



SEE
WHAT
OTHERS
CAN'T™



Africa GeoPortal ...where next



The Africa GeoPortal: Vision & Objectives

The vision is to provide a 'one stop shop' portal for geographic content and comprehensive web GIS tools, free for single users residing, supporting efforts, or working in Africa



This will:

Remove the barriers to entry to geospatial technology, data and learning for users working in or on Africa

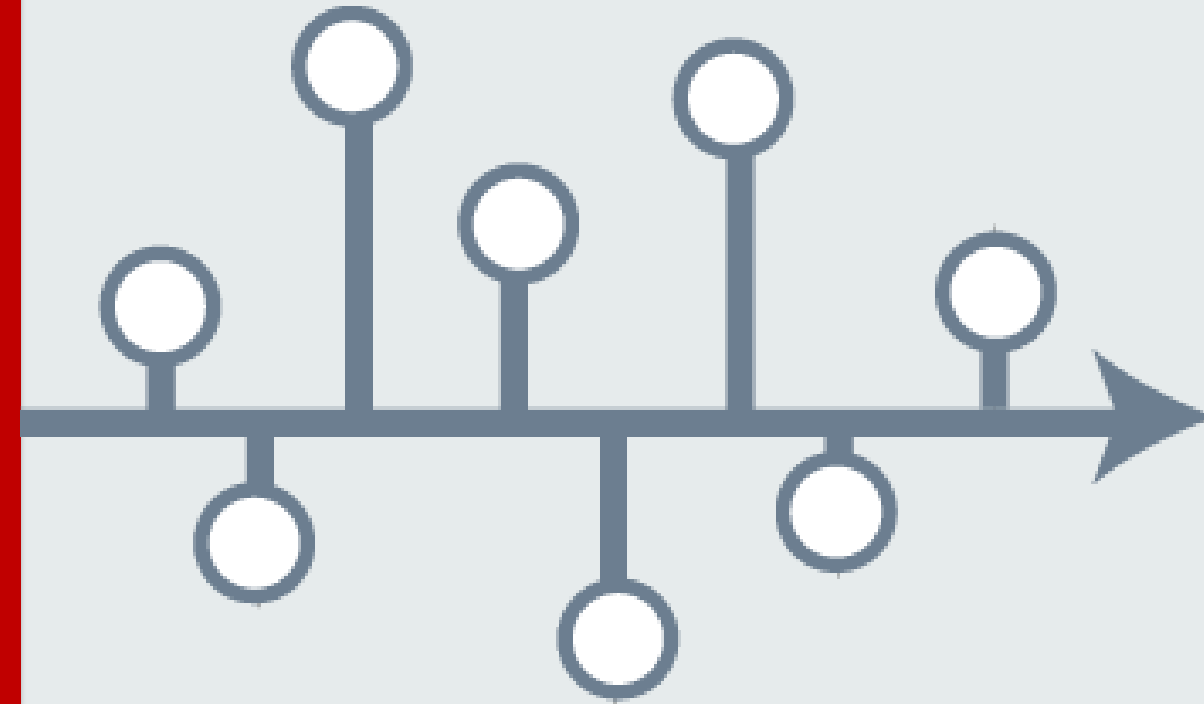
Enable a sustainable portal of portals for existing and new geospatial data focused on Africa

Provide a platform to promote premium data, solutions and value add services to Esri users across Africa

The Africa GeoPortal: Sustainable

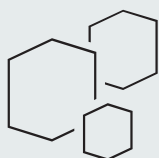
What is Esri committing to:

- Keep the platform running as long as it is needed and used
- Support project data to it continues to be accessible
- Be a portal of portals, referencing or hosting geospatial data regardless of source
- Promote the Africa GeoPortal and gain contributions from other Esri initiatives (Land, Statistics, Health Grants)



