AFRICAN COMMISSION ON AGRICULTURAL STATISTICS
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Overview on the achievements of the implementation of the Africa Action Plan of the Global Strategy

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CONTENTS

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1. Introduction - Some quick reminders
Expected achievements of Africa AP of the Global Strategy

❑ **Cost-effective methods developed and used by countries**
  ➢ **Research component (by FAO)**

❑ **Statisticians trained**
  ➢ **Training component (by UNECA)**

❑ **Required governance for NASS in place and operational**
❑ **SPARS developed, in line and integrated in NSDS**
❑ **Provision of Technical Assistance on Cost-effective Methods**
❑ **Production of Better quality and more quantity of MSCD**
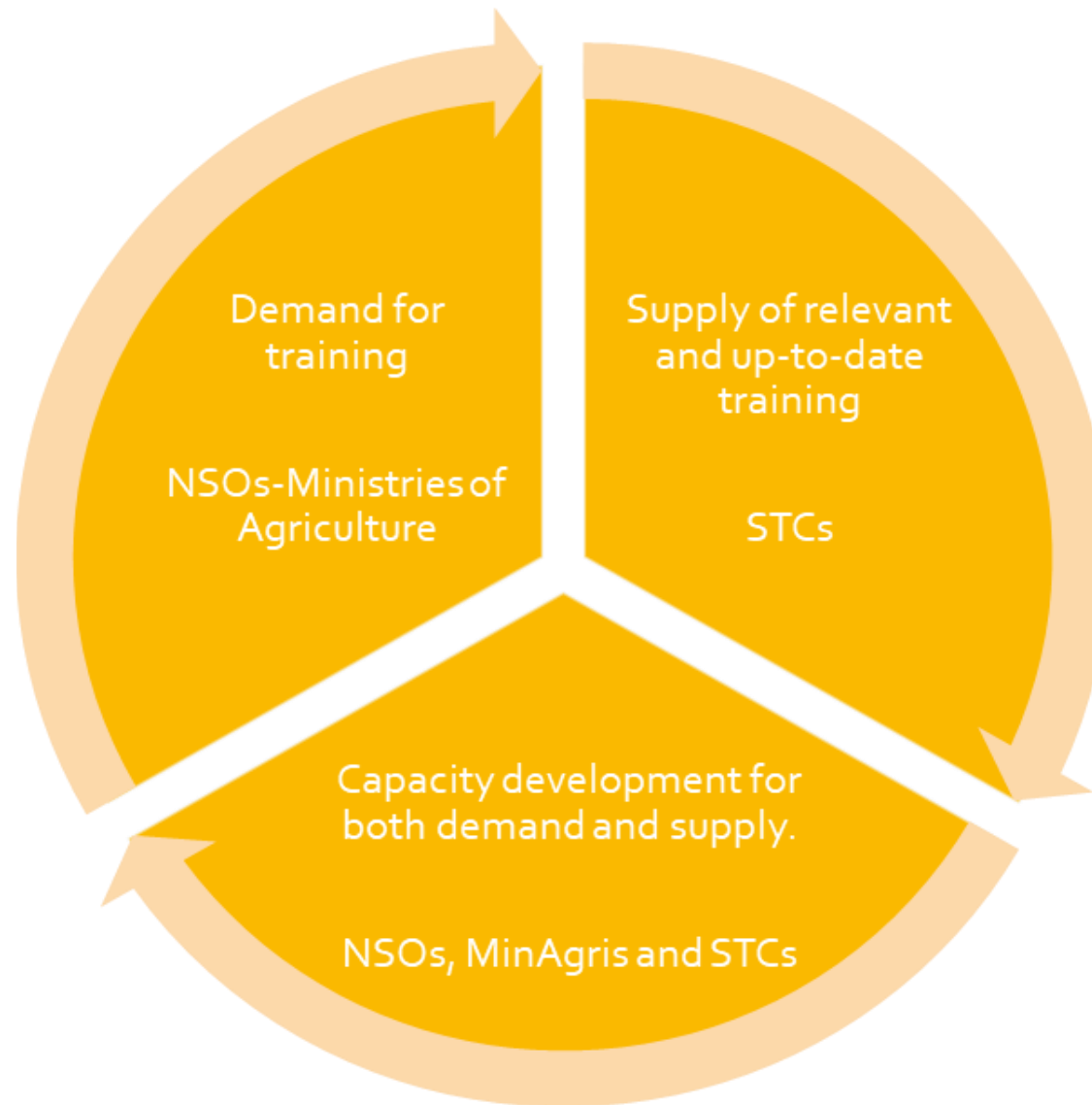 ➢ **Technical Assistance component (by AfDB & FAO)**

❑ **The AP well implemented/coordinated**
  ➢ **Governance Mechanism (by AfDB, with FAO and UNECA)**

❖ **Implementation period: 2012-2018**
❖ **AfDB continuous activities beyond 2018**

2.1. Training delivery model

2.2. Training component achievements

❑ **Training Needs Analysis/Assessment**

❑ Training of **120** Human Resource Managers and Experts from **53** Countries

❑ English & French **Guidelines** Developed on
  ➢ Strategic Human Resources Management
  ➢ Agricultural Statistics training Needs Assessment

❑ **39** **Scholarships** for Masters in Agricultural Statistics

❑ **40** **Scholarships** for Specialization in Agricultural Statistics

❑ **22 Regional training workshops on cost-effective methodologies** (Ministries of Agriculture and NSOs)

❑ **16** Regional **Training of Trainers** focused on STCs, Universities and research institutions

