

EuroGeographics General Assembly 2016

Unlocking the Power of Official Information at a Global Level

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EuroGeographics General Assembly 2016: Unlocking the Power of Information

“Unlocking the power of information is key to better understanding and knowledge”

“Collaboration is essential to enable the efficient delivery of geospatial reference data that contributes to social development, economic growth and environmental sustainability”

“The emergence of new technologies (and data sources) will shape and impact how we manage and maintain high-quality, timely and reliable data in the future”



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Global Development Agenda



TRANSFORMING OUR WORLD:



THE 2030 AGENDA FOR SUSTAINABLE DEVELOPMENT



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Global Development Agenda



United Nations
Framework Convention on
Climate Change

UNITED NATIONS
**PARIS CLIMATE
AGREEMENT**
SIGNING CEREMONY
— 22 APRIL 2016 —



**Sendai Framework
for Disaster Risk Reduction
2015 - 2030**



UNITED NATIONS
**SUSTAINABLE
DEVELOPMENT
SUMMIT 2015**
25 - 27 SEPTEMBER

TRANSFORMING OUR WORLD:

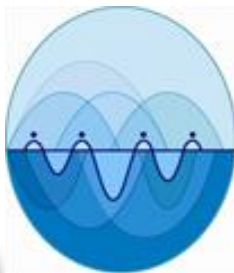


**THE 2030 AGENDA FOR
SUSTAINABLE DEVELOPMENT**



FINANCING FOR
DEVELOPMENT
13-16 JULY 2015 • ADDIS ABABA • ETHIOPIA

**Addis Ababa Action Agenda
of the Third International Conference on
Financing for Development
(Addis Ababa Action Agenda)**



**ISLAND
VOICES
GLOBAL
CHOICES**



IN Conference on
Small Island
Developing States
Apia, Samoa | 2014



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Transforming our World: The 2030 Agenda for Sustainable Development



Follow up and review:

76. We will support developing countries, particularly African countries, LDCs, SIDS and LLDCs, in strengthening the capacity of national statistical offices and data systems to ensure access to high quality, timely, reliable and disaggregated data.

We will promote transparent and accountable scaling-up of appropriate public-private cooperation to exploit the contribution to be made by a wide range of data, *including Earth observations and geospatial information*, while ensuring national ownership in supporting and tracking progress.



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Transforming our World: The 2030 Agenda for Sustainable Development



Data, monitoring and accountability:

17.18 By 2020, enhance capacity-building support to developing countries, including for least developed countries and small island developing States, to increase significantly the availability of high-quality, timely and reliable data disaggregated by income, gender, age, race, ethnicity, migratory status, disability, ***geographic location*** and other characteristics relevant in national contexts.



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Habitat III - New Urban Agenda



156. The use of digital platforms and tools, including ***geospatial information systems***, will be encouraged to improve long-term integrated urban and territorial planning and design, ***land administration and management***, and access to urban and metropolitan services.

160. We will foster the creation, promotion, and enhancement of open, user-friendly, and participatory data platforms using technological and social tools available to transfer and share knowledgeto enhance effective urban planning and management, efficiency, and transparency through e-governance, information and communications technologies assisted approaches, and ***geospatial information management***.



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The 2030 Agenda for
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The “Data” Ecosystem: Unlocking the power of official information



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2030 Agenda: Unlocking the power, but how?

The global geospatial community, particularly through national geospatial information agencies, has a unique opportunity to integrate geospatial information into the global development agenda in a more holistic and sustainable manner, specifically in measuring and monitoring the targets and indicators of the SDGs.



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2030 Agenda: Global to local in context



