



AFRICAN DEVELOPMENT BANK GROUP

AFRICA  
INFORMATION  
HIGHWAY



# The Africa Information Highway: A New Way to improve Statistical Data Collaborative in Africa





AFRICAN DEVELOPMENT BANK GROUP

AFRICA  
INFORMATION  
HIGHWAY



## What is Data Collaborative

*The term data collaborative refers to a new form of collaboration, beyond the public-private partnership model, in which participants from different sectors—including private companies, research institutions, and government agencies—can exchange data to help solve public problems*



AFRICAN DEVELOPMENT BANK GROUP

AFRICA  
INFORMATION  
HIGHWAY



# 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

## Objectives:

- ✓ 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.



AFRICAN DEVELOPMENT BANK GROUP

AFRICA  
INFORMATION  
HIGHWAY



# AIH Implementation

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

- All 54 African countries
- 9 regional and sub regional organizations
- Around 17 Central Bank and Ministries of finance (through the IMF/AfDB collaboration)



AFRICAN DEVELOPMENT BANK GROUP

AFRICA  
INFORMATION  
HIGHWAY



# Security Aspects on AIH Portals

## ❑ User Level Security

- ❖ Single User Account across ODPs  
Register once from any ODP and use the same account for any ODPs
- ❖ Social Login like Facebook, Google+, Twitter
- ❖ Integrated with other Open Standard Authentication Mechanism (OAuth, SAML)
- ❖ Different roles for user (Visitor, Contributor, Manager)

## ❑ Portal Level Security

- ❖ Public vs Private
  - ✓ Public – access ODP WITHOUT Login
  - ✓ Private - Login is required
- ❖ ALLOW/BLOCK users to create public content within ODP



AFRICAN DEVELOPMENT BANK GROUP

AFRICA  
INFORMATION  
HIGHWAY



# Security Aspects on AIH

- ❑ Dataset/Content Level Security
  - ❖ Granting Access to all users within ODP
  - ❖ Granting Access to specific users registered within ODP
  - ❖ Access Level
    - ✓ Read
    - ✓ Edit
    - ✓ Full Control
  - ❖ Change Ownership of Data/Content



