



Food and Agriculture
Organization of the
United Nations

SUSTAINABLE
DEVELOPMENT
GOALS



AFRICAN COMMISSION ON AGRICULTURAL STATISTICS

28TH SESSION

4–8 December 2023
Johannesburg (South Africa)

AFCAS 28
LEVERAGING
DATA & STATISTICS
FOR AGRIFOOD
SYSTEMS
TRANSFORMATION
IN AFRICA



AFRICAN
COMMISSION ON
**AGRICULTURAL
STATISTICS**

28TH SESSION

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AGENDA ITEM 6

PROGRESS IN GLOBAL AND REGIONAL AGRICULTURAL STATISTICS CAPACITY DEVELOPMENT INITIATIVES IN AFRICA

**AfDB Agricultural Statistics Capacity Building Program since the 27th Session of AFCAS
(2022-2023)**

Vincent Ngendakumana

Principal Agriculture Statistician, AfDB

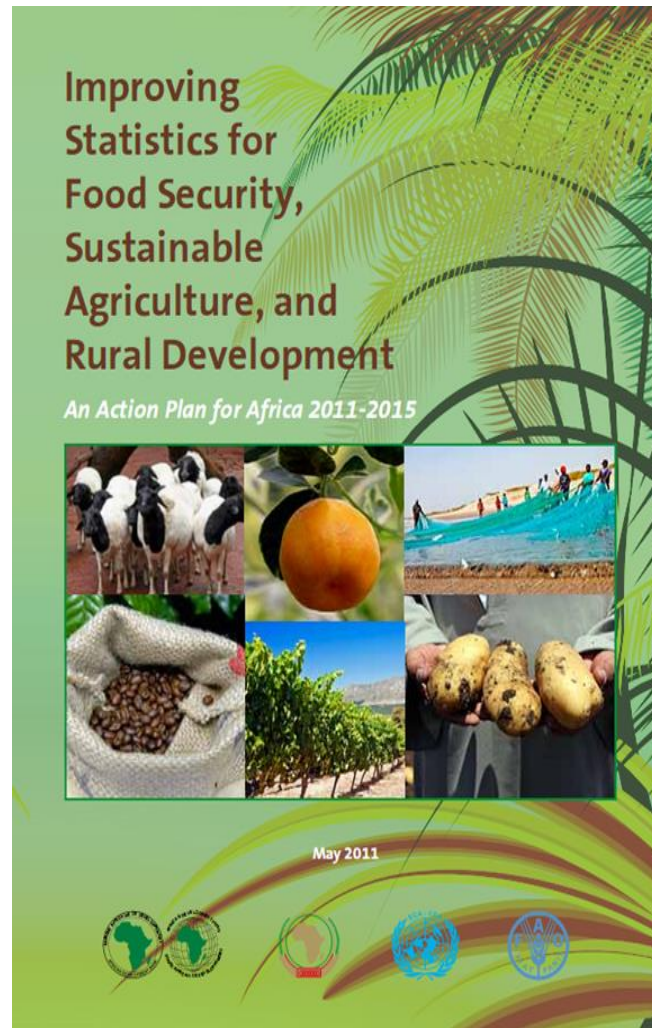


AFRICAN DEVELOPMENT BANK GROUP

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- 2. Framework of Statistics Capacity Building (SCB)/TA Delivery Model in Agricultural Statistics**
- 3. AfDB-SCB achievements in Agricultural Statistics**
- 4. Conclusion and way forward/recommendations**

1. Introduction – Some reminders



- ❑ **2012-2018: AfDB-SCB within Phase 1 of the Global Strategy for Improving Agricultural and Rural Statistics**
 - **Action Plan in partnership with FAO and UNECA, and cooperation with AUC**

- ❑ **AfDB continuous SCB beyond 2018, using its own resources**
 - **From 2019-2021: SCB4 directly by AfDB**
 - **From 2022-2023: SCB5 through/within COMESA**
 - **From 2024-????: SCB6 to be prepared**

2. Framework of SCB/TA Delivery Model in Agricultural Statistics

□ Main purpose of Agric Stat Capacity Building Prog of AfDB

- To capacitate National Agricultural Statistical Systems so that they produce Agric. Stat. of a good quality