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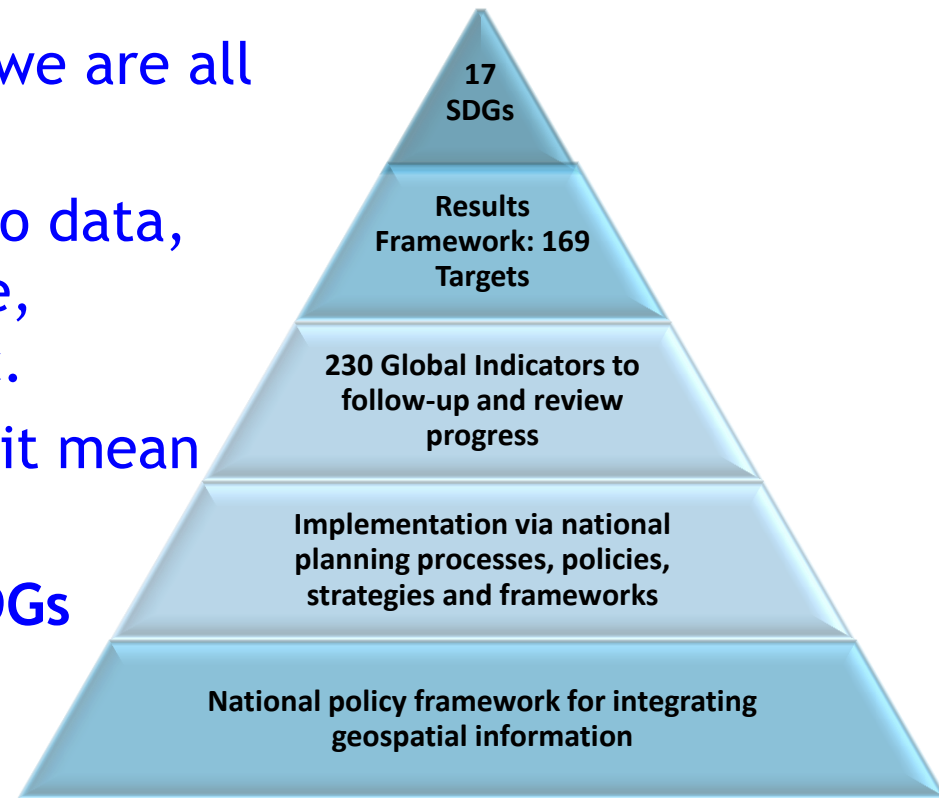
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2030 Agenda: Goals, Targets, Indicators

How does the 2030 Agenda data ecosystem operate?

- What do the SDGs mean? Where do they apply? What data is needed? How do we get it? Is it sustainable?
- How do we realize the data ecosystem in the SDGs?
- Unlike the MDGs, with the SDGs we are all developing countries.
- Rich v Poor: Not just nations. Also data, technology, capacity, governance, institutional, methodologies, etc.
- Data disaggregation - what does it mean and at what level of geography?
- How do we report on annual SDGs progress?