❑ **USD 120,000** worth of **Technical Equipment and Software** for 4 Regional STCs (ENSEA-Abidjan, ENSAE-Dakar. EASTC-Dar Es Salam and ISAAE-Yaounde)
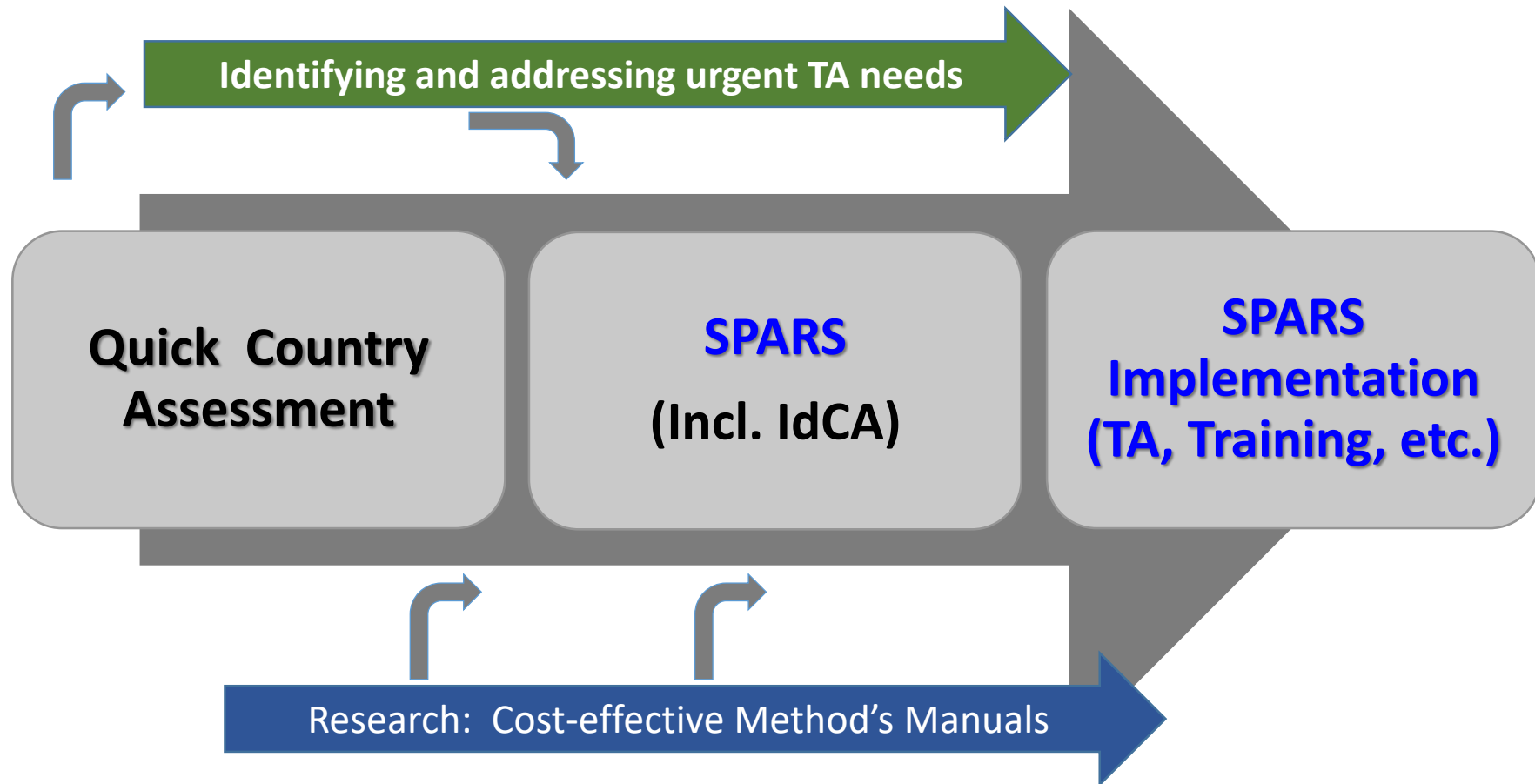
❑ **Twinning** Between ENSEA-Abidjan and Makerere University

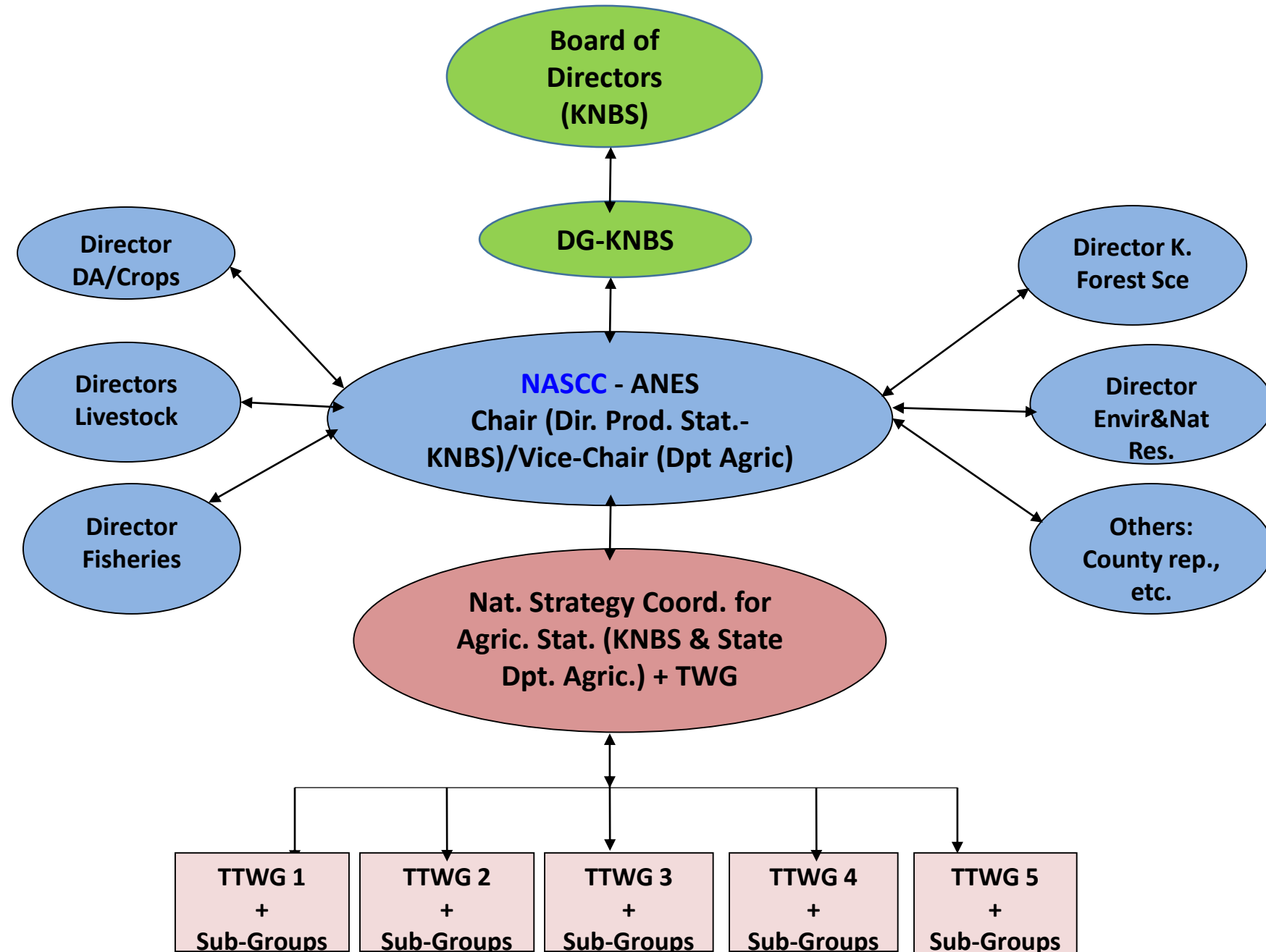❑ **Tripartite exchange** of experiences between ISSAE-Yaounde, INSEA-Rabat and ENSEA-Abidjan

2.3. Training component achievements

3.1 TA Delivery Model/Process

3.2. TA delivery model – Using/strengthening existing national structures (case of Kenya)

Board of Directors (KNBS)

DG-KNBS

Director DA/Crops

Directors Livestock

Director Fisheries

NASCC - ANES Chair (Dir. Prod. Stat.-KNBS)/Vice-Chair (Dpt Agric)

Director K. Forest Sce

Director Envir&Nat Res.

Others: County rep., etc.