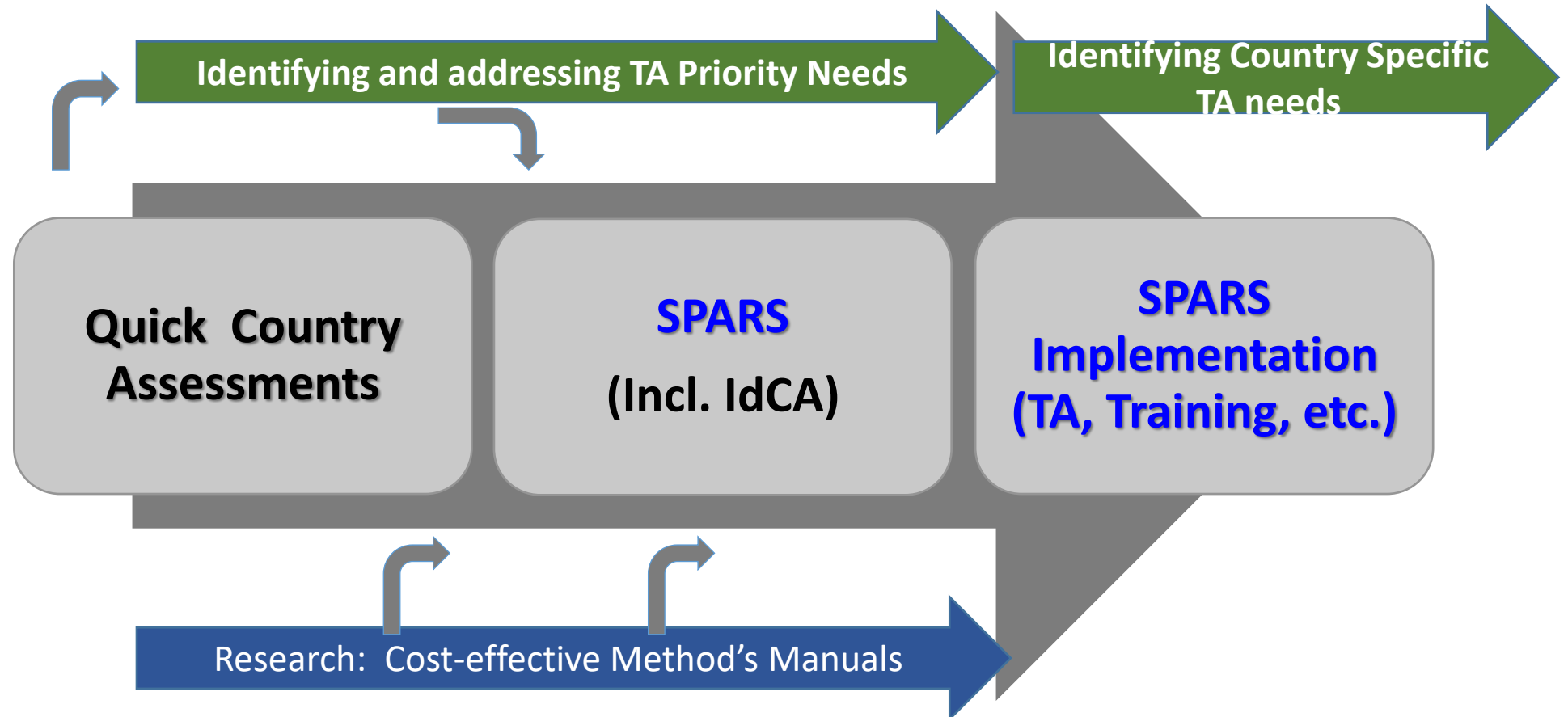
→ *Based on a detailed assessment of their capacities and TA priority needs*

