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Economic Commission for Africa

THE IMPLEMENTATION OF SNA 2008 AND ITS IMPACT ON SDG MONITORING: THE AFRICAN EXPERIENCE

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at

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Economic Statistics Infrastructure within SDGs Framework

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Outline of the Presentation

- Challenges of economic statistics and national accounts in Africa
- Demands of data by SDGs; needs for capacity building by NSOs
- African common project on the implementation of the 2008 SNA, the progress made, and the way forward

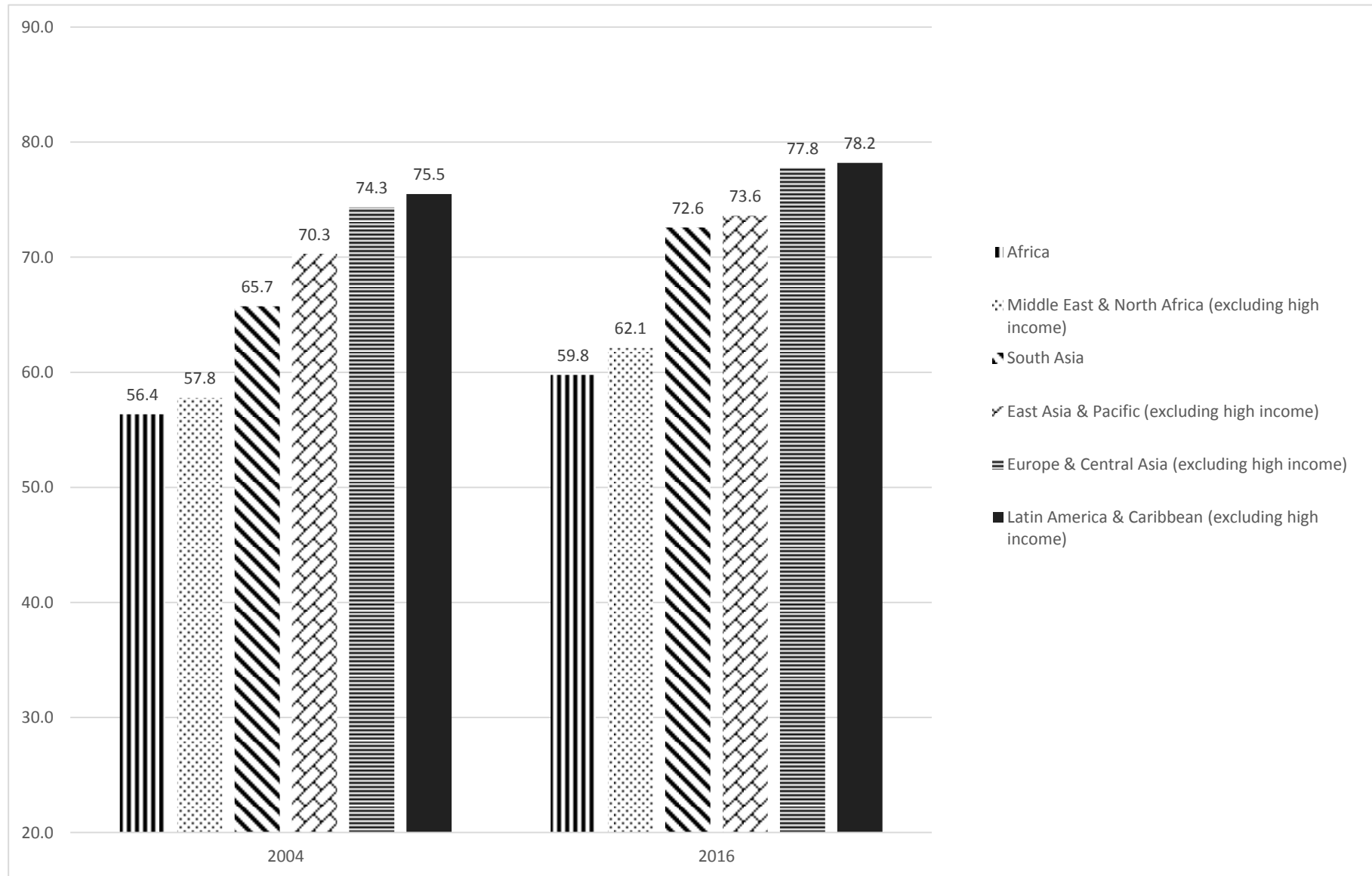


Challenges of Economic Statistics and National Accounts in Africa

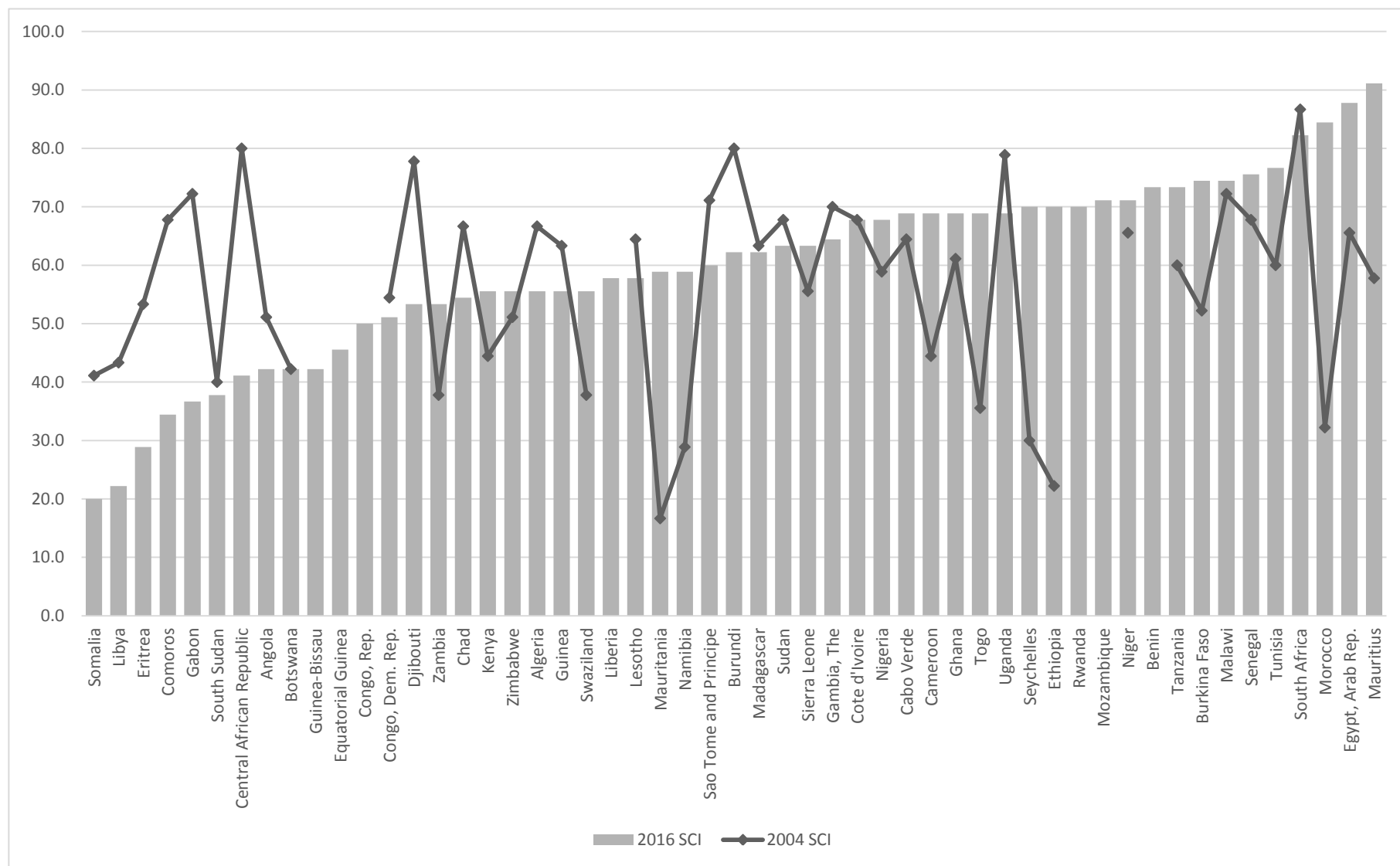


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SCI overall score in different regions, 2004 and 2016



