



AIKP Status Report

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AfDB Statistics Department
Economic and Social Statistics Division



AFRICAN DEVELOPMENT
BANK GROUP



Overview of this presentation

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I. BACKGROUND & INTRODUCTION

AICD 2005-2010	AIKP 2011-2020
One time	Long Term perspective
Covering 26 African countries	Covering 54 African countries
	Focusing on: <ul style="list-style-type: none">• Statistical Capacity Building;• Mainstreaming Infrastructure data in NSDS;
	Almost entirely financed by the Bank (USD 7.5 million for 2011-2015)



II. PROGRESS MADE

1. AIKP Country Teams 2011-2015

Benin, Burkina Faso, Burundi, Cameroon, Cabo Verde, Chad, Central African Republic, Comoros, Congo, DRC, Cote d'Ivoire, Djibouti, Ethiopia, Gambia, Ghana, Guinea, Kenya, Lesotho, Liberia, Madagascar, Malawi, Mali, Mauritania, Mauritius, Morocco, Mozambique, Namibia, Niger, Nigeria, Rwanda, Sao Tome, Senegal, Seychelles, Sierra Leone, South Africa, South Sudan, Sudan, Swaziland, Tanzania, Togo, Tunisia, Uganda, Zambia, Zimbabwe.

44 countries



1. AIKP Country Teams (Cont'd)

- **Composition of Country Team:**
 - 1 Focal person (based in NSO) **coordinating data collection**;
 - 1 Fiscal Expert responsible for **Fiscal data** collection;
 - 1 Utility Expert responsible for **Power, Water and ICT data** collection;
 - 1 Transport Expert responsible for **Road, Air and Ports data** collection;
- **176 = 4 x 44 local experts** are recruited and are operational in 44 countries;
- **40 = 4 x 10 local experts** are yet to be recruited for 2016-2020 data collection cycle in 10 countries (Algeria, Angola, Cabo Verde, Equatorial Guinea, Eritrea, Gabon, Guinea Bissau, Libya, Namibia, and Somalia);
- **4 experts by country = minimum size**;
- **Due to lack of funds**, this minimum size was adopted. The consequences are:
 - **Delay in data collection**;
 - **Lack of local expertise in terms of data quality validation**;



2. Data Collection and Validation

- **44 countries** (out of 54) have submitted data covering the period 2005-2014 via AIKP templates (about 80 %) over the past 4 years since data collection started in 2011.
- **33 countries** have submitted **complete datasets** covering all the sectors.
- These data have been **validated through regional workshops** during which country experts are invited to participate, validate the data and share their experiences.



3. AIKP Data Management Tool

An **AIKP Data Management Tool** (a software) has been developed to assist in tracking templates submitted by countries and validation of the data being collected.

Specifically, the software has been designed to:

- Streamline **data submission process**;
- **Validate** the data submitted; and
- **Build countries capacity** to manage and validate their own AIKP data.



4. Data Dissemination

- AIKP Data is available online at www.infrastructureafrica.org. Data is organized into several databases:
 - ❑ **National level database** (infrastructure data and indicators reported at country level);
 - ❑ **Operator level databases** (infrastructure data and indicators reported at the operator level);
- The data covers **the period 2005-2014** in the following sectors: energy, water & sanitation, roads, rail, air & water transport, and ICT;
- The information relates to **levels of access to these utilities, their performance** (financial indicators, technical indicators, quality, usage, etc.);



5. Data Processing and Analysis

- ❖ **Raw data** were collected for the period 2005-2014 and **indicators** must be generated based on them;
- ❖ **Indicators are being generated** to complement these raw data and will be made available online by end December 2015;
- ❖ Sector experts are **analyzing generated indicators** for the purpose of producing analytical reports and validating the indicators;
- ❖ As of November 2015, **AIKP indicators made available online** relate only to National Database which are processed from Household Surveys.



6. Sector Investment Needs Models

- **Power Investment Needs Model:** The model to estimate energy sector investment needs is developed and estimates generated for 15 African countries. The model covers period 2015-2025. Extension to 39 countries is ongoing and will be available by end December 2015;
- **ICT Investment Needs Model:** The model to estimate ICT sector investment needs is developed and estimates for 45 African countries have been generated. The model covers period 2016-2024.
- **Road Transport Investment Needs Model:** The model to estimate road transport sector investment needs is being finalized and preliminary investment estimates will be available for 50 African countries by end December 2015. The model covers period 2016-2025.
- **Water supply and Sanitation Investment Needs Model:** The model to estimate Water Supply and Sanitation investment needs for all African countries is being finalized and preliminary estimates will be available for 50 African countries by end November 2015. The model covers period 2016-2025.



6. Sector Investment Needs Models (Cont'd)

The work is ongoing to estimate Investment Needs Data for Africa in All infrastructure sector.