→ *Within SPARS*

→ *Using cost-effective methods*

→ *Through existing Legal framework/ National structures*

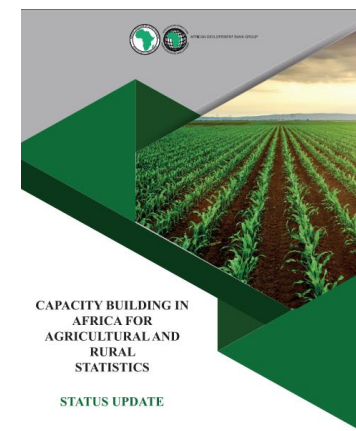
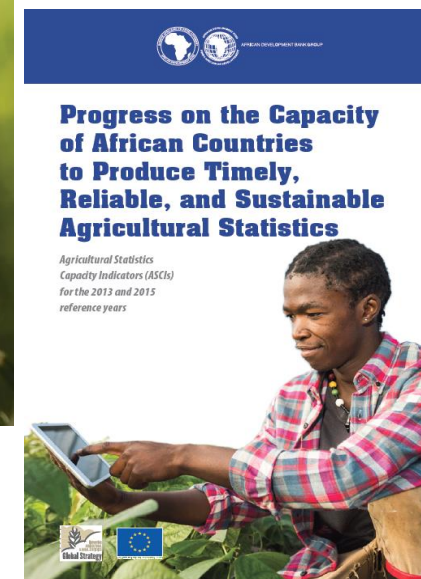
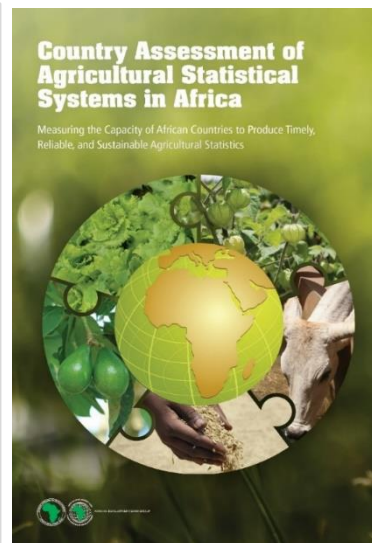
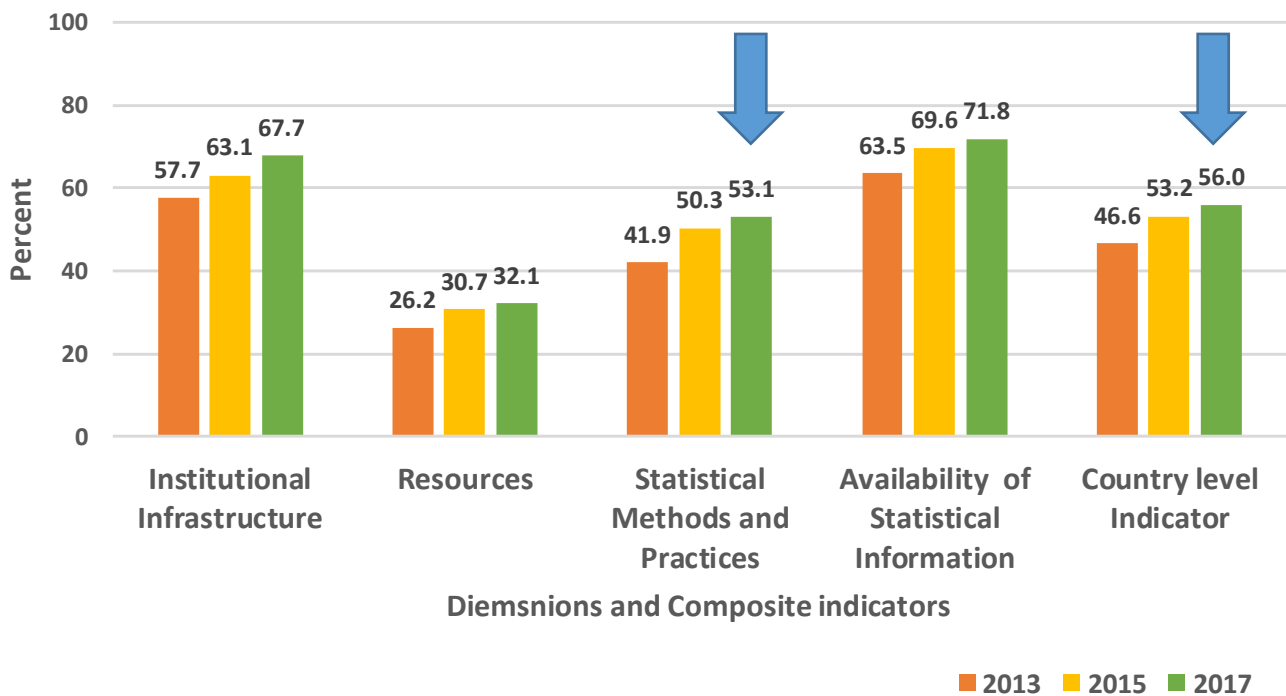
→ *Partnership with other DPs and RECs*