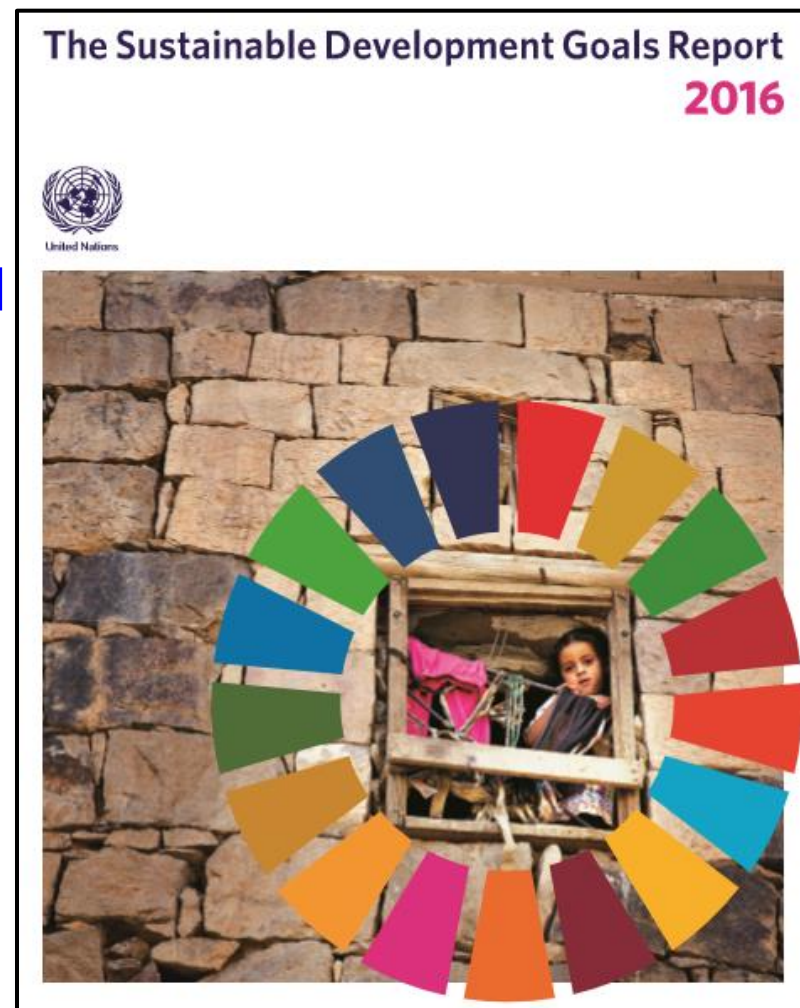
Reporting Annual SDGs Progress

- Reporting conducted by IAEG-SDGs.
- Has been a statistical process that now requires a geographic lens.
- Requires methodologies to sample and collect data in a consistent and sustainable manner.
- Much experimental effort, but how to go into production mode and expand out from local to global.
- Integration of national policies.
- Integration of national information systems and data.
- When do we start?



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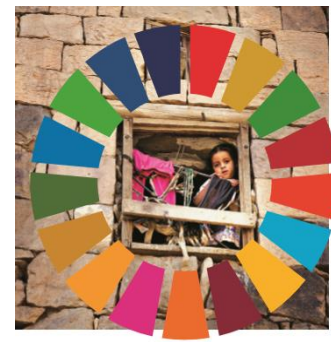


<http://unstats.un.org/sdgs/files/report/2016/secretary-general-sdg-report-2016--EN.pdf>

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Sustainable Development Goals Report 2016



Ensuring that no one is left behind

127. As a starting point, it requires an understanding of which population groups are the most disadvantaged, in what way and to what extent. This is only discovered through accurate information that is broken down by age, sex, location of residence and other group characteristics. As stated in the 2030 Agenda: “Quality, accessible, timely and reliable disaggregated data will be needed to help with the measurement of progress and to ensure that no one is left behind. Such data is key to decision-making”.

128. The data demands relating to the SDGs are unprecedented, and will require coordinated efforts at the global, regional and national levels. However, even from the data currently available, it is abundantly clear that the benefits of development are not equally shared.



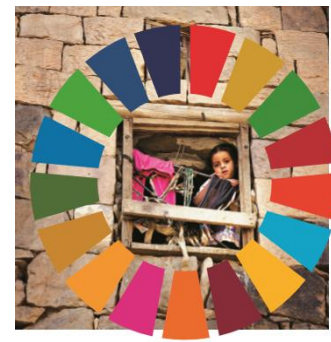
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Sustainable Development Goals Report 2016



Improving data quality and availability

143. Data of good quality are vital in order to make informed decisions and to ensure accountability for the implementation of the 2030 Agenda. Tracking progress on the SDGs requires the collection, processing, analysis and dissemination of an unprecedented amount of data and statistics at the subnational, national, regional and global levels, including those derived from official statistical systems and from new and innovative data sources.

147. New data sources and technologies for data collection will need to be explored, including through partnerships with civil society, the private sector and academia. The integration of geospatial information and statistical data will also be essential for the production of a number of indicators.



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Data Ecosystem: Integration of professional communities

Statistics

Geospatial



Observations

Other sources



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Source: Kees de Zeeuw

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The global statistical
community
has laid the
groundwork
for the successful
monitoring
and realization
of this new agenda.

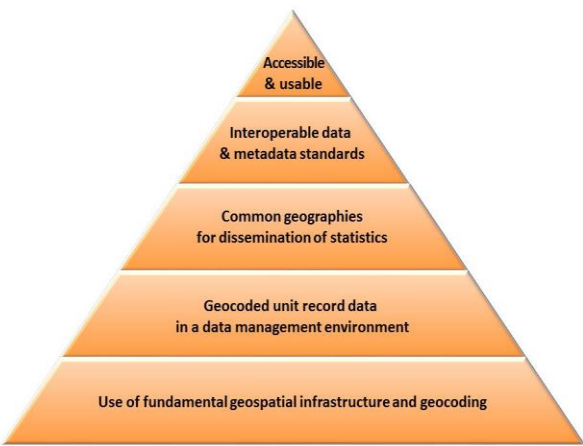
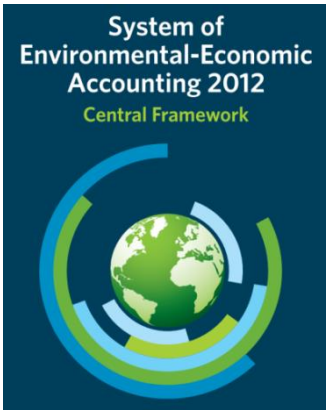