AFRICAN DEVELOPMENT BANK GROUP

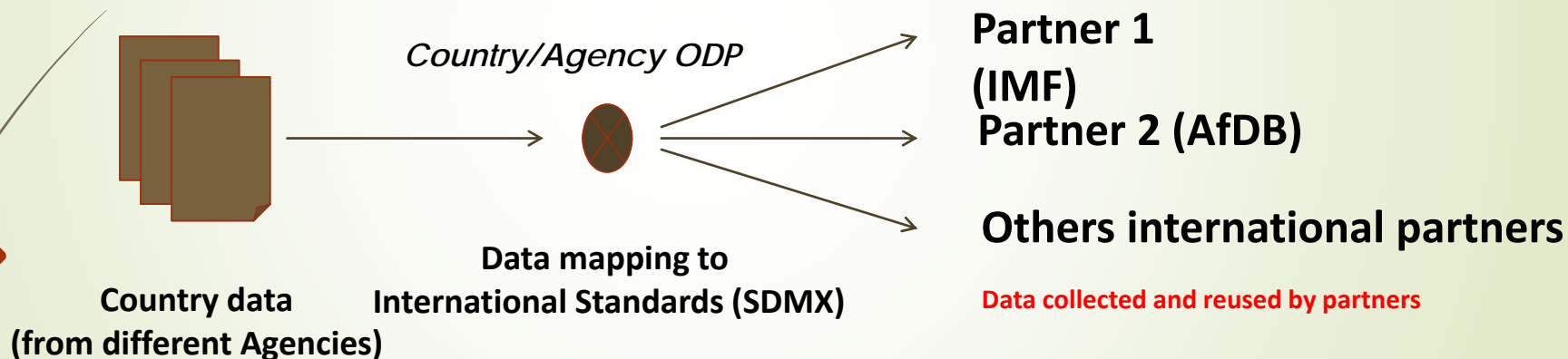
AFRICA  
INFORMATION  
HIGHWAY



# Data collaborative through AIH in Africa

## eGDDS implementation in Africa

Each agency provide their Data in a single place





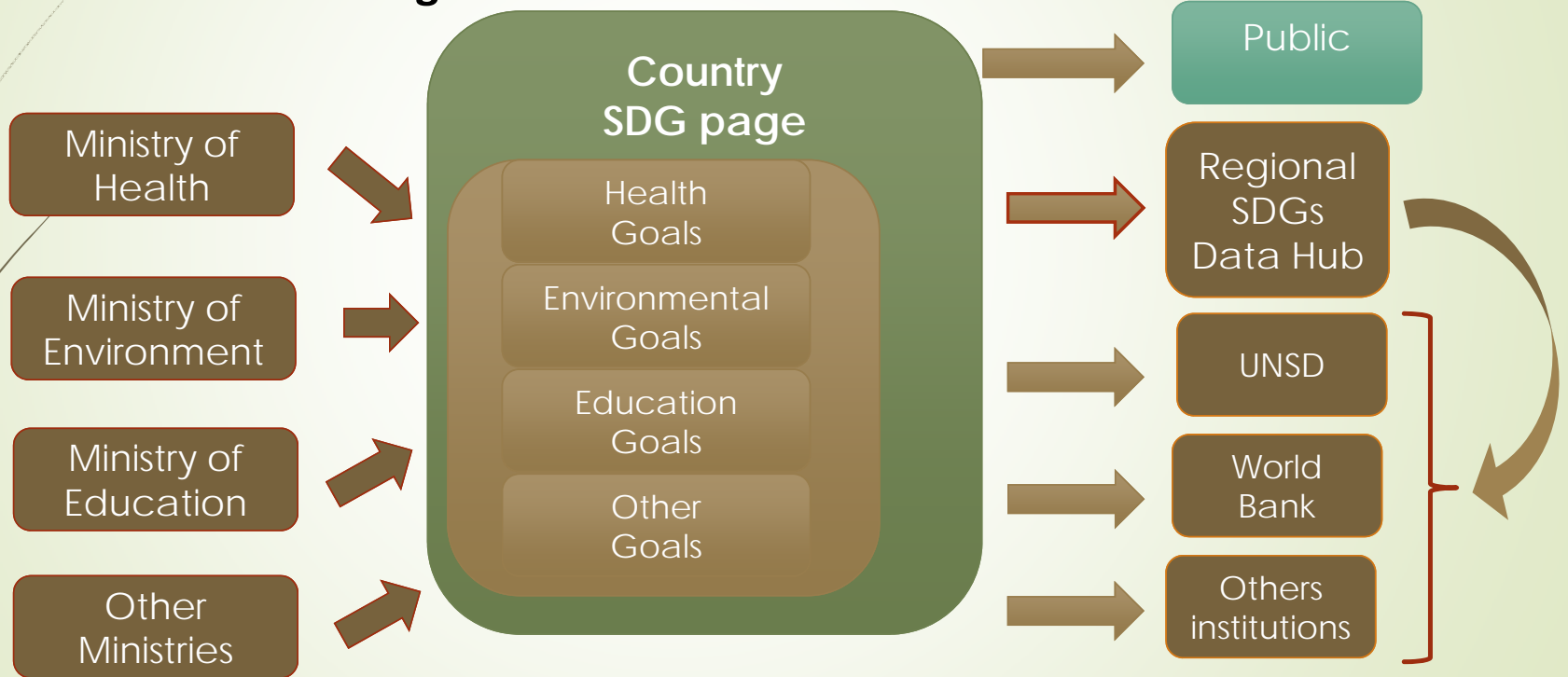