2. Framework of SCB/TA Delivery Model in Agric Stat (Con't)

2.1. Country Assessments in 2013, 2015 and 2017: Resulted into ASCIs

Africa Dimension and Composite Indicators by Year



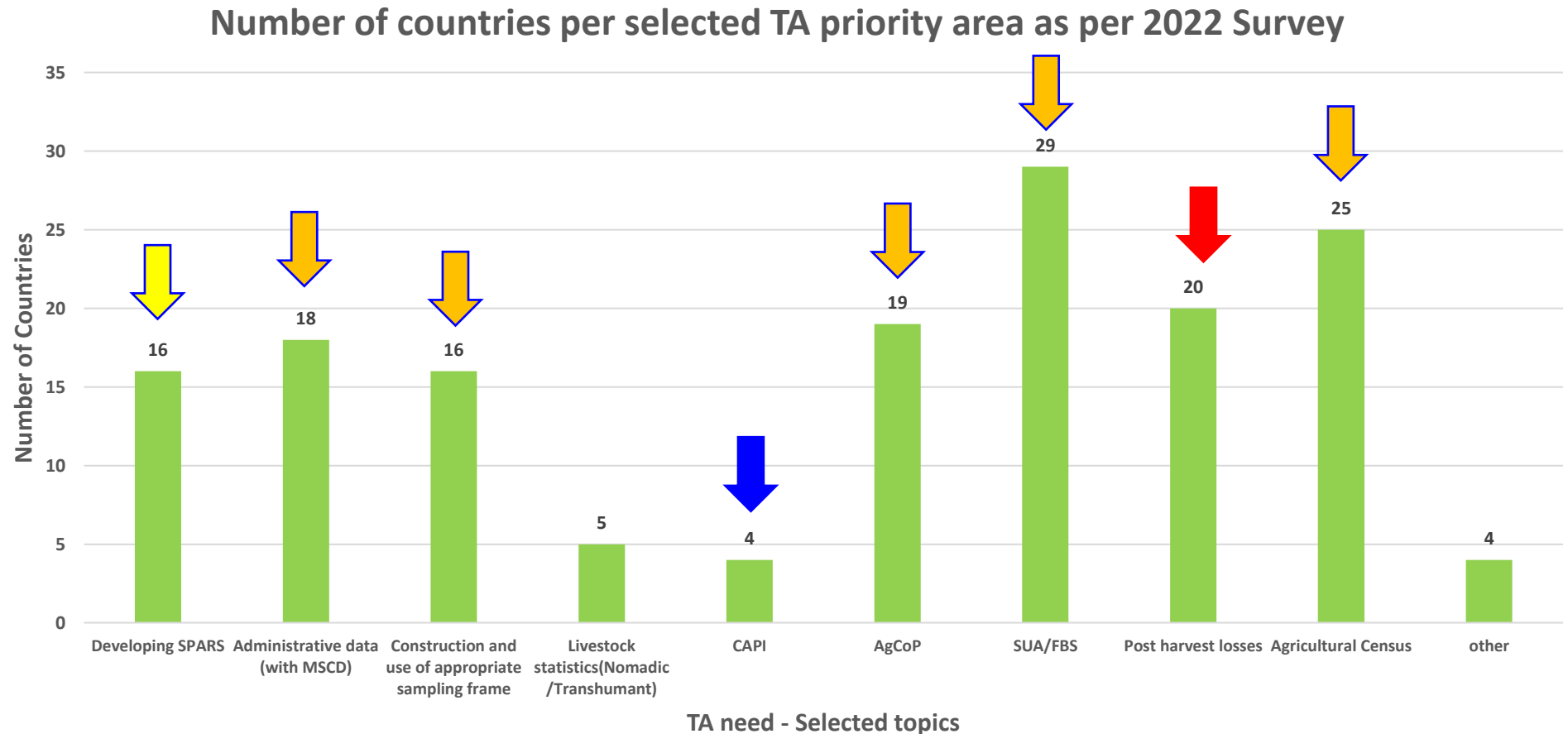
Most updated data at AIH Webpage:

<http://dataportal.opendataforafrica.org/ASCIs>

2. Framework of SCB/TA Delivery Model in Agric Stat (Con't)

2.2. Identification of TA Priority Areas – Case of 2022 Survey

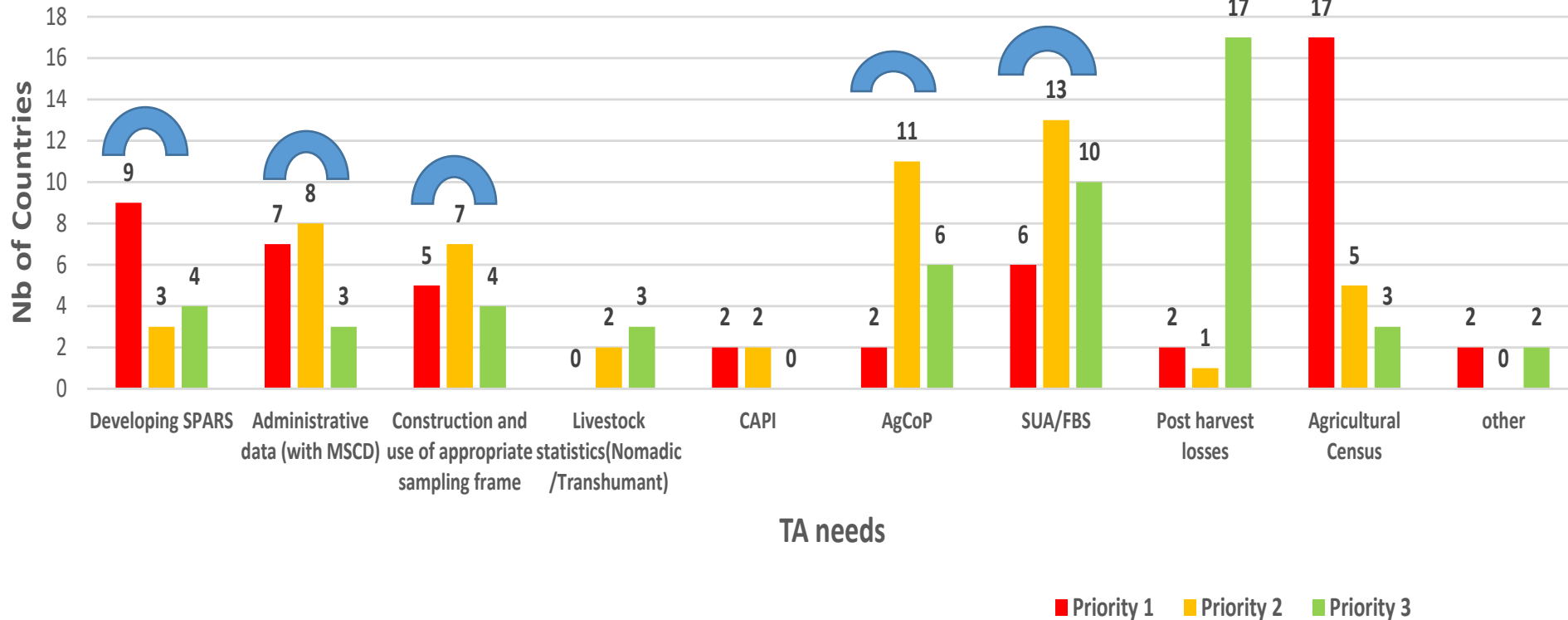
- 3 Surveys: 2014, 2019 and 2022
- Resulted from NSOs and MoAs consultations together with Agric. sub-sectors



