achieving equal rights and empowering women



Data for Action



- Fill data gaps more efficiently, frequently and cost effectively
- Real-time, dynamic, disaggregated data
- Official and non-official data
- Use innovative approaches and range of stakeholder to solve problems

A Toolbox to Support Subnational and National Stakeholders

Operational Considerations



Roadmap Development Process

Toolbox

- Many processes are already in place.
- Tools and methods have been developed or are being developed.
- A data roadmap process acknowledges good practice, lessons learned, and tools applied from peers to inform its development.

SDG Data Roadmaps Toolbox: Framework and Approach

■ Currently Available ■ In Development ■ Planned

Getting Started with Data Roadmaps for Sustainable Development

- Data Roadmaps for Sustainable Development Guidelines
- Getting Started with the Sustainable Development Goals
- Mapping Data Ecosystems

Data for Action

- Earth Observation Data for the SDGs
- Making Use of Citizen Generated Data
- Youth and SDGs Data Revolution
- Telco Data for Sustainable Development
- Subnational Data for Sustainable Development
- Open Data for Sustainable Development
- Open Mapping for the SDGs
- Geospatial Data and Planning for the SDGs
- Data Visualization and Analytics
- Decision Support Systems

Official Statistics for SDGs

- Minimum Essential Data Package
- Advanced Data Planning Tool (ADAPT)
- Aligning and Modernizing the NSDS in the Context of the Data Revolution
- CRVS Digitization Guidebook
- Administrative Data to Achieve the SDGs in Production of Official Statistics

Institutional, Financial and Capacity Foundations

- Demand-Driven, Cost-Effective Integrated Information Systems
- Policy and Legal Frameworks
- Business Models for Public-Private Partnerships
- Data Literacy Workshops and Knowledge Platform for Professionals
- Data Financing and Mutual Accountability Pact
- Global Philanthropy Data Charter

- This framework will iterate and adapt based on further learning through national workshops and expert feedback.
- Intent is to provide a set of resources, some of which is already available through partner organizations, that support countries and subnational units in their SDG roadmap process.
- Meant to align with national strategies in place, be country led, based on local priorities.
- Supportive of SDG monitoring and dynamic data in the context of the data revolution.
- Phased releases at HLPF and UNGA

SDG Data Roadmaps Toolbox:

Categories

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- Data for Action
- Official Statistics for SDGs
- Institutional, Financial and Capacity Foundations

Toolbox: Getting Started with Data Roadmaps for Sustainable Development

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Toolbox: Data for Action

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 ■ In Development
 ■ Planned

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Toolbox: Institutional, Financial and Capacity Building Needs

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Data4SDGs Highway



WORLD

WORLDBANK POVERTY

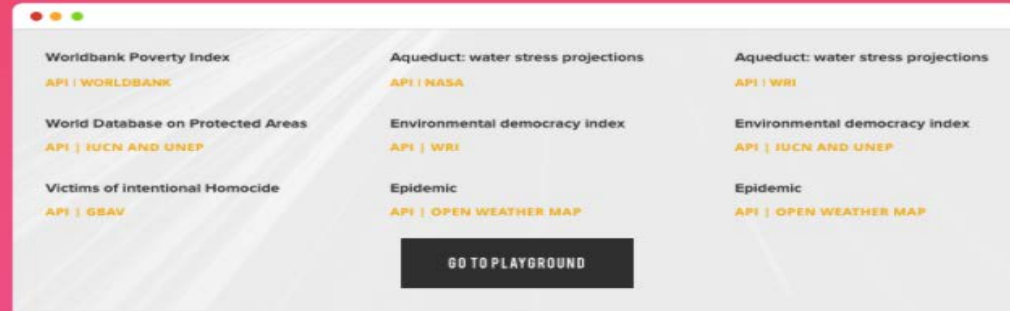
WORLDBANK AGRICULTURE

WORLD DATABASE ON PROTECTED AREAS

WORLD VICTIMS ON INTENTIONAL HOMICIDE

DATA4SDGS DEVELOPER PLAYGROUND

Instantly search, refine and get the code to access SDG data for your applications. Code snippets available in all major languages.



PLAYBOOK

Learn how to turn your SDG data into data services and make it available to millions of software developers.

SHARED, OPEN SOFTWARE

All software used in the making of the developer playground is open source and available online. Take a look and if you want, contribute!

ADD DATASET

ADD DATASET

ADD DATASET

Worldbank Poverty Index

API | WORLDBANK Goal 3 Target 4

World Database on Protected Areas

API | IUCN AND UNEP Goal 3 Target 4

Victims of intentional Homicide

Aqueduct: water stress projections

API | NASA Goal 3 Target 4

Environmental democracy index

API | WRI Goal 3 Target 4

Epidemic

Aqueduct: water stress projections

API | WRI Goal 3 Target 4

Environmental democracy index

API | IUCN AND UNEP Goal 3 Target 4

Epidemic



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Digital Marketplace For Sustainable Development Data

Welcome to the digital marketplace, empowering you to connect with partners, share resources and find solutions for your sustainable development data needs.

[Learn More](#) →

CONVENE

Discuss and collaborate with your peers.

[Join the Communities of Practice](#) →

CONNECT

Find partners and resources to address your needs.

[Explore the Marketplace](#) →

CATALYZE

Turn your needs and feedback into action.

[We Want to Hear From You](#) →