Nat. Strategy Coord. for Agric. Stat. (KNBS & State Dpt. Agric.) + TWG

TTWG 1 + Sub-Groups

TTWG 2 + Sub-Groups

TTWG 3 + Sub-Groups

TTWG 4 + Sub-Groups

TTWG 5 + Sub-Groups

3.3. TA model - Demand driven, commitment, ownership, priorities (2014)

68% for SPARS

Number of Countries per TA needs

33% for AgCoP

Bar chart values (Number of Countries):
- Developing SPARS: 27
- Planning and developing methodological and technical instruments for agric. census: 22
- Integrated survey framework AGRIS: 12
- How to identify and apply sampling frames (Area/Master sampling frames): 14
- Remote sensing: 4
- Survey solutions CAPI: 6
- Collection and compilation of agric. Cost of Production data: 15
- Agricultural census/survey analysis data: 21
- SUA and FBS: 10
- Time series data reconciliation: 4
- Post harvest losses: 3
- Data processing of agric. censuses and surveys: 7
- Others: 5

Y-axis: Number of Countries
X-axis: TA need

SPARS=Priority 1 for 77% countries

AgCoP=1st or 2nd priority for 80 % countries

Stacked bar chart — % of countries by priority level

X-axis categories: Developing SPARS, Planning and developing methodological and technical instruments for agric. census, Integrated survey framework AGRIS, How to identify and apply sampling frames (Area/Master sampling frames), Remote sensing, Survey solutions CAPI, Collection and compilation of agric. Cost of Production data, Agricultural census/survey analysis data, SUA and FBS, Time series data reconciliation, Post harvest losses, Data processing of agric. censuses and surveys, Others

X-axis title: Type of priority need

Legend: ■ Priority 1 ■ Priority 2 ■ Priority 3

3.4. TA model – Country specificities/context and common area of interest

Countries undertaking AgCoP statistics

10 43% — Yes
13 57% — No
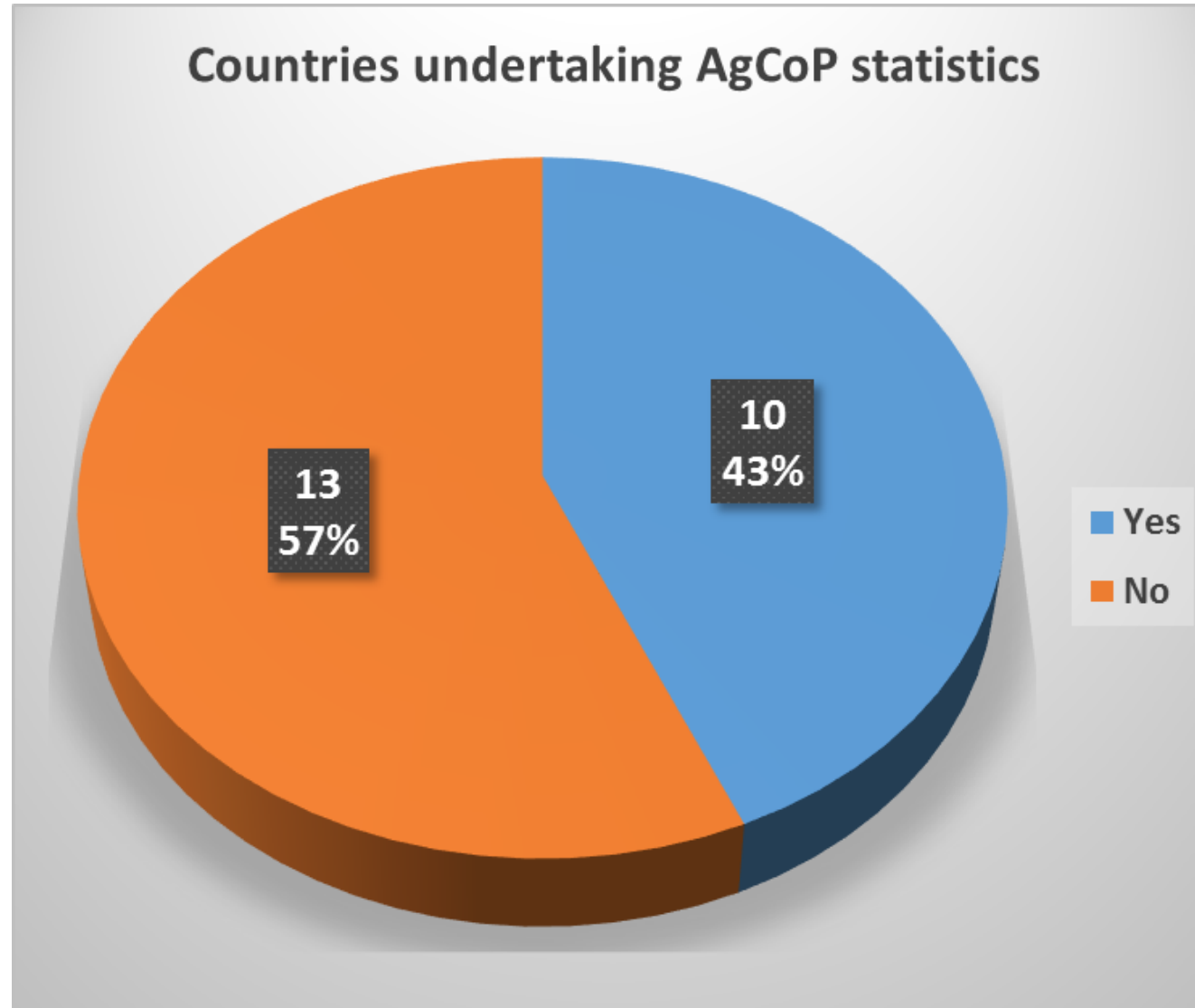
3.5. TA model – Updating country TA need priorities (2019)