2. Framework of SCB/TA Delivery Model in Agric Stat (Con't)

2.2. Identification of TA Priority Needs in 2022 Survey (Con't)

Number of Countries per TA priority need as per 2022 Survey



More details into the Report



AfDB Statistical Capacity Building Program in Agricultural Statistics



Third Edition
December 2022

Identification of Priority Technical Assistance Needs for improving Agricultural Statistics in Africa countries

STATISTICS DEPARTMENT
Statistics Capacity Building Division
Agricultural Statistics Team

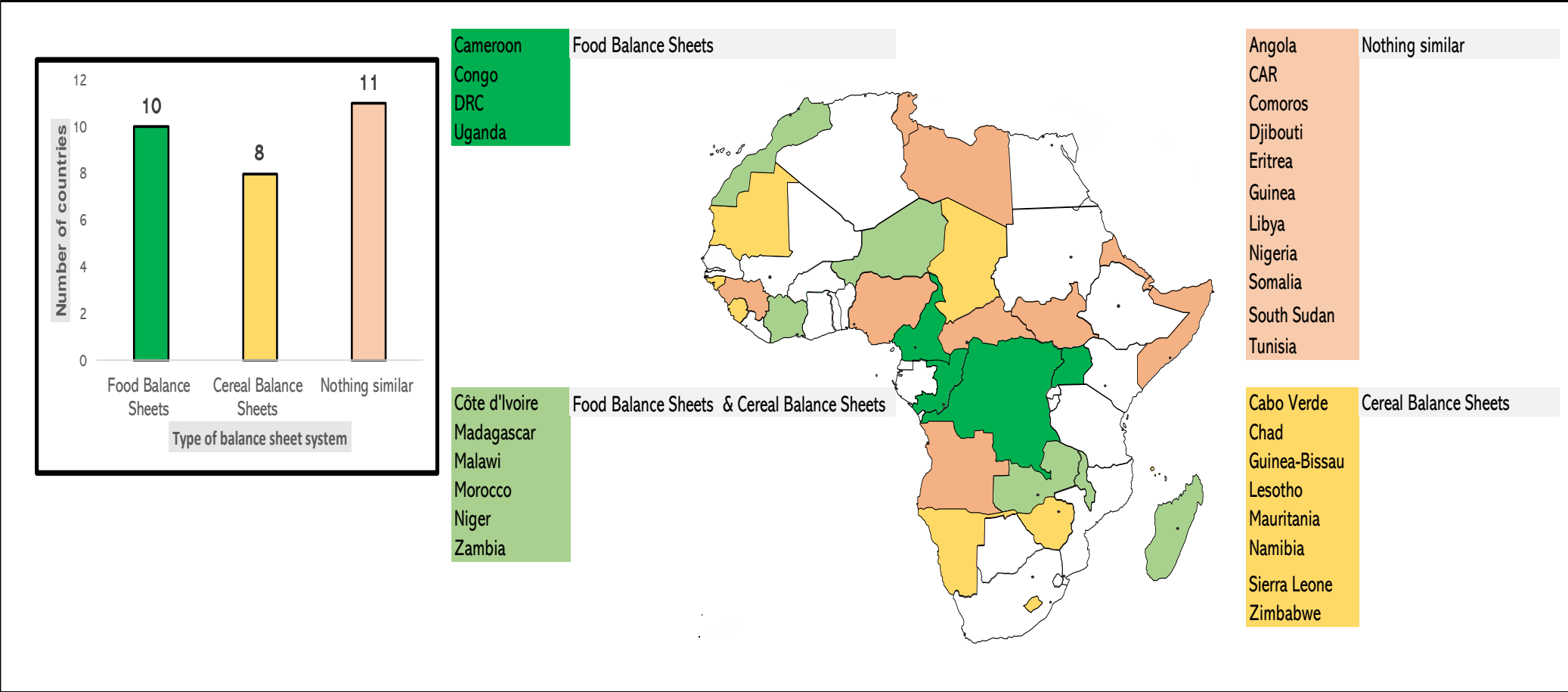
2. Framework of SCB/TA Delivery Model in Agric Stat (Con't)