African countries SCI overall score (2004 vs. 2016)



Different Versions of SNA Used

SNA in use	Number of Countries	% share
2008 SNA	10	20.8
1993 SNA	36	75
1968 SNA	2	4.2
Total	48	100

Different Versions of Classification Used

Classification of Activity	Currently Used
ISIC Rev 3	7
ISIC Rev 3.1	6
ISIC Rev 4	16
NAEMA	10
NAEMA rev1	5
Other	4

Scope of National Accounts

Activities	Currently compiling	%
SNA 2008 compliance for production and asset boundaries	17	35%
IT tool for compilation of national accounts	25	52%
Employment matrix	11	23%
Supply and use table (SUT)	25	52%
Production approach GDP by industrial economic activities:	34	71%
Production approach GDP-- by institutions	20	42%
Expenditure approach GDP	36	75%
Quarterly GDP	16	33%
Production and generation of income accounts	23	48%
Sector accounts up to capital account	18	38%
Sector accounts up to financial accounts	5	10%
Balance sheets	1	2%

Base-year for Constant GDP

Countries	Base Year	Countries	Base Year
Egypt	2011/12	Sao Tome and Principe	2008
South Sudan	2011	Benin	2007
Swaziland	2011	Cape Verde	2007
Ethiopia	2010-11	Comoros	2007
Liberia	2010	Madagascar	2007
Malawi	2010	Mauritius	2007
Nigeria	2010	Morocco	2007
South Africa	2010	Tanzania, United Republic of	2007
Zambia	2010	Togo	2007
Uganda	2009/10	Botswana	2006
Djibouti	2009	Ghana	2006
Mozambique	2009	Niger	2006
Zimbabwe	2009	Seychelles	2006

Base-year for Constant GDP (Cont'd)