Ongoing support commitment from Esri

The Africa GeoPortal: Capabilities



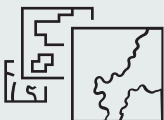
Access Geospatial Tools

Free access to the best geospatial tools to make maps, do analysis and create applications



Learning Resources

Online training resources to guide users to make the most of the geospatial tools



Africa Living Atlas

Authoritative collection of African geospatial data



User Success Stories

Stories shared by Africa GeoPortal users intended to encourage and inspire others



Marketplace

Enabling users to find focused solutions from Esri, partners and other users, for free or for revenue



News and Blog

Channel to help users keep up to date with the Africa GeoPortal and to share news, content and events

Why single use?

Open data first policy

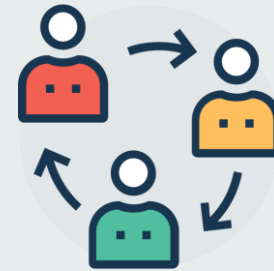
- The idea of having Africa GeoPortal is to create an collaborative environment that avails sharing data, apps and information to everyone any where and at any time



**Private
Workspace**



Transparency



**Collaboration
and sharing**

Working together in Africa

The Africa GeoPortal: Tools and Content

The Africa GeoPortal provides full access to ArcGIS Online, enabling single users to access tools for mapping, analytics, sharing and collaboration, and a suite of templates and field applications



Content available includes:

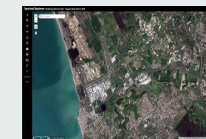
Esri Living Atlas



Admin boundaries



Land cover



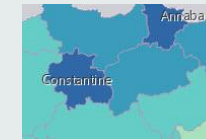
Imagery



Real-time traffic

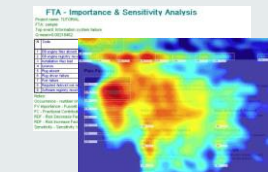


Wind & weather conditions

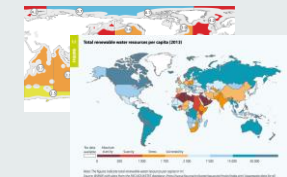


Demographics

Open Data Sources



Community Data (Govs-NGOs-AID Orgs.)



Commercial Data



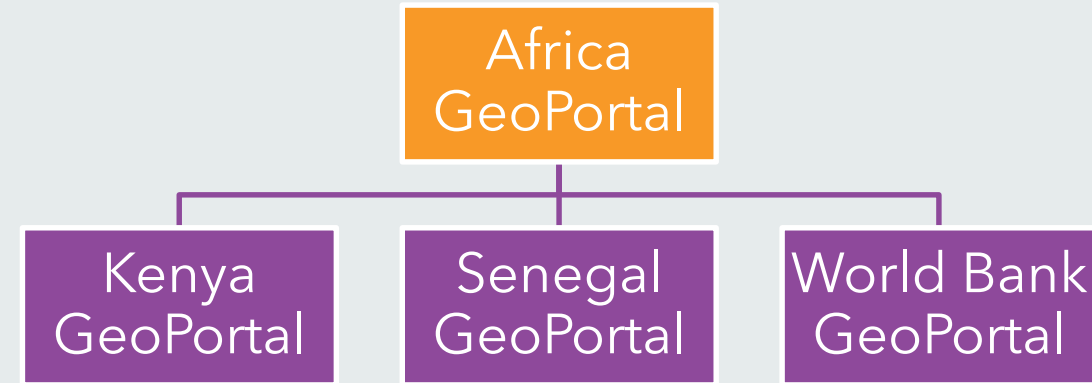
The Africa GeoPortal: Country Pages

Countries or key partners can create focussed pages under The Africa GeoPortal to promote

- Specific data,
- Stories,
- User communities

Benefits include

- Free template for easy adoption
- Ongoing core platform supported by Esri
- All content from Africa GeoPortal



