



Advancing Sustainable Development

Bridging the Data Gap in the Americas



Strategic Value of Geospatial Data 4 SDG's



High quality, timely and reliable data

Geodetic
Elevation
Water/Ocean
Land use/cover
Transport
Cadastre
Population
Infrastructure
Settlements
Admin. Bdys.
Imagery
Geology/soils
Observations
etc.

National Spatial
Data Infrastructure

SOCIAL
Society
Poverty
Education
Health
Population
Employment
Water
Sanitation
Equality
Gender
Governance

ECONOMIC
Well-being
Cities
Water
Energy
Infrastructure
Industry
Sanitation
Economy

ENVIRONMENT
Water
Seas/oceans
Land use/cover
Ecosystems
Forests
Agriculture
Climate
Biodiversity
Natural hazards
Pollution



GEO4SDGs



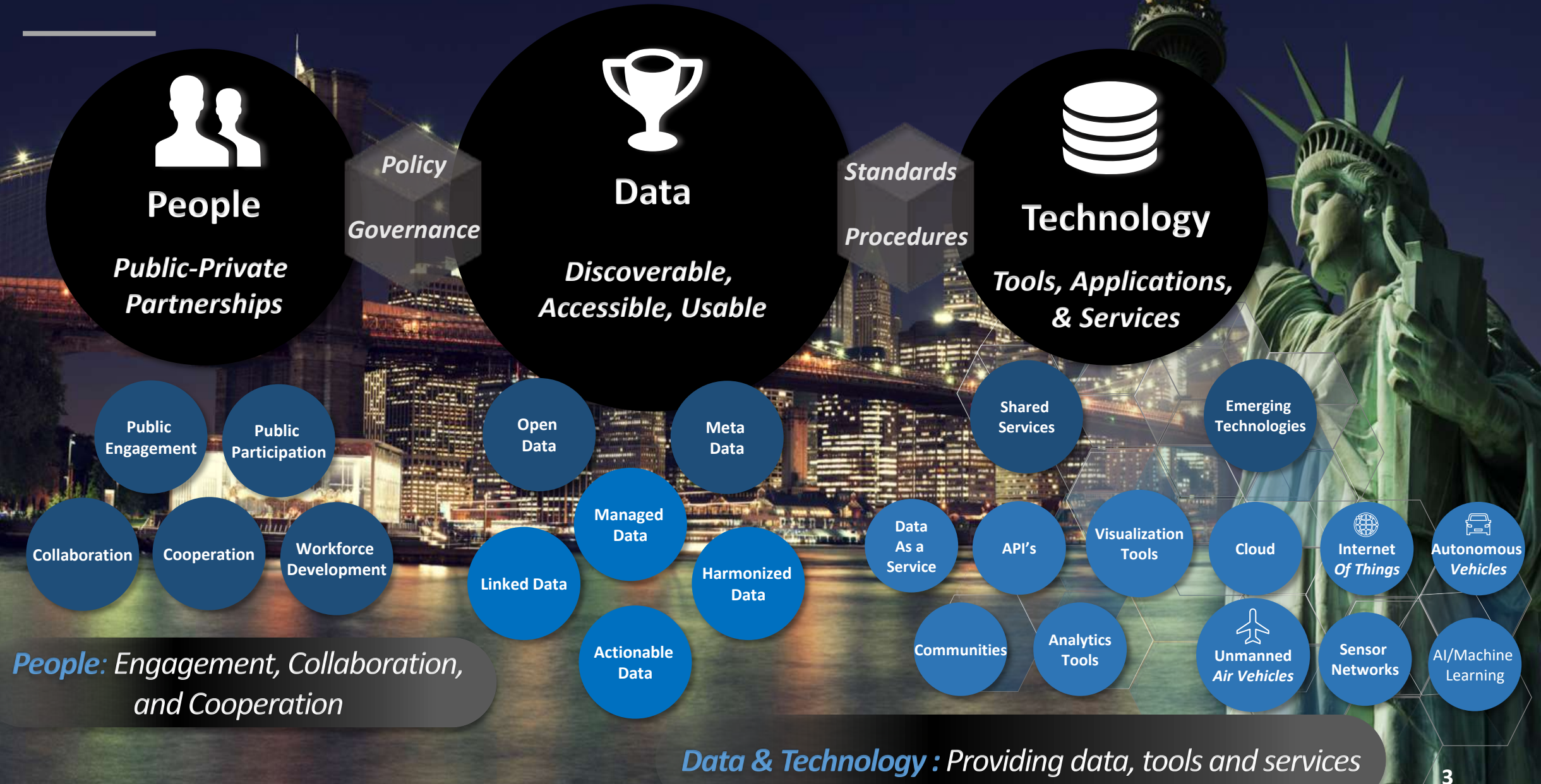
Source: Greg Scott & Abbas Rajabifard

Source: Adapted from Jerker Lokrantz/Azote

Global Data Ecosystem—GEO4SDGs'

Geospatial data and services *provide a place-based modeling and an analytical framework* for SDG understanding and decisionmaking.