Number of countries per Selected topics
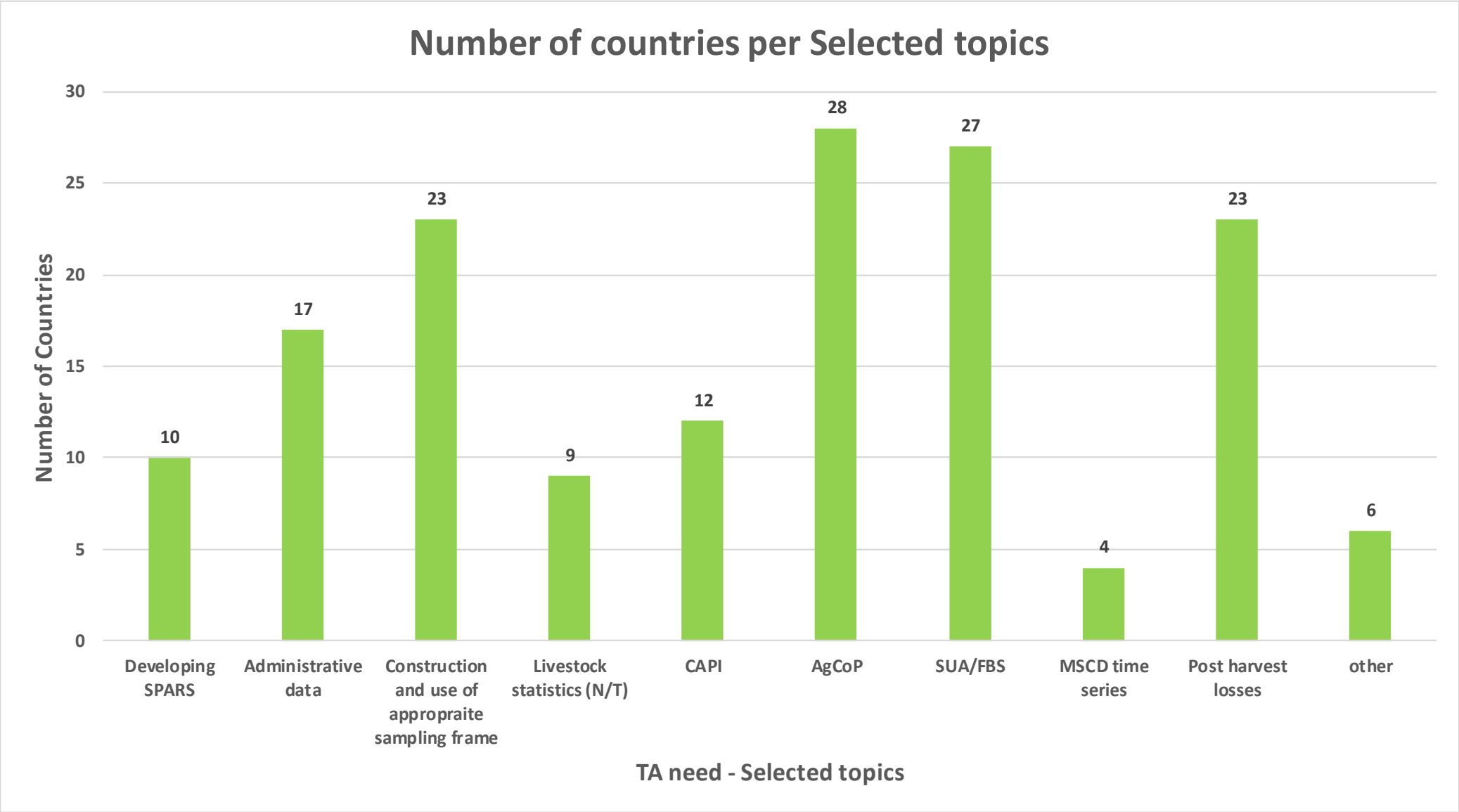
3.6. TA model – Stages of TA delivery

❑ **Regional training workshops**
- ❖ **Grouping countries by priority theme**
- ❖ **Involving RECs**

❑ **Bilateral TA - TA to individual countries**
- ➤ **Selected countries (based on country readiness)**
- ➤ **Exploratory missions to countries - Developing roadmaps**
- ➤ **Backstopping missions – Actual field work (e.g. Set up AgCoP framework, data analysis, etc.)**
- ➤ **Use of training materials, including related Tools**

3.7. TA model – Coordination mechanism
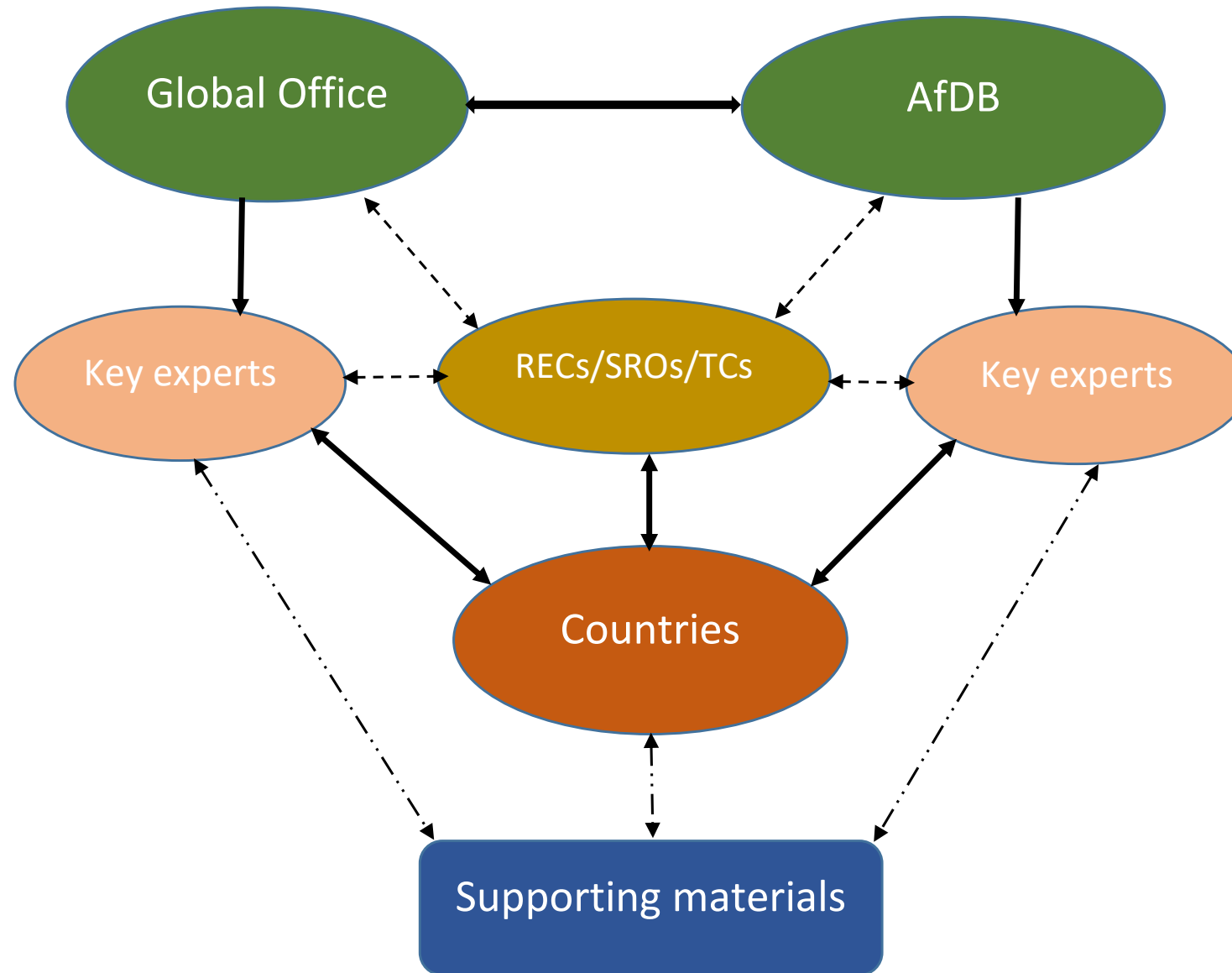
4.1. Where are we now? – TA by AfDB (48 countries)

❑ **Development of Strategic Plans for Agriculture and Rural Statistics (SPARS): 24 Countries**

❑ **Agricultural Cost of Production (AgCoP) statistics: 5 countries**

❑ **Construction of Master Sampling Frame (MSF): 6 countries**

❑ **Food Balanced Sheets (FBS) compilation: 6 countries**

❑ **Computer-Assisted Personal Interviewing (CAPI): 10 countries**

❑ **MSCD reconciliation: 3 countries**

❖ **In addition to several regional and national training workshops**
❖ **MSCD compilation**
❖ **Country Assessment of NASS capacity to produce Agric Stat**
❖ **Activities still going on beyond 2018**