The Africa GeoPortal: Organizations

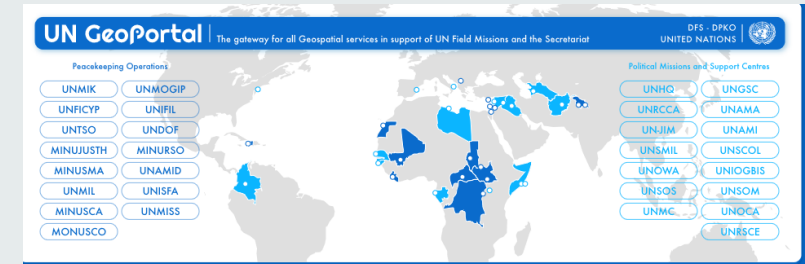
Organizations will share/consume the Africa Geoportal content in a way that creates a transparent environment where everybody can leverage the collaborated information.

This achieves the following benefits:

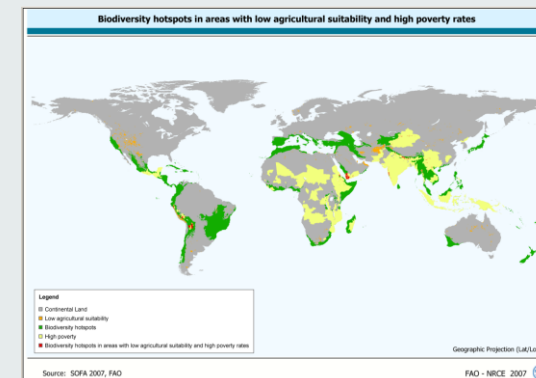
- + Enable better and faster decision making
- + Collect data once, use many times
- + Stimulate innovation and growth
- + Reduce the loss of know-how



Organizations Can:



Share their content



Consume shared data



Leading the way...
...Senegal

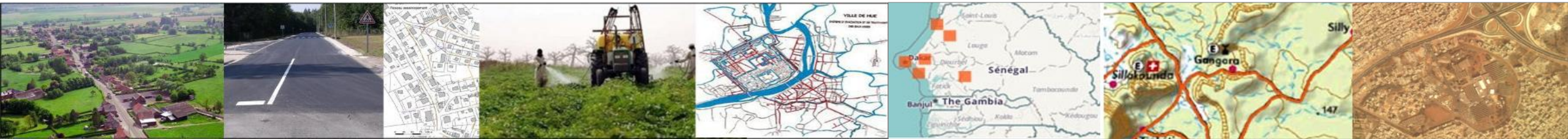
REPUBLIQUE DU SENEGAL
MINISTERE DE LA GOUVERNANCE LOCALE, DU DEVELOPPEMENT ET DE L'AMENAGEMENT DU TERRITOIRE
AGENCE NATIONALE DE L'AMENAGEMENT DU TERRITOIRE