2.3. Identification of Country TA Specific Needs

- 3 Surveys, about: FBS, AgCoP, MSF and CAPI
- Findings used to develop Specific Delivery Models for each TA area

Some findings - Case of survey about FBS in 2023

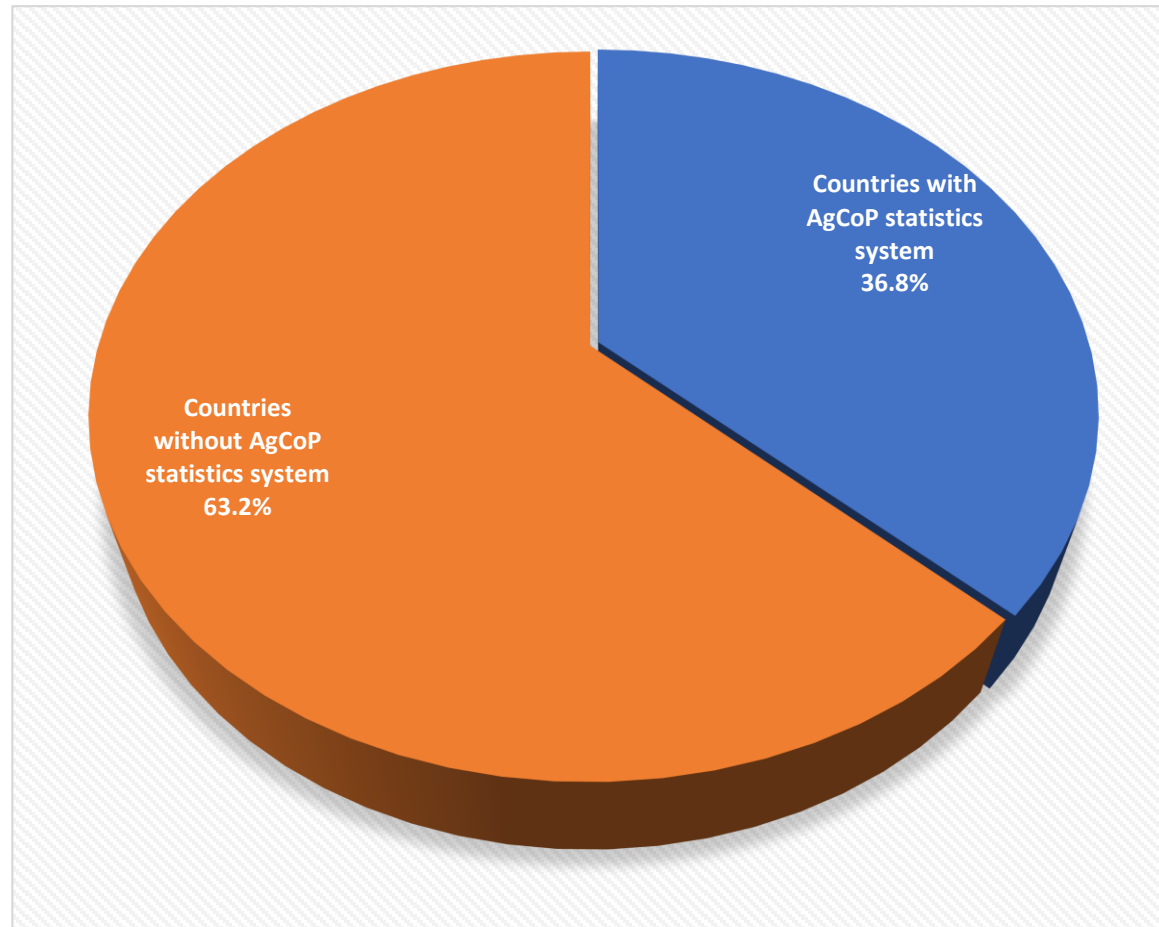
Country specific context - Existence or not of FBS compilation system



2.3. Identification of Country TA Specific Needs (Con't)

Some findings - Case of survey about AgCoP in 2023

Proportion (%) of countries with and without AgCoP statistics system



- ☐ Only 7 out of the 19 countries (36.8%) have currently or had sometime ago an AgCoP Statistics system in place
- ☐ 12 countries (63.2%) have never had such system

2.4. Modalities and means for effective TA delivery

□ Regional training workshops

- ❖ Grouping countries by priority theme
- ❖ Involving RECs
- ❖ Development of TA Delivery Model for each subject

□ Bilateral TA - TA to individual countries

- ❖ Country targets
 - **Selectivity criteria: country demand driven, political will, commitment and readiness to ensure ownership and sustainability**
- ❖ Exploratory missions to countries - Developing and adopting roadmaps
- ❖ Development of required tools
- ❖ Implementation of roadmaps: Resources mobilization and Backstopping missions
- ❖ Use of training materials, including related Tools, of cost-effective methods

□ Innovation

- ❖ eLearning materials

□ Partnership

- ❖ FAO, RECs (EAC, COMESA, etc.)