THE GLOBAL EARTH OBSERVATION
SYSTEM OF SYSTEMS



**Coordination of
Geographic Information
and Related Spatial Data Activities**

Office of Management and Budget • Circular A-16 revised



BigData UN Global Working Group

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The National Spatial Data Infrastructure

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Terms of Reference:

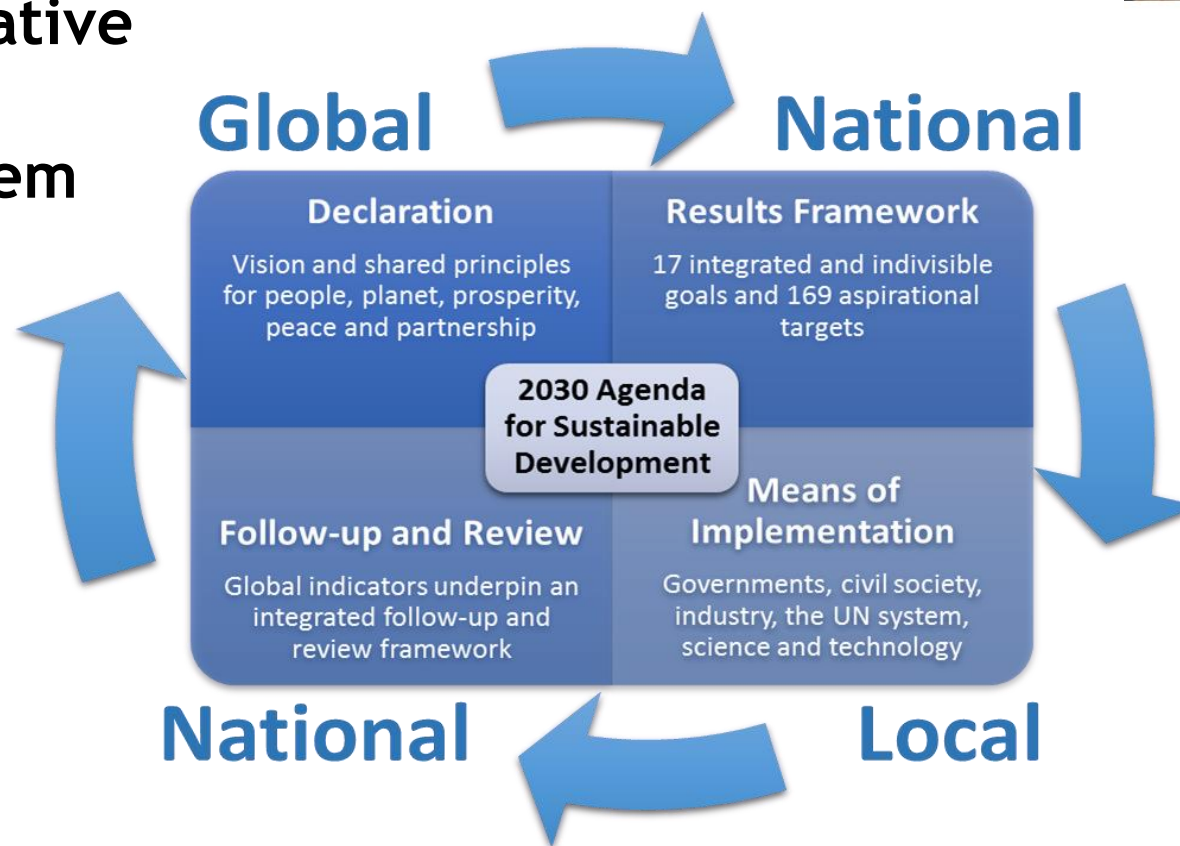
Tasks will include to consider how geospatial information can contribute to the indicators and metadata:

- As a direct indicator in itself;
- To support and augment statistical data;
- To improve the production process of statistical data;
- To validate national statistical data inputs;
- To communicate and visualize the geographic dimensions and context of the indicators; and
- To provide granularity and disaggregation of the indicators where appropriate.