AfDB achievements on SPARS

N0	Countries	Reg. Training Workshops	Roadmap development	Launching	Assessment	Planning	Available reports
			Stages of SPARS Development Process				
1	Benin	🟩	🟩	🟩	🟩	🟩	Roadmap, Assessment Report, SPARS Document
2	Cameroon	🟩	🟩	🟩	🟩	🟩	Roadmap, Assessment Report, SPARS Document
3	Cote d'Ivoire	🟩	🟩	🟩	🟩	🟩	Roadmap, Assessment Report, SPARS Document
4	Burundi	🟩	🟩	🟩	🟩	🟩	Roadmap, Assessment Report, SPARS Burundi
5	Cabo Verde	🟩	🟩	🟩	🟩	🟩	Roadmap, Assessment Report, SPARS Document
6	Kenya	🟩	🟩	🟩	🟩	🟩	Roadmap, Assessment Report, SPARS Document
7	Senegal	🟩	🟩	🟩	🟩	🟩	Roadmap, Assessment Report, SPARS Document
8	Burkina Faso	🟩	🟩	🟩	🟩	🟩	Roadmap, Assessment Report, SPARS Document
9	Ghana	🟩	🟩	🟩	🟩	🟩	Roadmap, Assessment Report, SPARS Document
10	Rwanda	🟩	🟩	🟩	🟩	🟩	Roadmap, Assessment Report, SPARS Rwanda
11	Zambia	🟩	🟩	🟩	🟩	🟩	Roadmap, Assessment Report, SPARS Document
12	Niger	🟩	🟩	🟩	🟩	🟩	Roadmap, Assessment Report, SPARS Document
13	Chad	🟩	🟩	🟩	🟩	🟩	Roadmap, Assessment Report, SPARS Document
14	Congo	🟩	🟩	🟩	🟩	🟩	Roadmap, Assessment Report, SPARS Document
15	DRC	🟩	🟩	🟩	🟩	🟩	Roadmap, Assessment Report, SPARS DRC
16	Eg Guniea	🟩	🟩	🟩	🟩	🟩	Roadmap, Assessment Report, SPARS Document
17	Guinea	🟩	🟩	🟩	🟩	🟩	Roadmap, Assessment Report, SPARS Document
18	Guinea Bisau	🟩	🟩	🟩	🟩	🟨	Roadmap, Assessment Report, SPARS zero draft
19	Lesotho	🟩	🟩	🟩	🟩	🟨	Roadmap, Assessment Report, SPARS Document
20	Seychelles	🟩	🟩	🟩	🟩	🟨	Roadmap, Assessment Report, SPARS zero draft
21	Togo	🟩	🟩	🟩	🟩	🟩	Roadmap, Assessment Report, SPARS Document
22	Gambia	🟩	🟩	🟩	🟩	🟩	Roadmap, Assessment Report, SPARS Document
23	Ethiopia	🟩	🟩	🟩	🟩	🟩	Roadmap, Assessment Report, SPARS Document
24	Sao Tome	🟩	🟩	🟨	🟨	🟨	Roadmap, Assessment Report, SPARS zero draft

🟩	Activities carried out by the end of Dec 2018
🟨	Activities carried out in 2019

AfDB achievements on SPARS

SPARS Documents made available at AIH Publications Webpage:
http://dataportal.opendataforafrica.org/kxcuhyg/strategic-plan-for-agricultural-and-rural-statistics

- ▶ Africa Competitiveness Report
- ▶ Africa Tourism Monitor
- ▶ Africa and Global Economic Trends Quarterly Review
- ▶ African Economic Outlook
- ▶ African Statistical Journal
- ▶ Country Assessment of Agricultural Statistical Systems in Africa
- ▶ Country SPARS Documents
- ▶ Annual Report
- ▶ ICP Results
- ▶ Capacity Focus
- ▶ Compendium of Statistics on Bank Group Operations

AfDB achievements on AgCoP & MSF

No	Countries	Reg. Training Workshops	Exploratory Missions: Roadmap Development	Capacity Building on AgCoP			Available Reports
				Nat. Training Workshops	Data collection/ analysis tools	Data colletion and reporting	
1	Tunisia	🟩	🟩	🟩	🟩		Roadmap
2	Madagascar	🟩	🟩	🟩	🟩	🟩	Roadmap&Report
3	Cabo Verde	🟩	🟩	🟩	🟧	🟦	Roadmap
4	Lesotho	🟩	🟩	🟩	🟧		Roadmap
5	Malawi	🟩	🟩	🟧	🟧		Roadmap

No	Countries	Construction of a MSF			Available Reports
		Exploratory Missions: Roadmap Development	National Training Workshop	Capacity Building: Backstopping Missions	
1	Benin	🟩	🟩	🟧	Roadmap&BTOR
2	Kenya	🟩	🟩	🟦	Roadmap&BTOR
3	Niger	🟩	🟩	🟦	Roadmap&BTOR
4	Rwanda	🟩	🟩	🟩	Survey report
5	Senegal	🟩	🟩	🟩	Final report
6	Burundi	🟧	🟧	🟦	Roadmap&BTOR

🟩	**Activities carried out by the end of Dec 2018**
🟧	**Activities carried out in 2019**
🟦	**Activities started in 2019 and still on going**

AfDB achievements on FBS and CAPI

No	Countries	Reg. Training Workshops	Capacity Building on FBS				Reports Availanble
			Exploratory Missions: Roadmap Development	Capacity Building: Nat. Training and/or Data compilation	FBS generation	Analysis and dissemination of results	
1	Cote d'Ivoire	🟩	🟩	🟩	🟨	🟨	Roadmap&Report
2	Togo	🟩	🟩	🟩	🟨	🟨	Roadmap&Report
3	Kenya	🟩	🟩	🟩	🟨	🟨	Roadmap&Report
4	Tanzania	🟩	🟩	🟩	🟨	🟨	Roadmap&Report
5	Burkina Faso		🟨	🟨	🟨	🟦	Roadmap&Draft Report
6	Uganda		🟨	🟦			Roadmap

🟩	Activities carried out by the end of Dec 2018	
🟨	Activities carried out in 2019	
🟦	Activities have started in 2019 and still on going	

No	Countries	Capacity Building on CAPI: Training and implementation	Available Reports
1	Senegal	🟩	Training Report
2	Burkina Faso	🟩	Training Report
3	Liberia	🟩	Training Report
4	Ghana	🟩	Training Report
5	Malawi	🟨	Training Report
6	Bostwana	🟨	Training Report
7	Benin	🟨	Training Report
8	Cabo Verde	🟨	Training Report
9	Namibia	🟨	Training Report
10	Tunisia	🟨	Training Report

MSCD Compilation (Pillar 1 of the Global Strategy)

❑ **TA on MSCD reconciliation (Cote d'Ivoire, Mozambique and Nigeria)**

❑ **Development of a User Manual for MSCD compilation and training on its use**

❑ **Online Platform developed for data reporting, validation and dissemination on AIH Webpage at**
   http://dataportal.opendataforafrica.org/mxlmxpb

  ➢ **47 reporting countries in 2017**
  ➢ **50 reporting countries in 2018**
  ➢ **52 reporting countries in 2019**

