

Geospatial information for sustainable development in Africa

African Action Plan on Global Geospatial
Information Management

2016-2030



United Nations
Economic Commission
for Africa

Geoinformation &
Spatial Statistics

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Global Geospatial Information Management in Africa - 2016 - 2030

A Call for action to strengthen and sustain
national geospatial information systems
and infrastructures in a coordinated
manner

FOSS4G 2018 Conference
Intergovernmental Geospatial: The African
Opportunity
30 August 2018 – Dar-es-Salaam, URT

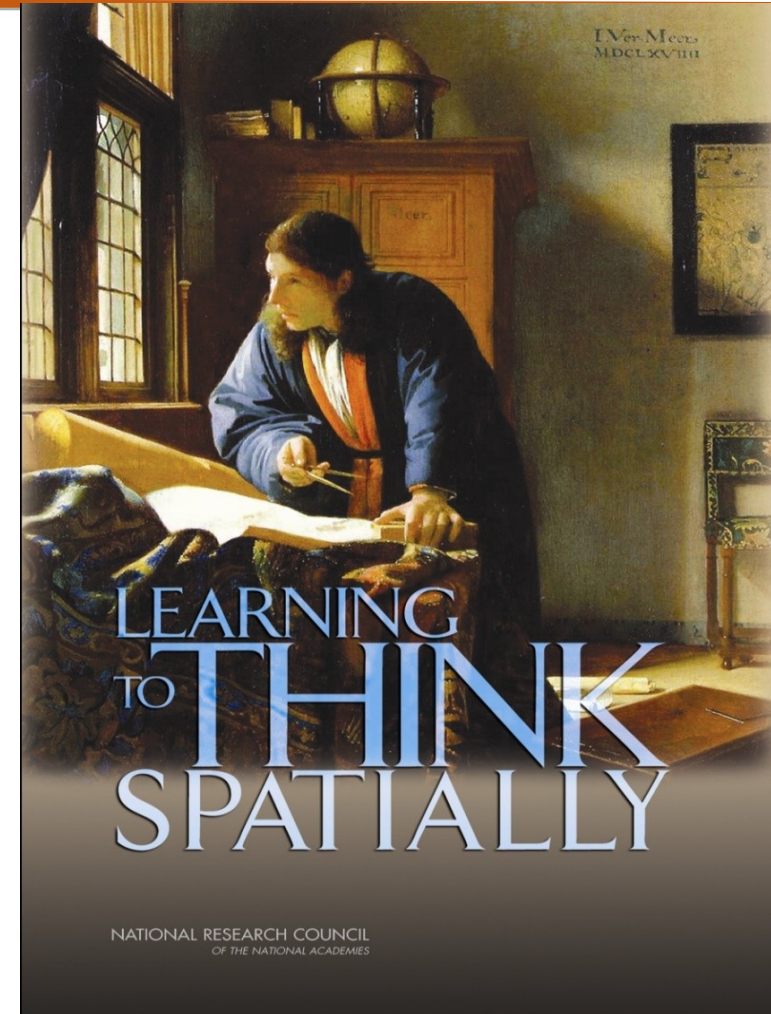


UN-GGIM: AFRICA
UNITED NATIONS INITIATIVE ON
GLOBAL GEOSPATIAL
INFORMATION MANAGEMENT

Geospatial Information Management in Africa

Key Messages

- Africa making its own marks in the geospatial arena
 - If you think you're too small to make a difference you haven't spent a night with a mosquito.
- Putting Africa First
 - Until the lion has his or her own storyteller, the hunter will always have the best part of the story
- New Business standards: Collective approach to implementing key initiatives
 - Wisdom is like a baobab tree; no one individual can embrace it



