





# The Africa Information Highway: A New Lane for the Sustainable Development Goals

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## What is Africa Information Highway

The Africa Information Highway (AIH) is the AfDB's initiative that has linked the African countries through the Open Data Platform

This initiative covers data management and data dissemination tools

The system facilitates data exchange in SDMX





## AIH Components

Each country got an Open Data Platform (ODP) that allows to disseminate their Statistical Data

- An Executive Mobile Monitor is also available to disseminate data on mobile devices
- A SDGs Data hub is available with possibility to generate SDGs reports across Africa
- > A SDG page is also available for each country on top of ODP
- A Census Data Page ready to use on ODP







# AIH Implementation

The installation start in January 2013 and the system is now available in:

- All 54 Africans countries
- > 9 regional and sub regional organizations
- Around 17 Central Bank and Ministries of finance(through the IMF/AfDB collaboration
- Some others ministries like Ministries of transports, labor in zambia







# Objectives of AIH

- Facilitate easy public access of official statistics to the general public.
- Improve decision making based on data
- Improve data harmonization, thereby increase data comparability.
- Improve exchanges of data among organizations and countries.
- ➤ Introduce tool for data submission to partners.





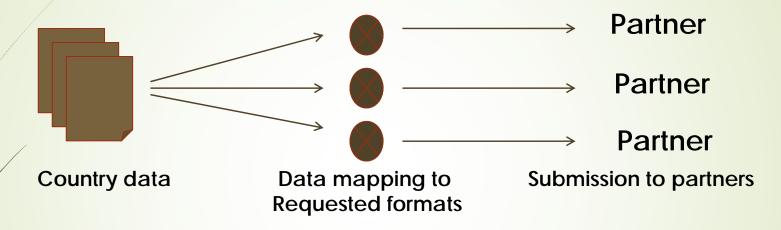
# Systems functionalities

- Users can access a wide range of development data on African countries from different sources.
- Users can upload and share data with others
- Users can visualize indicators over a period of time, gain access to presentation-ready dashboard and graphics and perform comprehensive analysis on a country and regional level.
- ODP as data reporting tool: Integrated tool for data submission to arranged partners.





# Current data transmission method



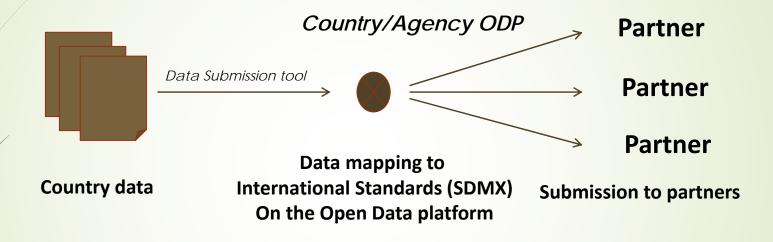
### **Current process**

- Organization specific data mapping and formats leading to repetitive work
- Lack of common standards
- Reporting burden heavy on countries.





# Proposed data transmission integrating SDMX



#### **To-be process**

- Countries map data to international standards (SDMX) and load in the AfDB's Open Data platform
- Data collecting organizations pick from the Open Data platform.







### AfDB and IMF collaboration

- IMF is collaborating with AfDB to implement eGDDS in Africa using the AfDB platforms
- Around 17 countries are already covered for this collaboration
- Using the country Open Data platform, IMF implement the National Summary Data Page (NSDP) which all data domain covered by this eGDDS initiative.
- As the portals are SDMX compliant, IMF use the portals to collect automatically in SDMX format data from Africans countries which participated of the eGDDS
- Through this collaboration we expect to push and assist countries to upgrade to SDDS. Country like Senegal has objective to join this SDDS initiative in 2017
- So this will be an important result for this successful with the two institutions
- AfDB expect also to have others international organizations joining this initiative











### NATIONAL SDGs DATA PAGE

SDGs Data Hubs built for each country on top of the Open Data Platform







### NATIONAL SDGs DATA PAGES

Each African country got his own SDGs Hub





### NATIONAL SDGs DATA PAGE

Data displayed by Goal and by Target with breakdown to indicators









### NATIONAL SDGs DATA PAGE

Data Exchange using the SDGs Data Page

> SDGs data can exported in a human readable format







Adobe Acrobat Reader

> Or, exchanged machine to machine using the ODP SDMX Web Service.







### NATIONAL SDGs DATA PAGE

#### Data Extraction in SDMX format

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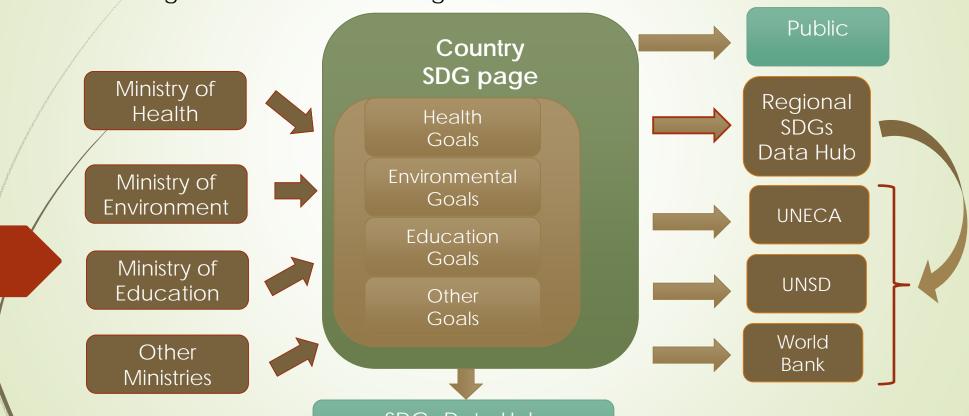






### NATIONAL SDGs DATA PAGE

Data Exchange with International Organizations



SDGs Data Hub
Dashboards/Visualizations









### REGIONAL SDGs DATA HUB

- > As part of the AIH initiative, AfDB launched the Regional SDGs Data Hub(http://sdg.opendataforafrica.org/
- This SDGs Data Hub allows users, regional organizations and International Organizations to access all SDGs Data of all African Countries.