4.2. TA Achievements of the Global Office/Afristat

Global Office: 9 countries
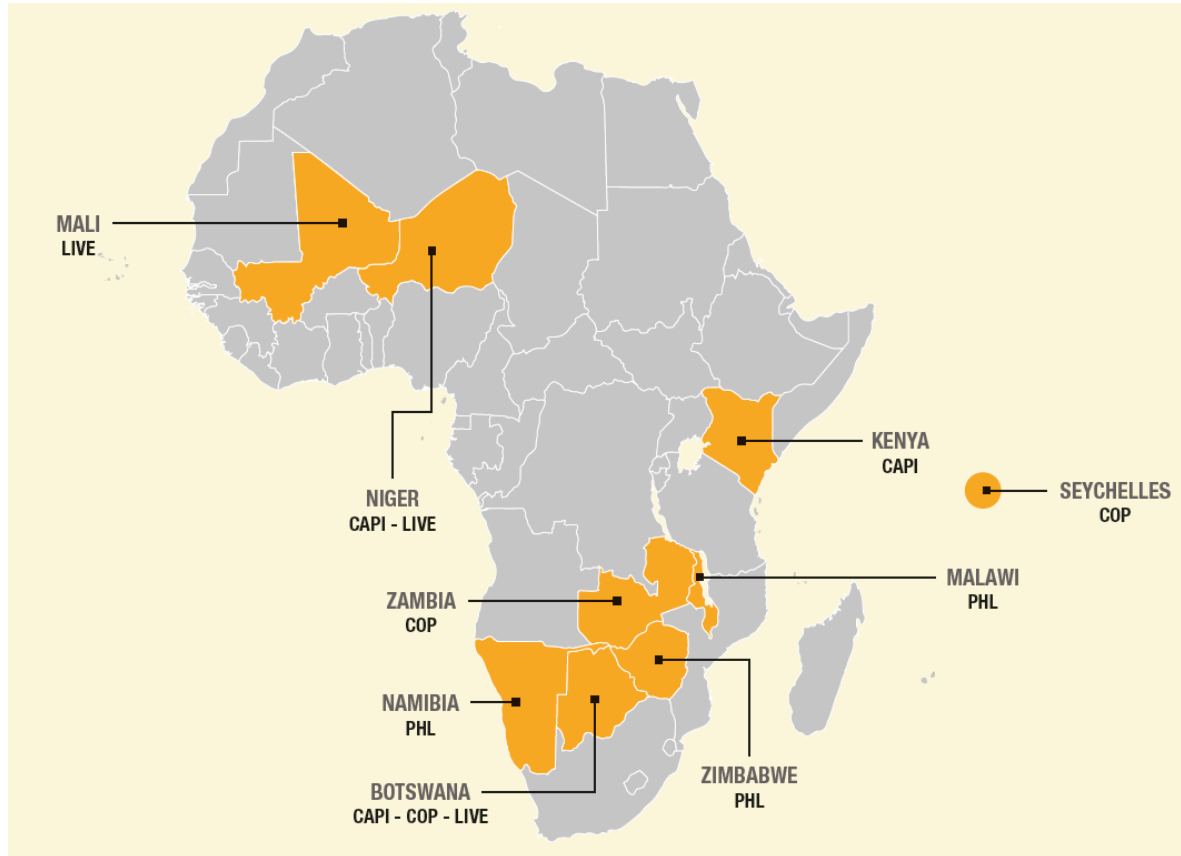
Afristat: 6 countries
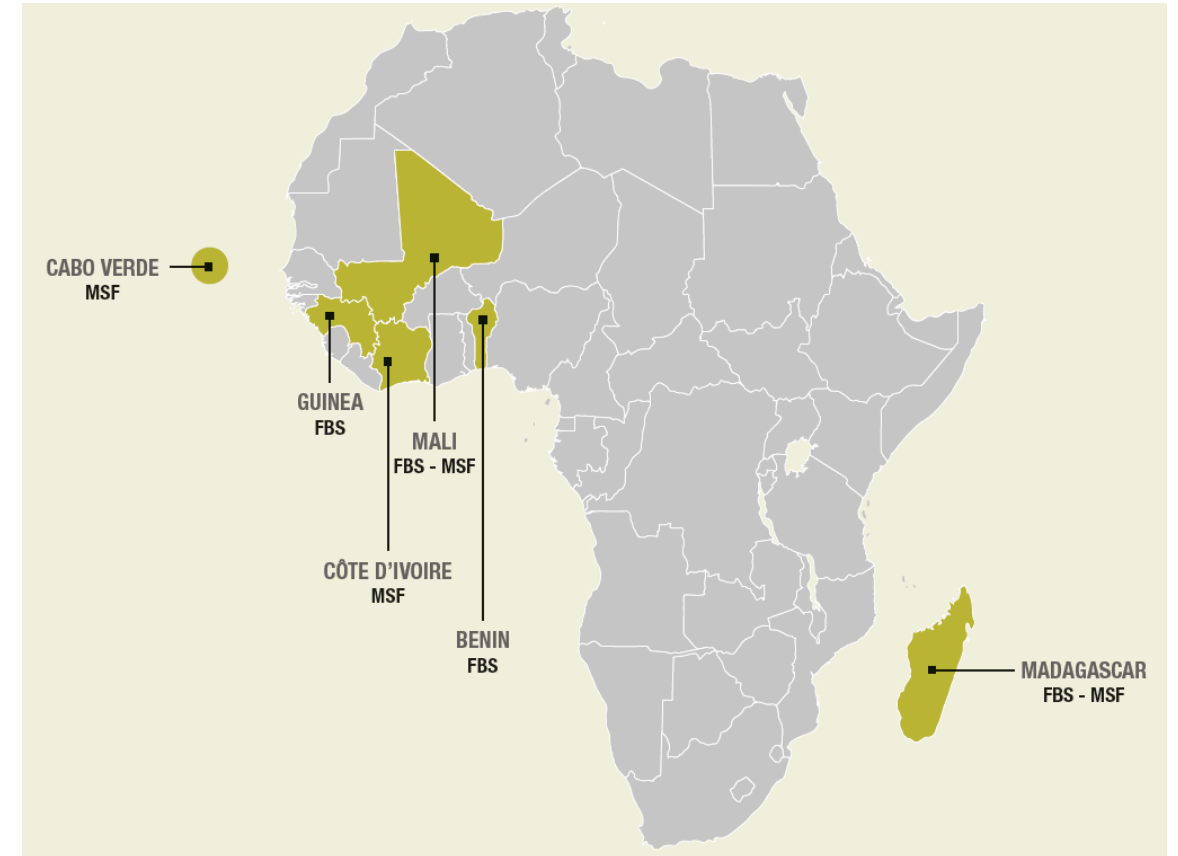
CAPI	Computer-Assisted Personal Interviewing	LIVE	Livestock
COP	Cost of Production	MSF	Master Sampling Frame
FBS	Food Balance Sheets	PHL	Post-Harvest Losses