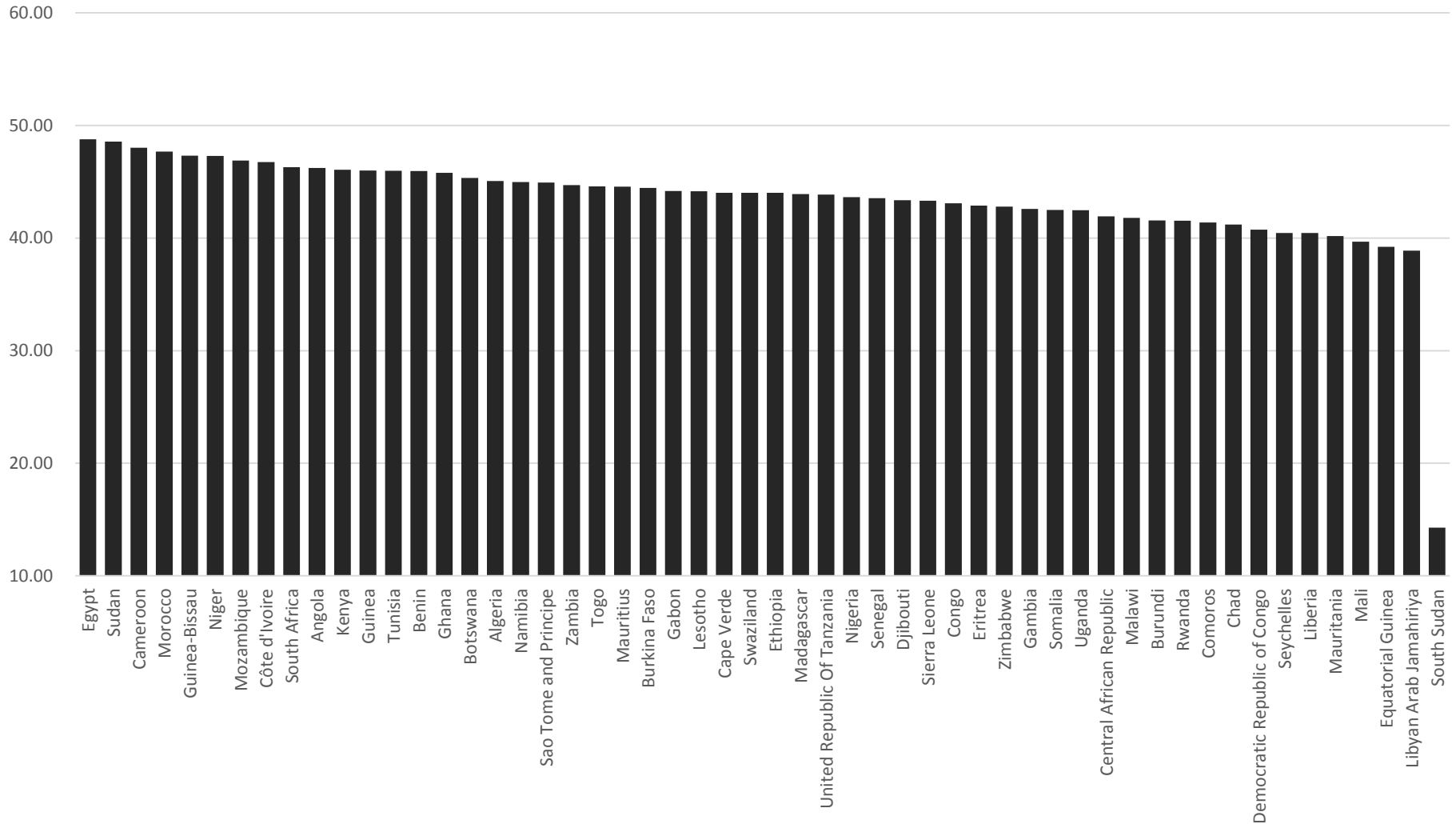
Countries	Base Year	Countries	Base Year
Sierra Leone	2006	Mauritania	2004
Burundi	2005	Algeria	2001
Cameroon	2005	Gabon	2001
Chad	2005	Burkina Faso	1999
Congo	2005	Senegal	1999
Democratic Republic of Congo	2005	Mali	1997
Guinea-Bissau	2005	Tunisia	1997
Gambia	2004	Côte d'Ivoire	1996
Lesotho	2004	Sudan	1981/82

Demands of Data by SDGs; Needs for Capacity Building by NSOs



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Average economic statistics data points in SDG by country (for the period of 1990-2016)