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ATELIER DE PARTAGE DES REALISATIONS DE L'ANAT 2012-2017

SALY, 25-26 AOÛT 2017



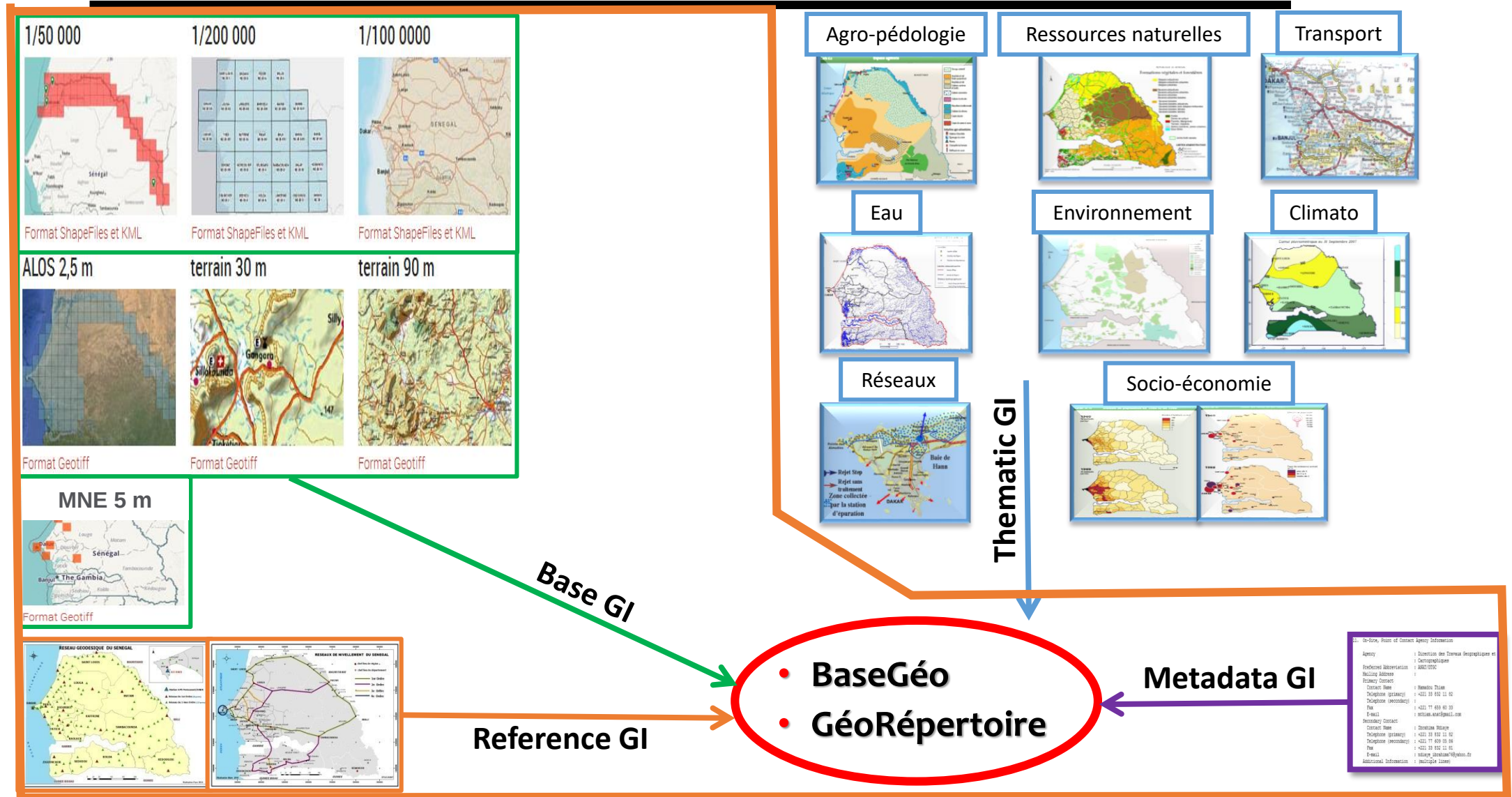
NATIONAL CARTOGRAPHIC INFRASTRUCTURE

- a. Geodetic Reference System (SSRS)**
- b. Multiscale Topographic Databases and Mappings**
- c. Dissemination of Geographic Data and Information**
- d. Administrative and national boundaries**
- e. National Spatial Data Infrastructure (NSDI)**
- f. Spatial Planning and Territorial Development**

Importance of Open Data

- a. Putting geospatial data in the hands of those who need them**
 - ✓ **Support of economic growth**
 - ✓ **Basis for better decision making**
- b. Geo-enablement**
- c. Spur innovation**
- d. Conversation starter amongst government**

National Geospatial Strategy (PNG)



National Geospatial Strategy (PNG) - Data Dissemination



<http://www.basegeo.gouv.sn/>



<http://geossb.gouv.sn/>



Dissemination of Geospatial Information (La Carte Nationale)



Federated geospatial platform

✓ Senegal Open Data Site portal: <https://senegals-ansdsdg.opendata.arcgis.com/>

UNSD/Esri Research Project to Support UN Member States in monitoring the SDGs using GIS Tools.