The African Action Plan : Holistic Geospatial information Vision

Geospatial Inform. for Sustainable Development (Gi4SD) in
Africa

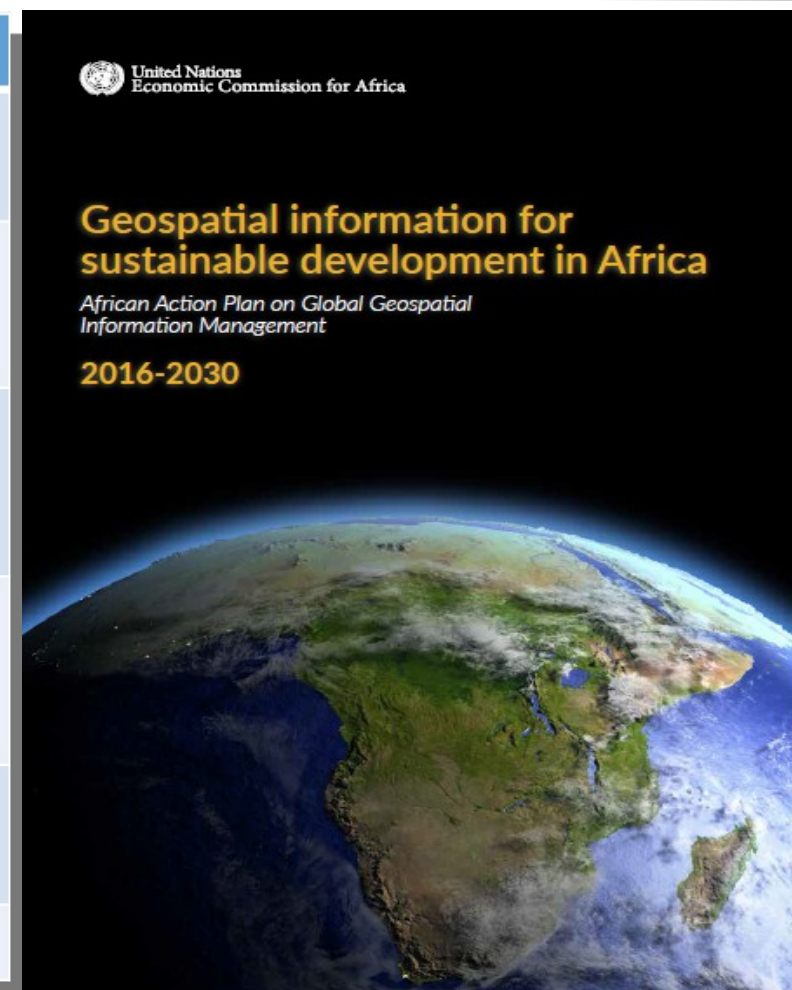
Collective approach to addressing key global challenges



The African Action Plan : Logic of Intervention

- The Vision of GI4SD for the 2030 horizon on the African continent is "Advancing Africa's Sustainable Development Agenda through sound Geospatial Information Management".
- The Mission Statement of GI4SD in Africa is as follows: Africa Produces and Uses Authoritative and Evidence-Based Geospatial Information for the Attainment of its Sustainable Development Goals and Agenda 2063 objectives.