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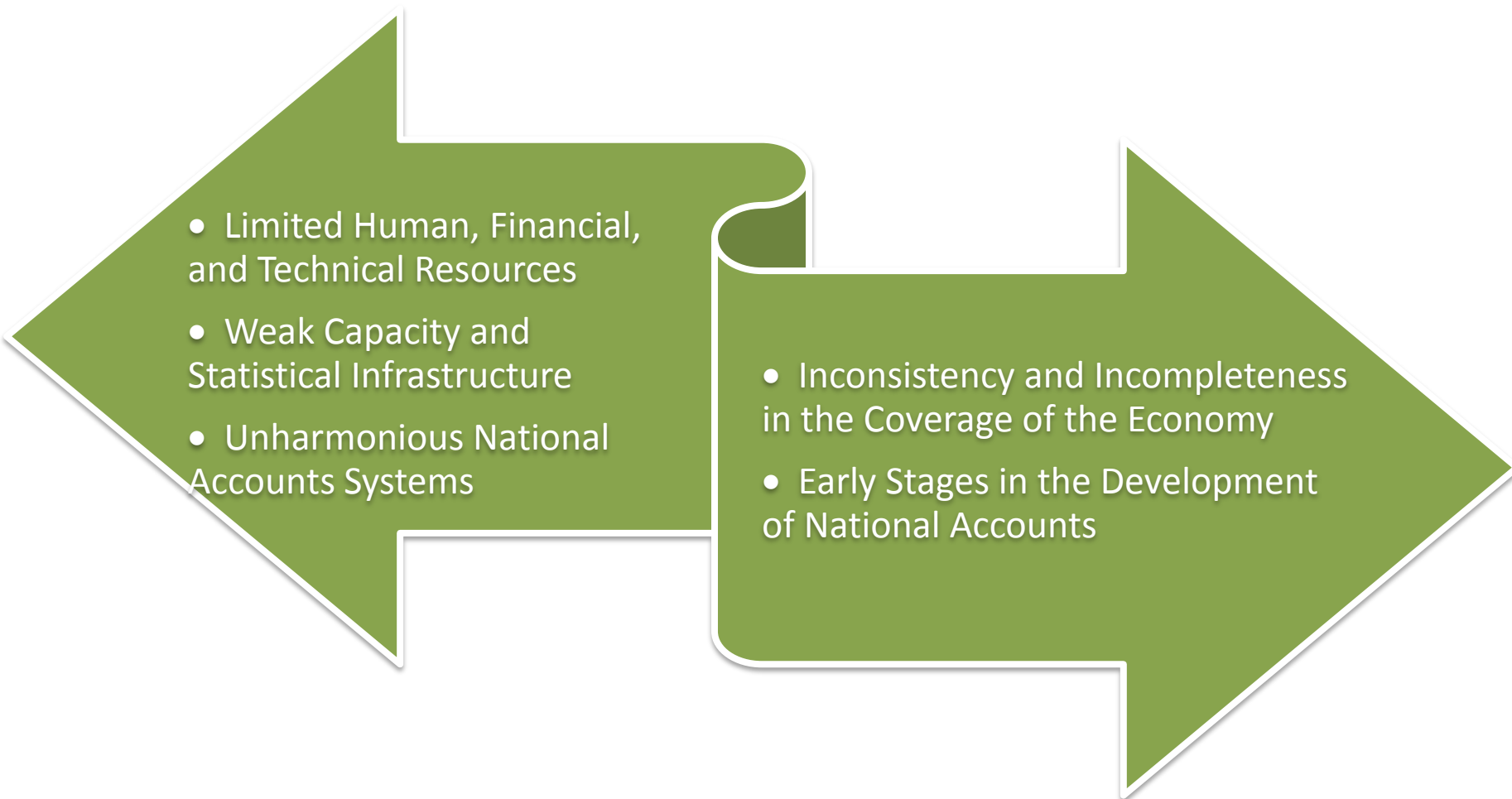
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African Common Project on the Implementation of the 2008 SNA, the progress made, and the way forward