The screenshot shows the homepage of the 'Sénégal, Open Data Site'. The header is dark blue with the site's logo and name on the left, and a notification bell and 'ANSD' dropdown menu on the right. The main content area features a large background image of a beach with colorful wooden boats. Overlaid on this is a circular graphic of the 17 Sustainable Development Goals (SDGs) in various colors. The text 'Sénégal, Plateforme de suivi des ODD' is prominently displayed in the center, with '17 Objectifs pour transformer le Sénégal' below it. A search bar is visible in the lower right quadrant of the main area.

Sénégal, Plateforme de suivi des ODD est une plateforme publique pour explorer et télécharger des données ouvertes, découvrir et participer à la résolution des problèmes locaux importants. Vous pouvez analyser et combiner des jeux de données ouverts à l'aide de cartes.



Le Géoportail du Sénégal

Le Géoportail du Sénégal s'appuie sur les référentiels de l'ANAT et de l'ANSD et sur des producteurs de données institutionnels et privées pour vous proposer une information fiable sur le pays.

Découvrez comment les communautés s'inspirent des informations de localisation et partagent leurs contenus.



L'importance de l'information géospatiale

L'information géospatiale est la capacité d'analyser et de trouver des modèles dans les données, afin de fournir de puissants aperçus pour comprendre notre monde et communiquer nos besoins. Cela est possible grâce à une combinaison de données locales et d'outils géospatiaux avancés, avec une formation incluse pour toutes les personnes travaillant sur des défis géospatiaux à travers le continent.

L'information géospatiale est essentielle à la compréhension d'un marché, à l'identification des opportunités, à la prise de décision et à la mise en œuvre de projets.

Benefits of a Country Page

- a. Opportunity to bring together the various open data available in Senegal**
- b. Ability to carry out analysis and mash ups of different data for new insights**
- c. Ability to share local geospatial stories specific to Senegal**
- d. Creating a national identity within the Africa Geoportal initiative**
- e. Ability to access other international datasets covering Senegal from the Africa Living Atlas**
- f. A space to further support the geospatial community in Senegal**

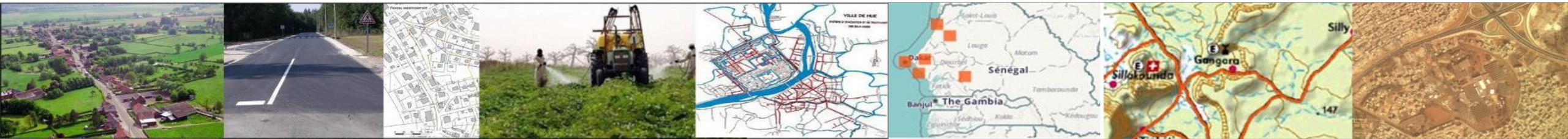
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**THANK YOU FOR YOUR
ATTENTION**

KIGALY, 18-22 NOVEMBER 2019



Africa Needs a Nervous System

An Intelligent and Responsive Collaboration

ACADEMICS

USERS

COMMUNITIES

GOVERNMENTS

INDUSTRY

AGENCIES

Creating More Understanding

... Collaboration and

... Action

... *Geography Is Essential*

Foundations of a Nervous System

Governance

Governance
and Institutions

Legal and
Policy

Financial

Technology

Data

Innovation

Standards

People

Partnerships

Capacity and
Education

Communication
and Engagement



INTEGRATED GEOSPATIAL
INFORMATION FRAMEWORK

Over to you. . .

. . .How will you use it?



AFRICA
GEOPORTALSM

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www.africageoportal.com



Source: 2003, 100, Metzger, et al, 2012, USA, GEC