**An integrative
data
ecosystem**



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An integrative data ecosystem



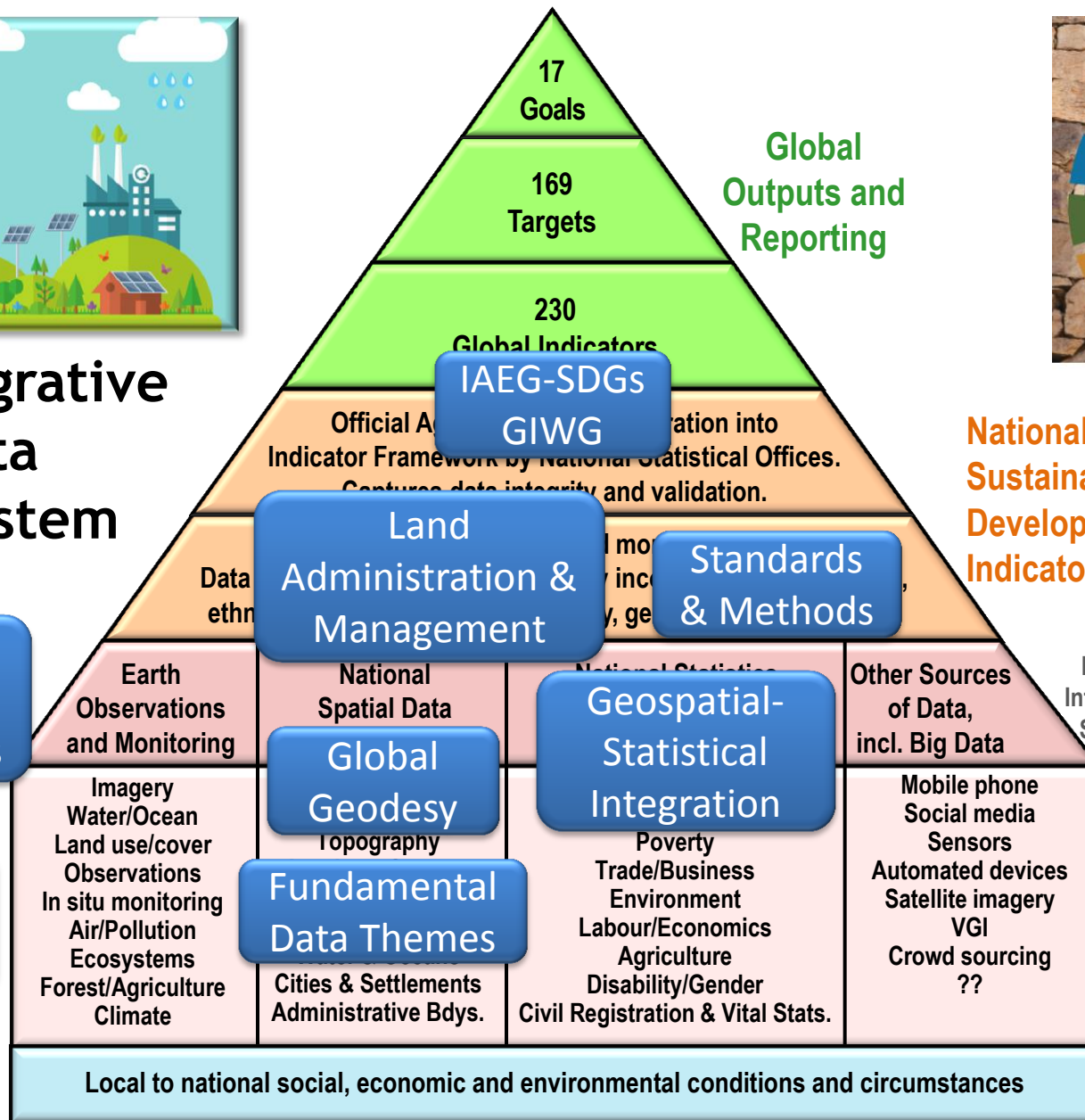
Global
Outputs and
Reporting

National
Sustainable
Development
Indicators

Legal &
Policy Issues

Data
Inputs

Fundamental
baseline data
and new
data sources



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EuroGeographics General Assembly 2016: Unlocking the Power of Information

- Unlocking the power of information is key to better understanding and knowledge.
- Collaboration is essential to enable the efficient delivery of geospatial reference data that contributes to social development, economic growth and environmental sustainability.
- Requires integration of national to global policies, professional communities, national information systems and data....and collaboration!!



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