Problems and Issues to Be Addressed

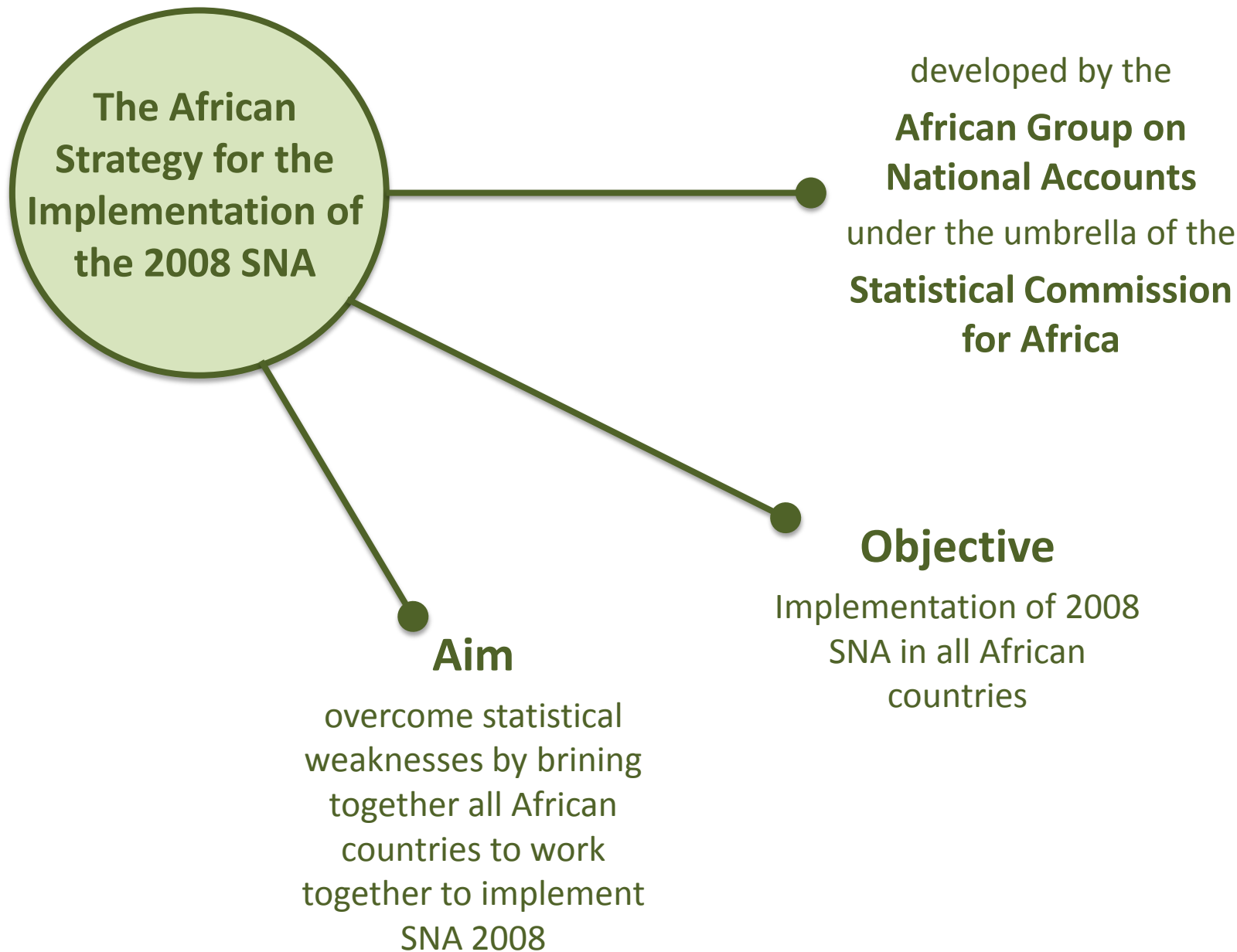
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- Limited Human, Financial, and Technical Resources
 - Weak Capacity and Statistical Infrastructure
 - Unharmonious National Accounts Systems

- Inconsistency and Incompleteness in the Coverage of the Economy
- Early Stages in the Development of National Accounts



Project Design and Interventions

Problems / Issues to Be Addressed	Project Design and Interventions
Limited Human, Financial, and Technical Resources	<ul style="list-style-type: none"> ❑ Continental project approach for all the countries to work together ❑ Advocacy and NSDS to mobilize resources for national statistical system ❑ Building human and technical capacity
Weak Capacity and Statistical Infrastructure	<ul style="list-style-type: none"> ❑ Strengthen the statistical institution and infrastructure
Unharmonious National Accounts Systems in the Continent	<ul style="list-style-type: none"> ❑ The new SNA system, i.e. the 2008 SNA provides an opportunity to harmonize the national accounting systems in African countries
Inconsistencies and Incompleteness in the Covering of the Economy	<ul style="list-style-type: none"> ❑ Informal sector ❑ Exhaustiveness ❑ SUT and commodity flow approach ❑ Integrate national accounts statistics with other sectoral statistics
Early Stages in the Development of National Accounts	<ul style="list-style-type: none"> ❑ Phased approach in the implementation of the 2008 SNA