3. AfDB-SCB Achievements in Agric Stat: TA to 22 countries

3.1. Construction and use of Master Sampling Frame (MSF) for Agric Surveys

❖ TA to 2 countries

- Zambia
- Somalia

❖ Regional Training Workshop

- 85 participants from countries, 9 Regional Economic Communities (RECs) and 4 Statistical Training Centers (STCs)

❖ TA Specific Needs on MSF were identified and the Report prepared

3.2. Establishment of Agricultural Cost of Production (AgCoP) stat systems

❖ TA to 1 country

- Malawi: Trainings, instruments developed and field-tested, and technical report produced

❖ Regional Training Workshop

- 36 participants from countries, RECs/SROs and STCs

❖ TA Specific Needs on AgCoP were identified and the Report prepared

3. AfDB SCB Achievements (Con't)

3.3. Use of Computer-Assisted Personal Interviewing (CAPI-SuSo)

❖ TA to 4 countries

- Benin
- Malawi
- Niger
- The Gambia

❖ Increased number of trained national experts

- Cumulative/total trained number so far: 368 trainees

❖ Innovation-Development of eLearning materials (in English and French)

- Field-tested in 4 countries (Malawi, The Gambia, Benin and BF)
- To be finalized and released for wide use

3. AfDB SCB Achievements (Con't)

3.4. Setting up robust and sustainable Food Balanced Sheets (FBS) compilation systems

❖ TA to 7 countries

- Sustained and upgraded the existing systems in 3 countries (Burkina Faso, Kenya and Tanzania): Results produced and published for BF and Kenya, and work still ongoing in TZ
- 2 new countries (Burundi and Rwanda) with Results produced and published
- 2 new countries where work is still going on: Madagascar, Zambia and CAR

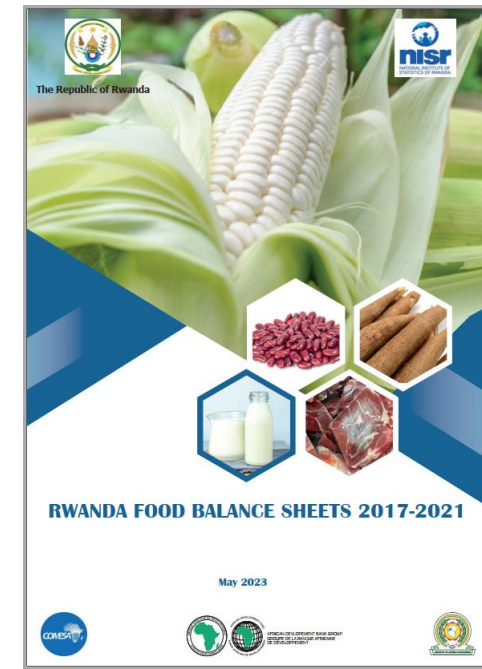
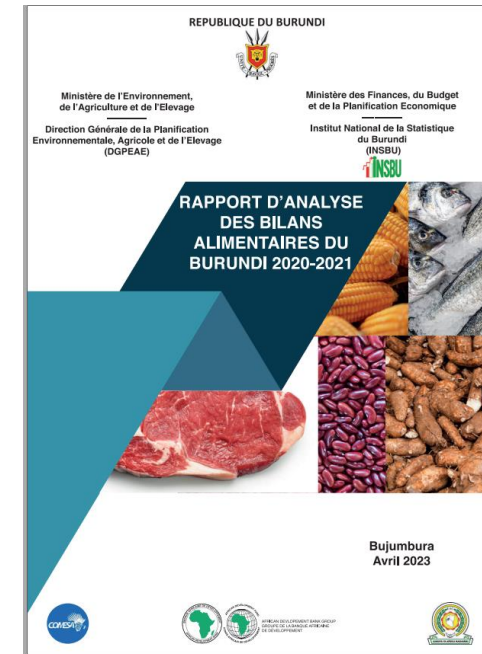
❖ Preparation of training materials on Trade Data Mapping Tool

❖ Preparation of an automated FBS Formatting Tool

❖ TA Specific Needs on FBS compilation were identified and the Report prepared

❖ Regional Training Workshop: 76 Participants from countries and RECs were capacitated