Preliminary data available: Investment Needs Per Year, 2016-2025			
Power sector	ICT sector	WSS sector	Road sector
USD 28 billion	USD 2 billion	?	?
Based on 15 countries	Based on 45 countries	Based on 50 countries	Based on 50 countries



7. Knowledge Products

- Besides the databases available online, a number of key **knowledge products** have been generated using the AIKP data in the forms of Studies, Briefs, Working papers, etc.
- The briefs provide insight on the infrastructure sectors at the regional/sector/country levels.
- Over the period 2010-2015, these products were made available on the internet as follows:

2010	2011	2012	2013	2014	2015
- 2 studies	- 2 market studies - 1 Economic Brief	- 4 Market studies - 3 Economic Brief - 2 Economic Sector Work - 3 Working paper	- 2 Economic Briefs - 7 Economic Sector Work	- 1 Economic Brief; - 1 Working Paper	- 2 Economic Sector Work



III. CHALLENGES AND MITIGATING MEASURES

Challenges Faced	Mitigating Measures
<p>Staffing deficiencies: Limited staff in the Statistics Department (ESTA) meant that AIKP work is handled by staff who has other statistical responsibilities.</p>	<p>Internal Expertise: The work has been handled mainly through the use of consultants. Measures will be taken to ensure that ESTA has internal dedicated AIKP expertise in future.</p>
<p>Lack of financial resources: Funding of the AIKP (about USD 7.5 million) has been done entirely by the Bank except for a \$526,000 contribution from South Korea. Some activities (data collection, data validation, etc.) were delayed and scaled down due to lack of funds and delays in resource commitment and transfer to RMCs.</p>	<p>Mobilization of resources: Development partners need to supplement efforts made by the Bank. Financing gap still remains for the coming years as indicated in the section “AIKP financing gaps” .</p>
<p>Lack of expertise: Analytical review of the data and knowledge products by the Bank’s operations department is critical for the quality of the data and products generated by the program. While some reports have been produced in the past, the expected feedback from key infrastructure departments were not always provided on time to ensure proper and timely dissemination.</p>	<p>Wider network of experts is being mobilized with a proper mechanism of review process of analytical works within the Bank and involving ICT, Power, Transport and water supply sector department experts (ONEC, AITC, OWAS, ICA, and EDRE). This will constitute a technical committee under the lead of CS Vice-President and Chief Economist Complex.</p>
<p>Lack of strong coordination with sub-regional organizations (SROs): SROs were involved only on financial aspect of the program (through disbursement). It was not sufficient.</p>	<p>Extension of SRO’s participation: It is envisaged to provide capacity building (through trainings and seminars) to SROs to strengthen supervisions of data collection, data validation and data processing for their member countries.</p>



IV. Financing Gaps, 2011-2020 (Thousand USD)

AREAS OF FUNDING NEEDS	CYCLE OF DATA COLLECTION & PROCESSING					GRAND TOTAL
	FIRST	SECOND	THIRD	FOURTH	FIFTH	
	2011-2012	2013-2014	2015-2016	2017-2018	2019-2020	2011-2020
1. Data Collection	1,720	1,496	1,288	1,250	1,260	7,014
2. Capacity building	3,060	1,825	1,435	1,425	1,450	9,195
3. Data analysis & dissemination	540	450	345	450	435	2,220
4. Knowledge generation	820	505	370	550	750	2,995
Total	6,140	4,276	3,438	3,675	3,895	21,424
Contingency (5%)	307	214	172	184	195	1,071
Total Funding Needs	6,447	4,490	3,610	3,858	4,090	22,495
AfDB Funding ¹	3,314	2,685	2,296	1,200	1,350	10,845
Korea Fund	112	380	34	-	-	526
Other donors	-	-	-	-	-	-
Total Funding Gap²	3,021	1,425	1,280	2,658	2,740	11,124
FUNDING GAP FOR THE PERIOD 2016-2020				USD 6.00 MILLION		

(1) Funding sources from administrative budget, SCB program and MIC Funds.

(2) Equivalent of total amounts for which additional donors funding are/were required



V. WAY FORWARD 2016-2020

Based on the lessons learned, the emphasis will be on :

- **Dissemination of the data already collected** and submitted by countries;
- **Processing indicators** and **disseminating** them on the website;
- Complete **AIKP online model** and **Investment Needs Figures**
- Generation of a number of **regional and sector reports**;
- Preparation of **country reports** for dissemination at the country level;
- Engagement with countries not yet in the program so as **to cover all RMCs (at least 52 Countries)**;
- **Mainstream Infrastructure data** in NSDS;
- Ensuring that **trained country teams are in place** before the next phase of data collection.
- **Resource mobilization** with partners to meet the financing gap of **USD 6.00 million**.



Thank you for your attention