AFRICAN DEVELOPMENT BANK GROUP

AFRICA  
INFORMATION  
HIGHWAY



# Data collaborative through AIH in Africa

## SDG Data monitoring in Africa







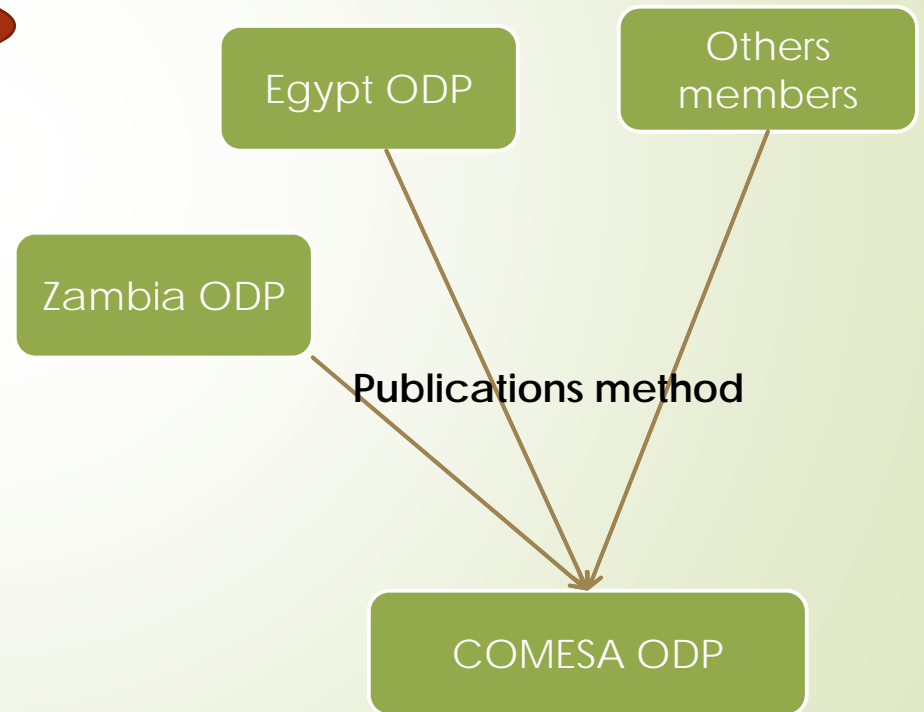
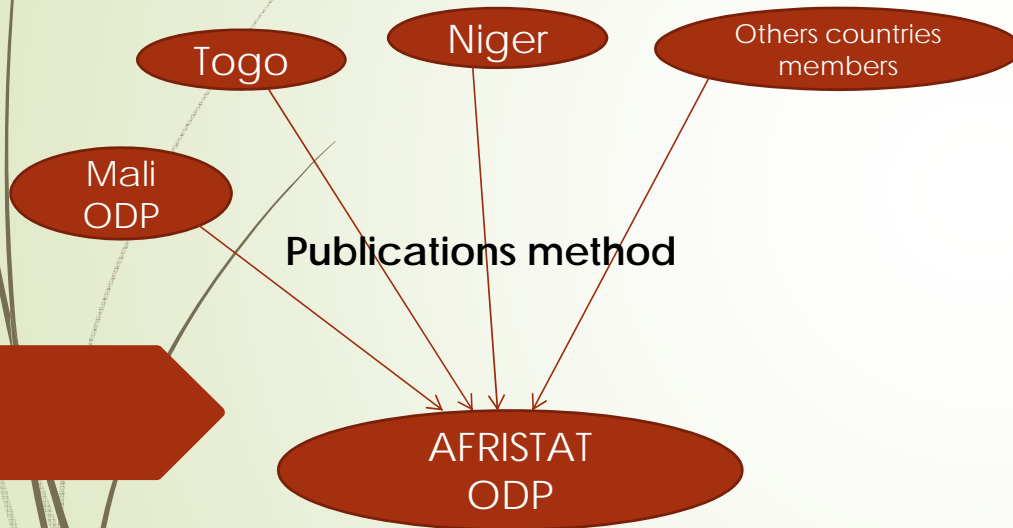
AFRICAN DEVELOPMENT BANK GROUP