Formulating National Action Plans and Taking Follow-up Actions

- **32 countries reported that they have formulated national actions plans for implementing the 2008 SNA:** Algeria, Benin, Burkina Faso, Burundi, Cabo Verde, Cameroon, Congo, Côte d'Ivoire, Democratic Republic of Congo, Djibouti, Egypt, Ethiopia, Gabon, Gambia, Guinea, Guinea-Bissau, Madagascar, Mali, Mauritania, Mauritius, Morocco, Niger, Nigeria, Sao Tomé and Príncipe, Senegal, Seychelles, Sierra Leone, South Sudan, Sudan, Tanzania, Tunisia, and Zimbabwe.
- **10 countries reported that they are currently in the process of formulating national action plans:** Angola, Botswana, Ghana, Lesotho, Malawi, Mozambique, Swaziland, Uganda, Togo, and Zambia.
- **16 countries reported that they are taking follow-up actions to implement the 2008 SNA:** Cameroon, Egypt, Ethiopia, Kenya, Lesotho, Mauritius, Morocco, Nigeria, Uganda, Senegal, South Africa, South Sudan, Swaziland, Tanzania, Zambia, and Zimbabwe



Planned Year for Adopting the 2008 SNA

Planned year	Number of Countries	% share
2010-15	9	19.1
2016	9	19.1
2017	12	25.5
2018	8	17
2020 +	2	4.3
Not decided	8	14.9
Total	48	100

Basic Economic Statistics for SNA

Data sources	Included in action plan	Currently Implementing	Will be implementing
Administrative data	19	29	11
Census			
Population Census	13	26	13
Agriculture Census	12	15	16
Livestock Census	12	11	18
Other Census	3	10	1
Household surveys	15	30	13
Informal sector survey	11	16	24
Establishment and/or enterprise Survey	16	22	18
Other sources	8	5	4

Strengthening Technical Capacities [1 of 3]

- **AFRISTAT** has conducted technical assistance missions on rebasing of GDP, classifications, improving the quality of national accounts, Supply and Use Table and Table of Integrated Economic Accounts, ERETES, to the following countries: Djibouti, Guinea, Mauritania, and Senegal.
- The **IMF** through its regional technical centers in Africa (AFRITAC) has conducted 37 technical assistance missions in 23 countries and 4 training workshops in the areas of quarterly GDP, SUTs, concepts, definitions, and classifications of 2008 SNA during 2016 to the following countries: Angola, Benin (3), Chad, Congo, Democratic Republic of (2), Congo (4), Gambia (2), Ghana, Guinea (2), Guinea Bissau (2), Kenya, Liberia (2), Madagascar, Malawi, Mozambique, Mauritania, Niger, Senegal, Seychelles, Sierra Leone, Swaziland (3), Tanzania including Zanzibar (3), Togo, and Uganda.
- The **World Bank** has conducted technical assistance missions for updating economic accounts through its Africa Region Statistical Team to countries including Gabon and Equatorial Guinea.



Strengthening Technical Capacities [2 of 3]

- **INSEE** has conducted trainings on the ERETES IT Tool for national accounts compilation and TA missions on ERETES and provisional accounts to the following countries: Benin, Cameroon (2), Ghana, Guinea Bissau, Senegal (2), and Tunisia. INSEE in collaboration with AFRITAC West conducted training on ERETES for 10 countries in the region. Group of ERETES Experts formed to provide training to Member States upon request.
- **AUC** jointly with Eurostat has developed and launched the Pan-African Statistics Programme (PAS) with the aim of supporting Africa's regional integration agenda by strengthening the African Statistical System (ASS) and improving the quality and availability of statistics for policy formulation and decision making. The PAS Programme has identified the implementation of the 2008 SNA as its first pillar. "Training for Trainers" workshop on National Action Plans was held in April 2016. Workshop on the implementation of the 2008 SNA was in July 2016. Planning to conduct and analyse user opinion survey on ERETES in December 2016.