❖ Invited Paper Session at ICAS-IX, in collaboration with EAC



3. AfDB SCB Achievements (Con't)

3.5. Undertaking Agriculture Censuses

❖ TA to 1 country - Burundi

- Preparation of funding documents (for Bank approval)
- Contribution to project planning (budget, workplan, etc.)
- Procurement of experts and IT equipment
- Collaboration with other DPs (FAO, UNFPA)

3. AfDB SCB Achievements (Con't)

3.6. MSCD Compilation Process – 2021 and 2022 Cycles

□ TA to 7 countries:

- Burkina Faso
- CAR
- Cote d'Ivoire
- Ethiopia
- The Gambia
- Mozambique
- Togo

□ Data Compilation innovation

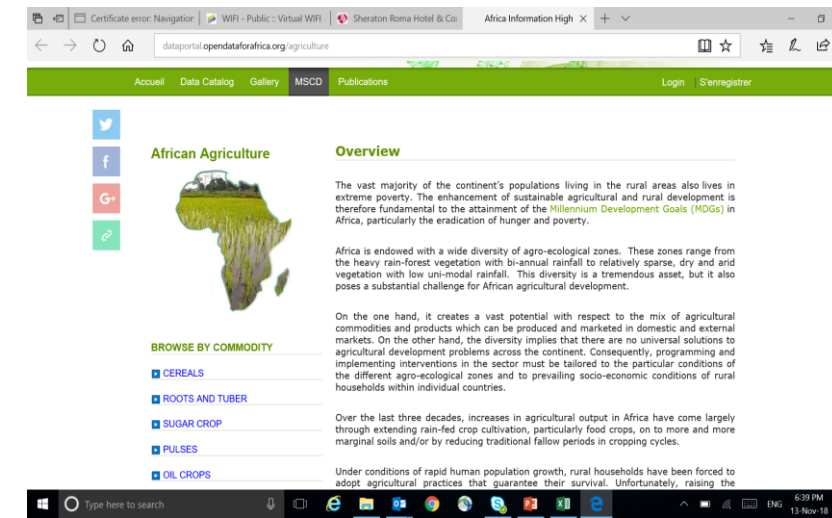
- Reviewed and updated Tools and Guidelines (English/French)

□ Data compilation status

- 42 reporting countries for 2021 Cycle
- Regional validation workshop in 2022: 62 participants
- 32 expected reporting countries for 2022 Cycle – Yet to be published

□ Data dissemination

- Onto AIH Webpage at <http://dataportal.opendataforafrica.org/mxlmxpb>



The screenshot shows a web browser displaying the 'African Agriculture' page under the 'MSCD Publications' section of the 'dataportal.opendataforafrica.org' website. The page features a green header with navigation links: 'Accueil', 'Data Catalog', 'Gallery', 'MSCD', and 'Publications'. On the right, there are links for 'Login' and 'S' (Sign up/registrer). The main content area includes a social media sharing bar (Twitter, Facebook, Google+, LinkedIn) and a map of Africa. The 'Overview' section contains text about the continent's agricultural diversity and challenges. Below this, there is a 'BROWSE BY COMMODITY' section with a list of categories: CEREALS, ROOTS AND TUBER, SUGAR CROP, PULSES, and OIL CROPS. The page is viewed on a desktop with a Windows taskbar visible at the bottom.

3. AfDB SCB Achievements (Con't)

3.7. Usefulness of developed tools, instruments and materials

□ FBS tools:

- Trade Data Mapping Tool (TDMT): Maps automatically HS classification to CPC, and generate more agricultural and food trade data
- FBS Formatting Tool: Puts automatically FBS results into the standard format, including SSR and IDR
- Training materials on above tools

□ MSCD

- Validation Tool (and its User Manual): Highlights automatically data inconsistencies

□ AgCoP

- AgCoP Model for Malawi: Helps to estimate AgCoP data for years where no surveys are conducted, hence producing AgCoP indicators while avoiding to conduct costly AgCoP surveys each year

□ CAPI

- eLearning materials: For cheaper, faster, and self/flexible training, more trained people, etc.

□ AIH

- Publication of agricultural surveys/censuses data (Ghana, Guinea, Senegal, Uganda)

6. Conclusion and way forward/recommendations

Some key numbers of achievements:

- ❑ 4 Wkshops with 359 trained, TA to 22 countries, 368 CAPI experts, Surveys/Censuses on AIH for 4 countries

For all our products, visit:

- ❑ AIH at: <http://dataportal.opendataforafrica.org>
- ❑ AfDB at: www.afdb.org/knowledge/statistics; <https://www.afdb.org/en/all-documents>

Way forward and recommendations:

- ❑ Countries to sustain received technical assistance
- ❑ Intern. and Reg. Organizations to further strengthen their partnership, ensuring more synergies when implementing their respective SCB Programs for Agric. Stat.
- ❑ Adapt to latest developments and continue innovating
- ❑ AfDB is engaged to continue supporting NASS development in Africa

THANK YOU FOR YOUR ATTENTION