U.S. Framework to bridge the geospatial divide



New Data Initiatives— *Unleashing Data for Public Good*



Federal Data Strategy

Geospatial Data Act

Foundations for Evidence-Based Policymaking Act

- TITLE I: Federal Evidence-Building Activities
- TITLE II: Open Government Data Act
- TITLE III: Confidential Information Protection And Statistical Efficiency

- Promote and improve access to data for public health, economic growth, environment and other purposes
- Promotes use of quality scientific and other data to improve policymaking
- Spark public private partnerships, new innovative start-ups & services



1 Building Partnerships

Regional

Global



3 Delivering Solutions Mobilizing Resources

Tools

Products

Services

- Share
- Curate
- Harmonize

- Visualize
- Mapping
- Modeling

- Products
 - Publication
 - Reports

- Acquisition
- Reports
- Training



Partner > Mobilize > Implement



An example in the Americas

How do we close the geospatial divide?

Collaborative mechanisms and capacity building frameworks are necessary to advance sustainable development.



Communication, Outreach, Knowledge Transfer, Training and Development



How to close the divide and make data actionable?

Develop partnerships with member states to promote and implement policies/legislation that support open data and by building knowledge and technical capacities.

Regional Example in the Americas—Exploitation Platforms

Webpage



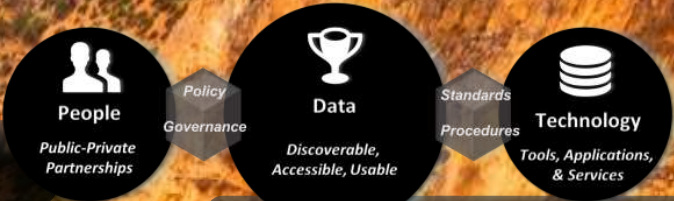
Information about AmeriGEOSS



Data/Knowledge hub



Find and Use Data & Knowledge



Collaboration, Analytics and Tools



Develop Products & Services

The AmeriGEOSS Community Platform a suite of *resources and tools* for integrating, synthesizing, analyzing, problem-solving and visualizing geographically enriched data to *accelerate understanding* and *decision-making*.

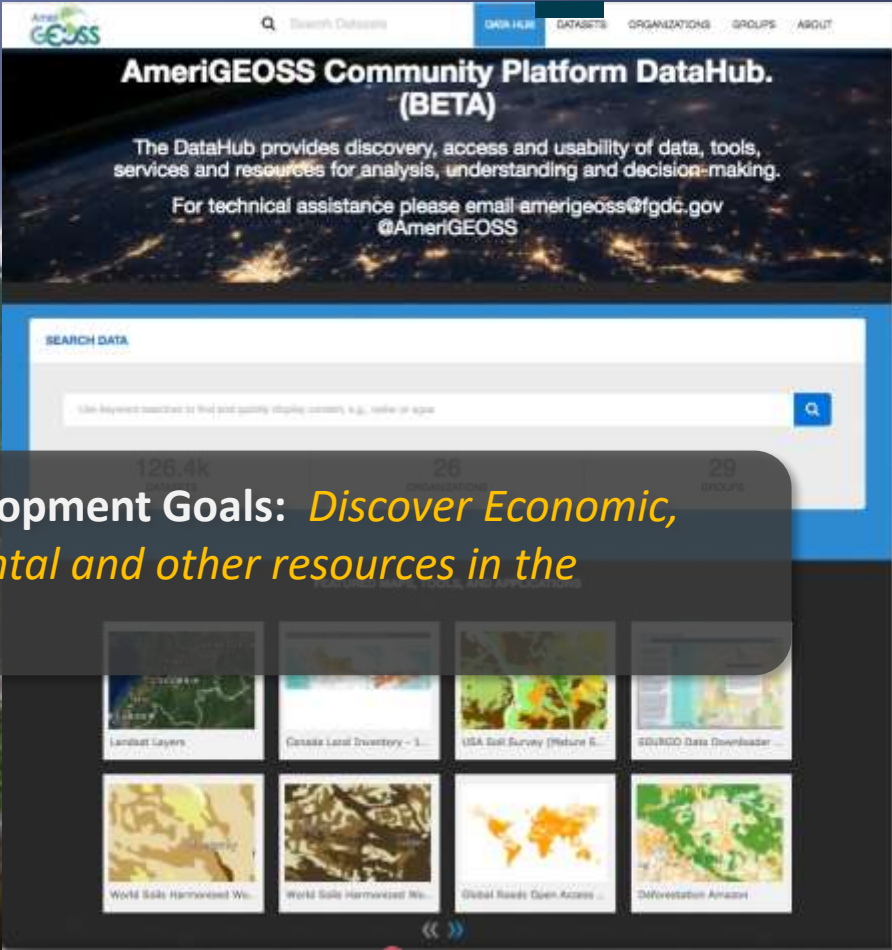
AmeriGEOSS Platform to Enable Sustainable Development



Exploitation Platform



Sustainable Development Goals: *Discover Economic, Social, Environmental and other resources in the platform.*



Communities of Practice



Training & Education



Essential Variables & Indicators



Pilots and Use Cases

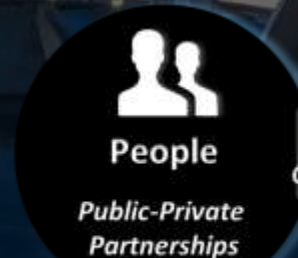




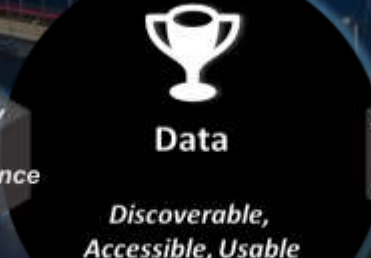
Advancing Sustainable Development

Bridging the Data Gap in the Americas

Thank you



Policy
Governance



Standards
Procedures