### REGIONAL SDGs DATA HUB

Reports can be generated about SDGs in different Formats







### REGIONAL SDGs DATA HUB

Users can get the SDGs Data Report by Country

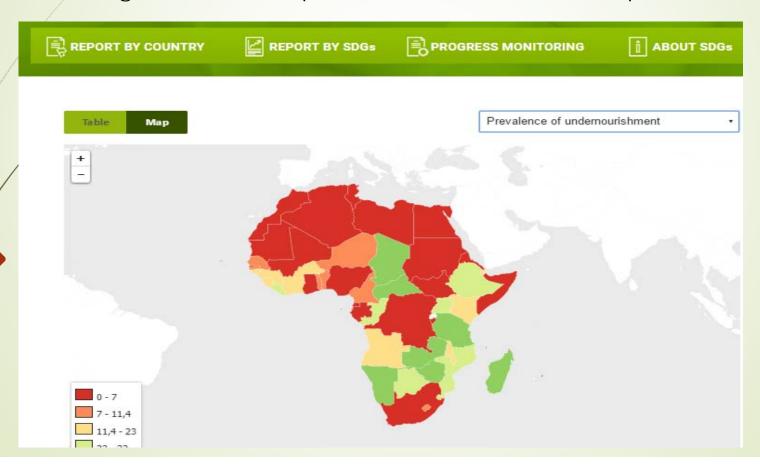






### REGIONAL SDGs DATA HUB

Users can get the SDGs Report for all countries on a Map







### REGIONAL SDGs DATA HUB

Users can get the Data Report by Goal

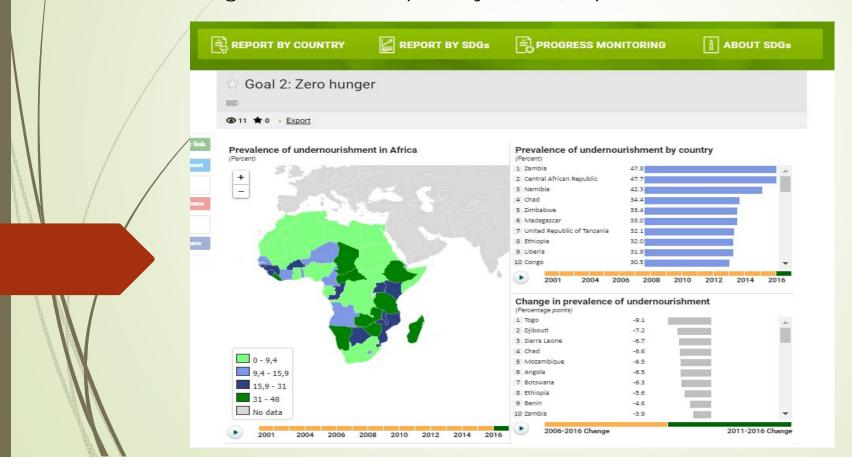






### REGIONAL SDGs DATA HUB

Users can get the Data Report by Goal (Report for Goal 2)

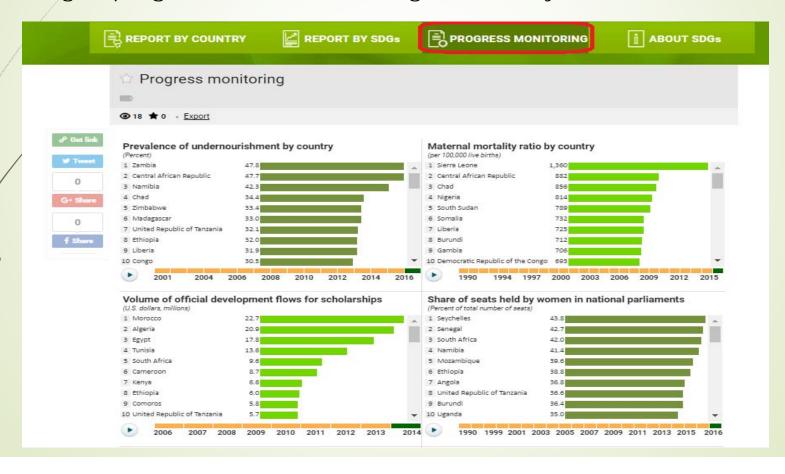






### REGIONAL SDGs DATA HUB

Monitoring to progress towards achieving SDGs easily done













### Benefits for countries

- No need to coordinate among national agencies to centralize data
- Reduced dissemination and reporting burden
- Focus on content and not the technical needs
- Reduced cost and time
- Decreases development time & costs





# Benefits for the international communities

> SDGs disseminated in the format that is understood by everyone

Data available in an open format for easy re-use

ODP has an SDMX compliant web service to retrieve data





# THANKS