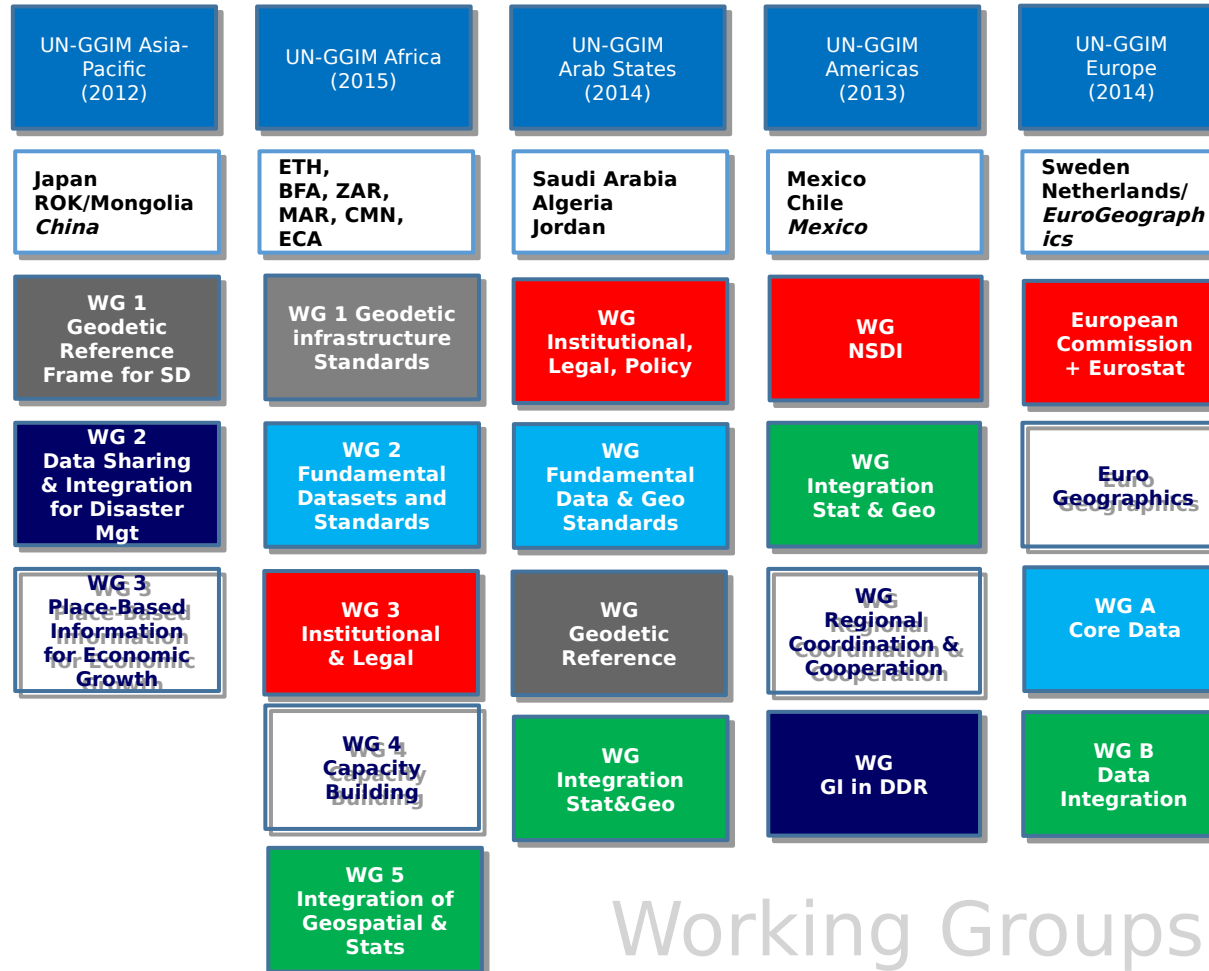
Areas	Costing (\$US)
Governance and management	3 090 000
Common frameworks, Fundamental Datasets, Tools, standards and services	132 086 000
Capacities development	14 100 000
International Coordination and Cooperation in Meeting Global Needs	
integration of geospatial and statistical information.	5 023 000
Total Cost	154 300 000



The African Action Plan : Mechanisms & Frameworks

UN-GGIM: Africa Pillars

- SDI : Frameworks with related policies & structures
- FDS : Fundamental Geospatial Datasets
- AFREF : African Geodetic Reference Frame
- SALB : Second Administrative Level Boundaries
- GeoNyms : Geographic Names