Strengthening Technical Capacities [3 of 3]

- **AfDB** has organized training workshops on GDP compilation practices, Supply and Use Tables, and business registers in the framework of the 2008 SNA for COMESA, SADC, and ECOWAS countries in March 2016. TA missions to support countries with the NADABAS national accounts compilation system to the following countries: Botswana, Namibia, and Zimbabwe.
- **ECA** has conducted TA mission to revise the current time series of GDP and to launch a new base year in accordance with the 2008 SNA to countries including Guinea and Mauritania.



National Action Plan & Technical Assistance - Reference

- Template for design the national action plan:
 - [Template for SNA action plan-ECA EN 2015-06-10.pdf](#)
- Demand and Supply for Technical Assistance:
 - [Demand-Supply Matrix for CB.docx](#)



Compiling Technical Documents

- In Phase I, the AGNA Group led by ECA has prepared two operational guidebooks, i.e. on **administrative data** and **supply and use table** respectively. Several expert group meetings were organized in which good experience and practices by countries were compiled and exchanged. The drafts of the two operational guidebooks are currently being formatted, edited, and finalized.
- ECA is working to develop a guidebook on ***Accounting for Informal Sector in National Accounts***. An Expert Group Meeting on the subject was organized in January 2016 for capacity building and share experiences. Operational guidebook on Accounting for Informal Sector in National Accounts is being developed, in which it highlights 20 case studies from African countries on informal sector surveys and methodologies to incorporate the informal sector in national accounts, to harmonize methodology, and facilitating cross-country data comparisons in Africa.



Developing National Accounts In Countries In Accordance With 2008 SNA

- To strengthen the capacity of countries to compile their national accounts, **an ERETES team** has been established by INSEE, AFRISTAT, and AUC as part of the PAS Programme of AUC and Eurostat.
- ECA in collaboration with the World Bank, OECD, and WTO has developed a **sub-project on compilation of Supply and Use Tables (SUTs)**. The sub-project will support countries to utilize administrative data and incorporate the informal sector into national accounts, in order to produce SUTs. In the first stage, there will be 10 countries involved: Equatorial Guinea, Malawi, and Nigeria; Botswana, Ethiopia, Lesotho, Sierra Leone, and Zambia; South Sudan and Sudan.
- ECA will also carry out a **sub-project in support of countries to compile natural capital/assets accounts**.



The Consensus of ASSD [1 of 2]

- At the Africa Symposium on Statistical Development (ASSD) held in Tunis, Tunisia from 2-4 November 2016 under the theme of “Strengthening basic economic statistics for the compilation of national accounts in Africa”:
 - Recognized the importance of strengthening basic economic statistics for the compilation of national accounts in Africa.
 - Acknowledged and commended the efforts and ongoing work of the African Group on National Accounts (AGNA), in collaboration with all the key international and regional agencies and development partners to implement the 2008 System of National Accounts (SNA) in Africa.



The Consensus of ASSD [2 of 2]

- The key components on strengthening basic economics for the compilation of national accounts:
 - Compilation of National Action Plans
 - Production of Supply and Use Tables (SUT)
 - Use of Administrative Data
 - Incorporation of Informal Sector
 - Establishment of Business Registers
 - Application of Information Technology (IT) Tools
 - Rebasing the base-years of Real GDP
 - Taking Integrated Economic Statistics Approach
 - Carrying out Technical Assistance through Joint and Coordinated Efforts by All Stakeholders
 - Application and Uses of National Accounts and Economic Statistics



**Thank you for your
attention!**