AFRICA  
INFORMATION  
HIGHWAY



# Data collaborative through AIH in Africa

## Data collaborative in regional organizations in Africa





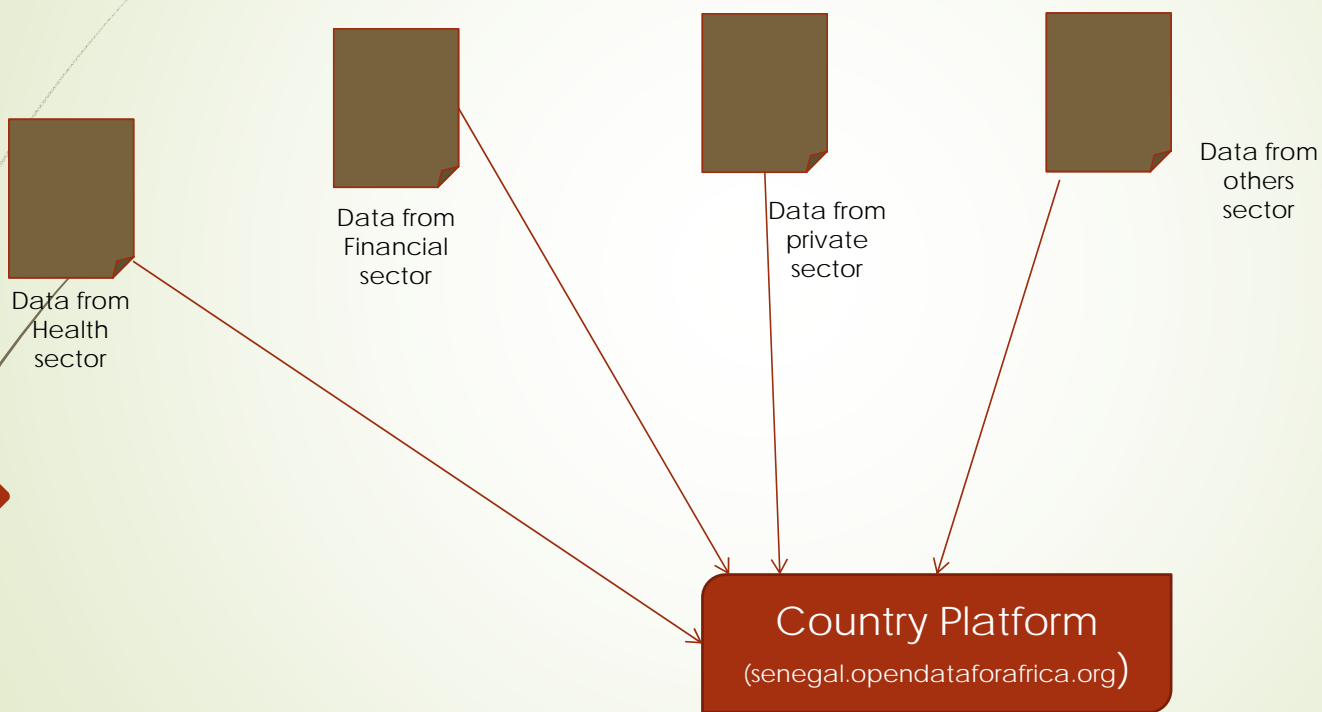
AFRICAN DEVELOPMENT BANK GROUP

AFRICA  
INFORMATION  
HIGHWAY



# Data collaborative through AIH in Africa

## Data collaborative in country level





AFRICAN DEVELOPMENT BANK GROUP

AFRICA  
INFORMATION  
HIGHWAY



THANKS