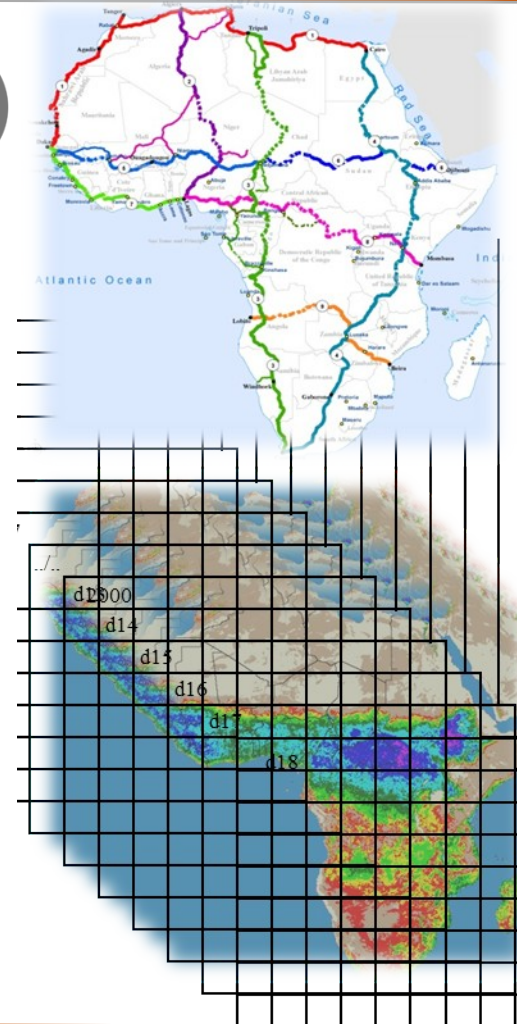
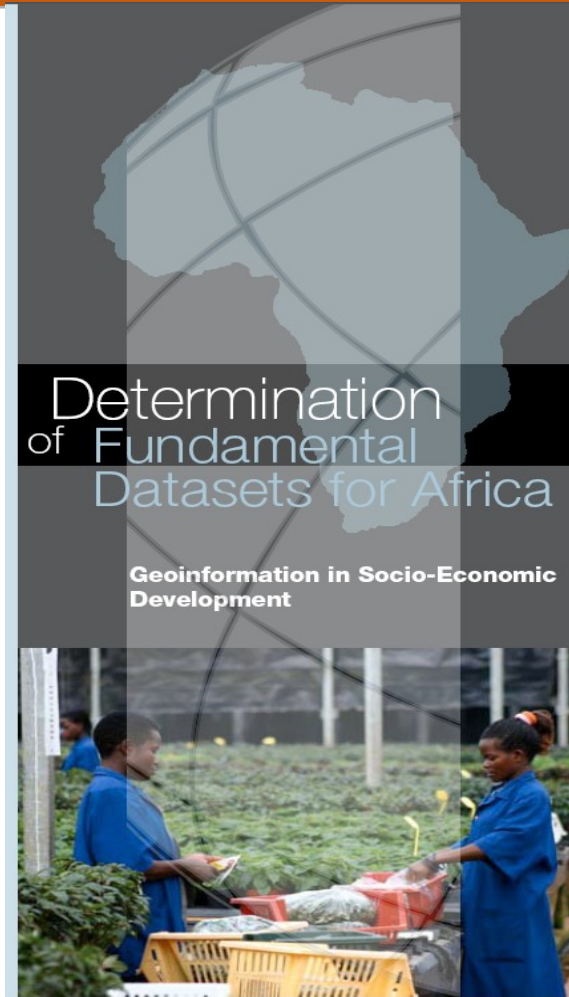


Working Groups

Working Group	Chair	Members	Non Voting Member
WG1: African Geodetic Reference Frame	1. Kenya	2. Nigeria 3. Morocco 4. Botswana 5. Gabon	RECTAS RCMRD UNECA
WG2: Fundamental Geo spatial datasets and Standards	1. South Africa	2. Cameroon 3. Burundi 4. Burkina Faso 5. North Africa [TBD]	Niger UNECA
WG3: Institutional arrangements and Legal frameworks	1. Nigeria	2. Algeria [TBC] 3. Madagascar 4. Ethiopia 5. Central Africa [TBD]	UNECA
WG4: Capacity and capability development	1. Morocco	2. Kenya 3. Zimbabwe 4. Côte d'Ivoire 5. Central Africa [TBD]	South Africa RECTAS RCMRD AARSE UNECA
WG5: Integration of Geospatial and Statistical Information for Sectoral Applications	1. Namibia	2. South Sudan 3. Liberia 4. Cameroon 5. Morocco	Zambia Gabon UNECA

