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THE GLOBAL GOALS
For Sustainable Development

The 2030 Agenda for Sustainable Development
"Where is the Data?": The Africa Perspective

By

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&

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Sustainability

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- **Sustainable development** means to ensure that development meets the needs of the present without compromising the ability of future generations to meet their own needs.
- **The three pillars of sustainable development are**:
  - ✓ **Economic development,**
  - ✓ **Social development, and**
  - ✓ **Environmental protection.**
  - ➢ **A collective responsibility to advance and strengthen theses interdependent and mutually reinforcing pillars of sustainable development at local, national, regional and global levels."**
- **Agenda 2030 identified a fourth dimensions as part of the global vision for sustainable development, i.e.,**
  - ✓ **Peace and Security.**

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Transforming Our World: The 2030 Agenda for Sustainable Development

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Targets & Indicators

- **17 Goals**
- **169 Targets**
- **232 indicators** classified as follows:
  - **82 Tier I** indicators,
  - **61 Tier II** indicators and
  - **84 Tier III** indicators.
  - **5 indicators that have multiple tiers** (different components of the indicator classified into different tiers).

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The 2030 Agenda

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- The agenda is **a promise by leaders to all people everywhere**. It is a universal, integrated and **transformative vision for a better world**.
  - ✓ It is an agenda for **People**, to end poverty in all its forms
  - ✓ An agenda for the **Planet**, our common home.
  - ✓ An agenda for **shared Prosperity**, **Peace** and **Partnerships**.
  - ✓ it pledges to "**leave no one behind".**
- A vision for a better world by reaching the **"furthest behind first"**.

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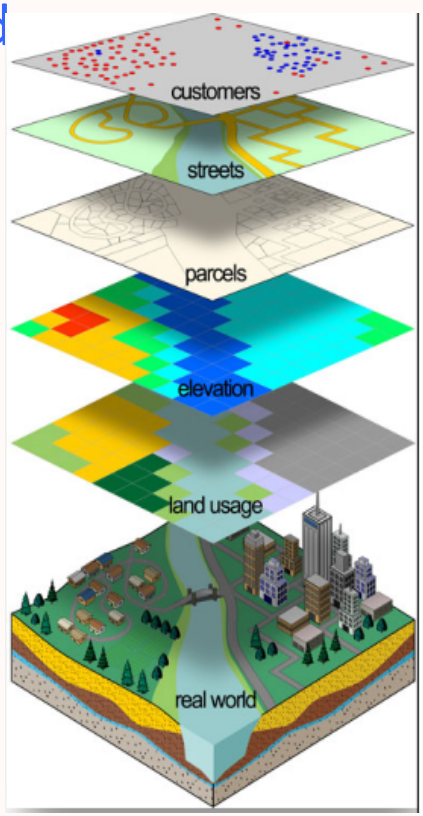
General Assembly Resolution A/RES/70/1 Para.76; Follow up and Review

….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 observation and geospatial information, while ensuring national ownership*** in supporting and tracking progress.

…The follow-up and review processes at all levels will be guided by a Series of principles, one of which is that–"They will be rigorous and based on evidence, informed by country-led evaluations and **data which is high-quality, accessible, timely, reliable and disaggregated, including by geographic locations, relevant in national contexts"**.



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Where is the Data??

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- **EO Data?**
  - High Resolution, Timely EO Data
- **Geospatial Data?**
  - Geodetic Reference Frame
  - Large Scale, Timely Topographic and Thematic Maps

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World Internet Statistics

(source: www.internetworldstats.com)

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World Regions	Population (2017 Est.)	Population % of World	Internet Users 31 Mar 2017	Penetration Rate (% Pop.)	Internet Users %
Africa	1,246,504,865	16.6 %	353,121,578	28.3 %	9.4 %
Asia	4,148,177,672	55.2 %	1,874,136,654	45.2 %	50.1 %
Europe	822,710,362	10.9 %	636,971,824	77.4 %	17.0 %
Latin America/ Caribbean	647,604,645	8.6 %	385,919,382	59.6 %	10.3 %
Middle East	250,327,574	3.3 %	141,931,765	56.7 %	3.8 %
North America	363,224,006	4.8 %	320,068,243	88.1 %	8.6 %
Oceania / Australia	40,479,846	0.5 %	27,549,054	68.1 %	0.7 %
World Total	7,519,028,970	100.0 %	3,739,698,500	49.7 %	100.0 %

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The Status of Mapping in the World

(Source: Prof. Gottfried Konecny, Paper submitted to the 10th UNRCCA, August 2013(

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Scale	1:25,000	1:50,000	1:100,000	1:200,000
Africa	**2.9%**	**41.4%**	**21,7 %**	**89,1 %**
Asia	15.2%	84%	56,4 %	100 %
Australia & Oceania	18.3%	24.3%	54,4 %	100 %
Europe	86.9%	96.2%	87,5 %	90,9 %
North America	54.1%	77.7%	37.3%	99.2%
South America	7%	33%	57.9%	84.4%
World	**33.5%**	**65.6%**	**55.7%**	**95.1%**

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The Digital/Geospatial Information Divide

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How do we bridge
the Digital (Geospatial Information) Divide?