5. Measuring the progress – Country Assessments (3rd Cycle in 2018)

2007	2009	**2013**	**2015**	**2017**
49 Countries	33 Countries	**52 Countries**	**52 Countries**	**52 Countries**
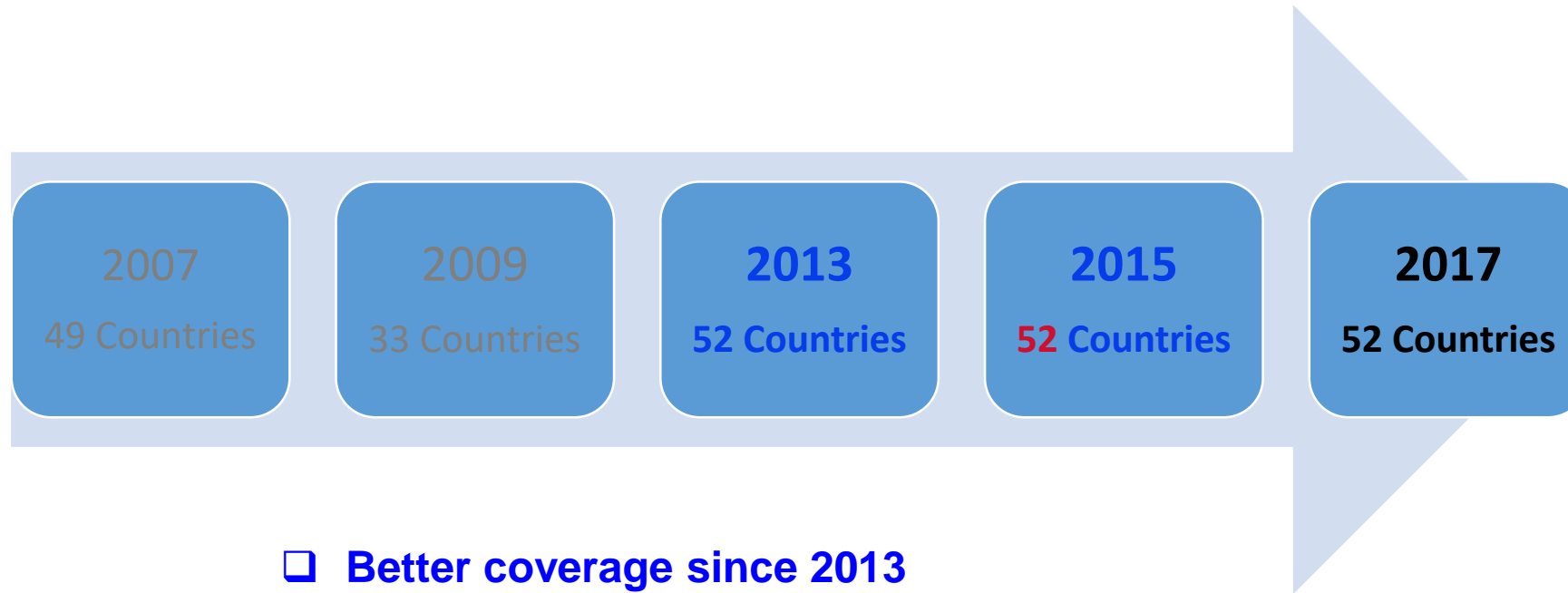
- ❑ **Better coverage since 2013**
- ❑ **Better data quality and ASCI since 2013**
- ❑ **Every two years since 2013**

  ➢ **Non-reporting countries: Only Eritrea and CAR**

- ❑ **A Model developed to generate ASCIs**

CAs/ASCIs

❑ **4 Dimensions assessed**

- **Institutional infrastructure**
- **Resources**
- **Statistical methods and practices**
- **Availability of statistical information**

❑ **23 Elements/indicators**

❑ **250 Questions**

Agriculture Statistics Capacity Framework	
Capacity dimensions	**Elements**
I. Institutional Infrastructure - Pillar II (PREREQUISITES)	1.1 Legal Framework 1.2 Coordination in Statistical System 1.3 Strategic Vision and Planning 1.4 Integration of Agriculture in the National Statistical System 1.5 Relevance (user interface)
II. Resources - Pillar III (INPUT DIMENSION)	2.1 Financial Resources 2.2 Human Resources: Staffing 2.3 Human Resources: Training 2.4 Physical Infrastructure
III. Statistical Methods and Practices - Pillar II (THROUGHPUT DIMENSION)	3.1 Statistical Software Capability 3.2 Data Collection Technology 3.3 IT Infrastructure 3.4 General Statistical Infrastructure 3.5 Adoption of International Standards 3.6 General Statistical Activities 3.7 Agricultural Market and Price Information 3.8 Agricultural Surveys 3.9 Analysis and Use of Data 3.10 Quality Consciousness
IV. Availability of Statistical Information - Pillar I (OUTPUT DIMENSION)	4.1 Core Data Availability 4.2 Timeliness 4.3 Overall Data Quality Perception 4.4 Data Accessibility

2013, 2015 and 2017 ASCI Results

Country Assessment of Agricultural Statistical Systems in Africa

Measuring the Capacity of African Countries to Produce Timely, Reliable, and Sustainable Agricultural Statistics