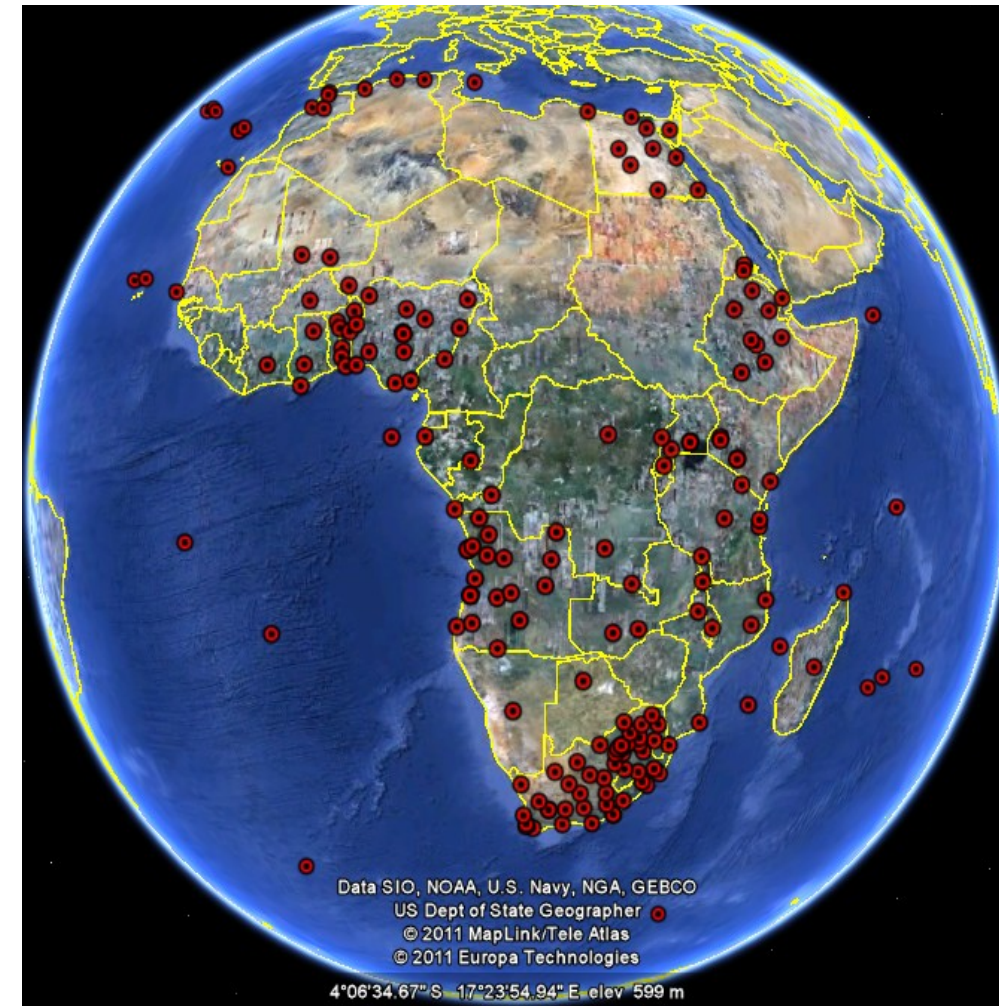
Quick Win 1 : MAfA

- Purpose-oriented datasets
- Structured and comprehensive data foundation that would be consistent, comparable and compatible at the local, national, regional, and global levels.



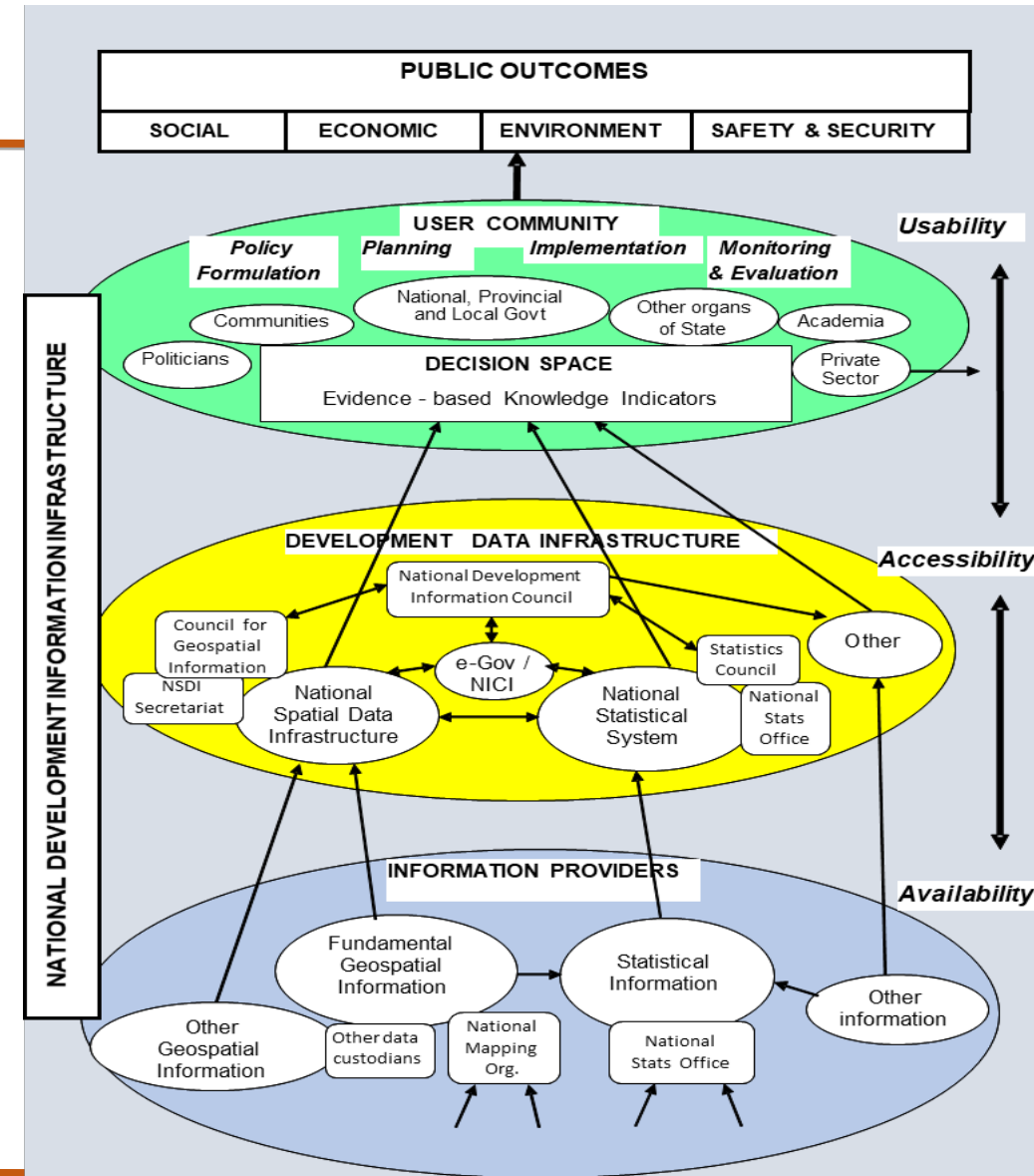
Quick Win 2 : AFREF

- Network of permanent GPS/GNSS base stations covering the whole continent
- At least one in every country
- Eventually, everywhere in Africa less than 1000 km from a base station
- Uniform geodetic reference frame
- Consistent with the International Terrestrial Reference Frame (ITRF)
- Basis for national three-dimensional reference networks



Quick Win 3 : NDII

- A New Paradigm : The National Development Information Infrastructure (NDII)
- The foundational, authoritative and up-to-date spatially-enabled statistical information that are consistently available and accessible over time for informed decision-making at the local, national, regional, and global levels.
- The Global Statistical Geospatial Framework



Getting There... Without Getting Lost...

- Leaving No One Behind
 - More active participation of Member States
- Mobilizing resources for Implementation
 - Involvement of the Private Sector
- Translating the Action Plan into concrete projects with Phased Actionable Items
 - How can FOSS4G be an enabler for the implementation of the Action Plan



**Strengthening
governance
of geospatial
information**



**Meeting
urgent
development
needs**



**Providing a
service
(Spatial
enablement)**



Thank You [www.un-ggim-Africa.org]

- Download the Full Action Plan here:
- English :
www.uneca.org/sites/default/files/PublicationFiles/un-ggim_-_geospatial_information_for_sustainable_development_in_africa-20171115.pdf
- French :
www.uneca.org/sites/default/files/PublicationFiles/geospatial_information_for_sustainable_development_in_africa_fre-20171115.pdf
- Nonguierma@un.org