Progress on the Capacity of African Countries to Produce Timely, Reliable, and Sustainable Agricultural Statistics
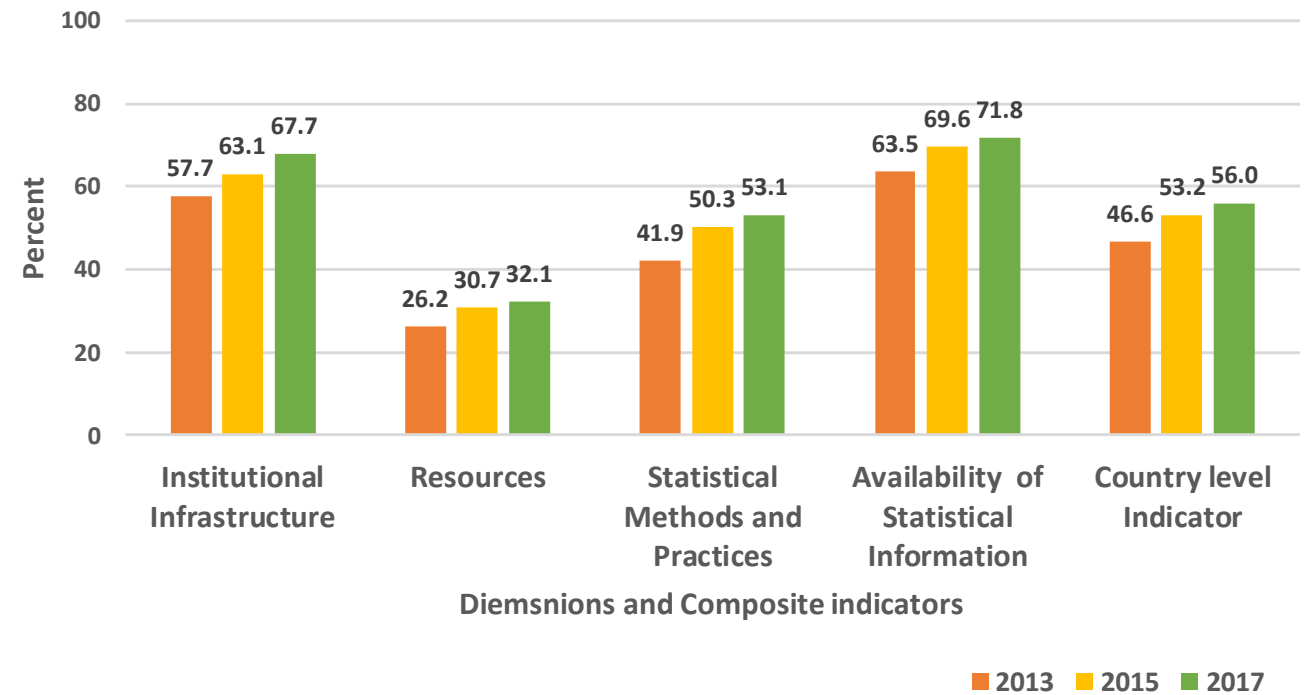
Agricultural Statistics Capacity Indicators (ASCIs) for the 2013 and 2015 reference years
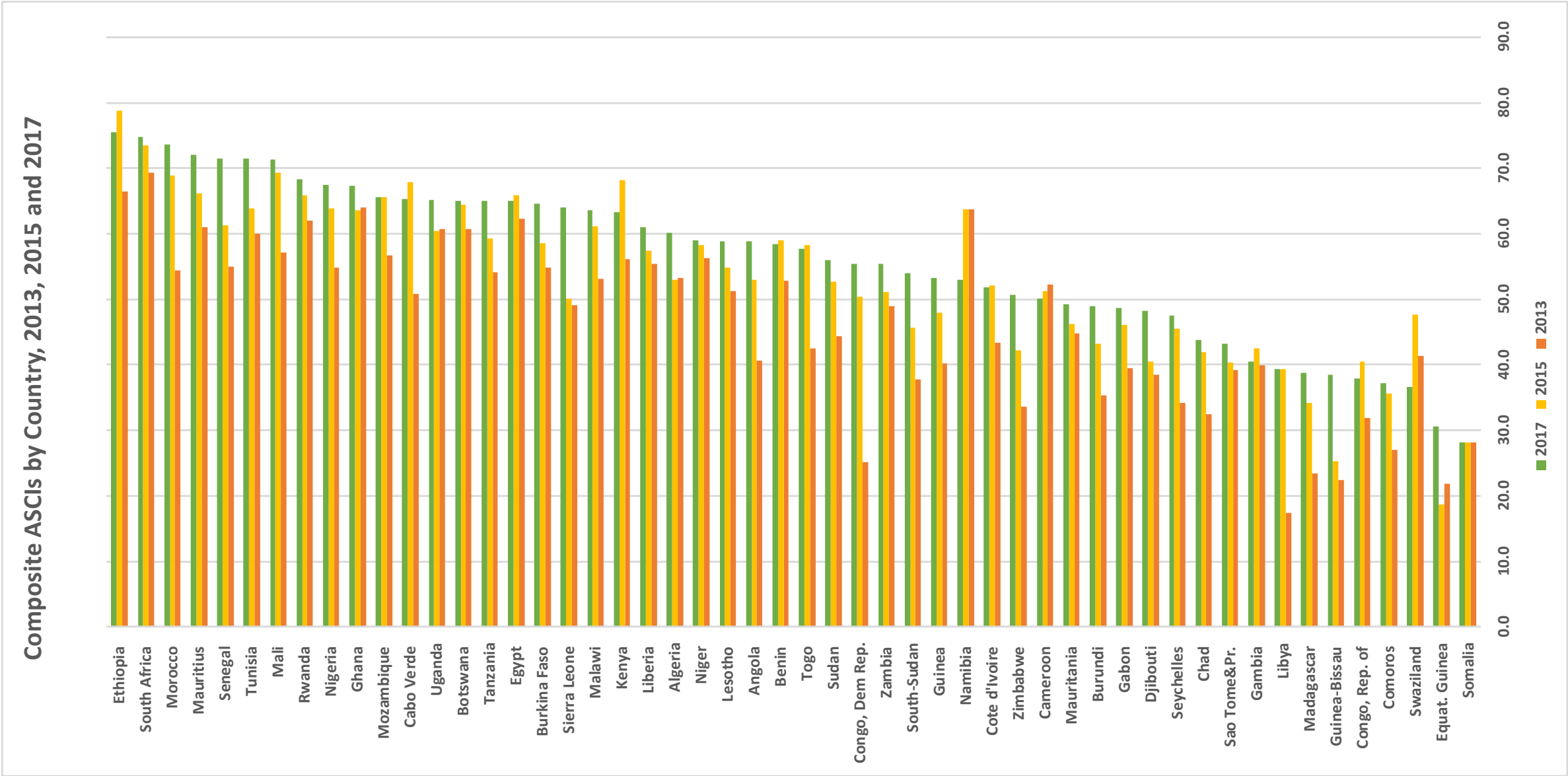
❑ **The 3rd Analysis Report – Coming soon**

Most updated data at AIH Webpage:
http://dataportal.opendataforafrica.org/ASCIs

Africa Dimension and Composite Indicators by Year

Dimensions and Composite indicators	2013	2015	2017
Institutional Infrastructure	57.7	63.1	67.7
Resources	26.2	30.7	32.1
Statistical Methods and Practices	41.9	50.3	53.1
Availability of Statistical Information	63.5	69.6	71.8
Country level Indicator	46.6	53.2	56.0

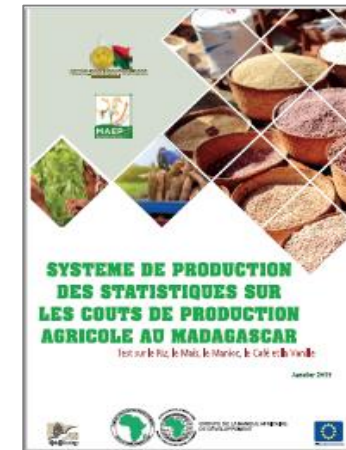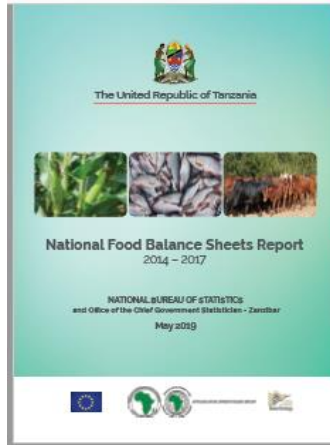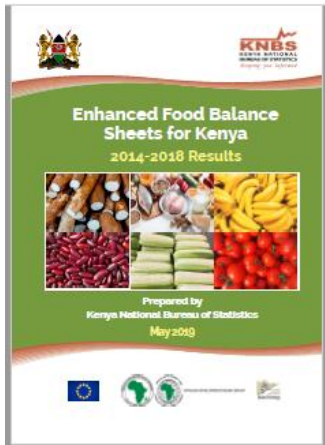Detailed ASCI Results per country

5. Conclusion

❑ **Training**
- ❖ **STCs more capacitated**
- ❖ **More people trained**

❑ **SPARS**
- ❖ **Agriculture Sector is emulating other sectors**
- ❖ **Developed by bulk of countries, but facing challenges for their implementation**

❑ **Use of other cost-effective methods by countries**
- ❖ **More and better data produced and published: CAPI, FBS, AgCoP, MSCD, etc.**

❑ **ASCI**
- ❖ **Africa the only Region to have in place such sustainable system**
- ❖ **Useful to countries, Regions and International Institutions**

➢ **Need for countries and regional development partners to keep the momentum**

THANK YOU FOR YOUR ATTENTION