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Organization of the  
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GOALS



# AFRICAN COMMISSION ON AGRICULTURAL STATISTICS

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## 28<sup>TH</sup> SESSION

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

AGENDA ITEM 5:  
Global Strategy  
For Improving Agricultural  
and Rural Statistics (Phase II)  
& Statistical  
Capacity Development



AFRICAN  
COMMISSION ON  
**AGRICULTURAL  
STATISTICS**

# COUNTRY-EXPERIENCE: Global Strategy For Improving Agricultural and Rural Statistics (Phase II) in ZAMBIA

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# Outline of presentation

1. Data sources and collection methods.
2. Strengths and Weaknesses of the Agricultural Statistical System
3. GSARS Impact on the Agricultural Statistics System of Zambia
4. GSARS II impact on GAMSO model
5. GSARS II impact on the GSBP
6. Benefits from GSARSII
7. Challenges and Lessons learnt during GSARSII implementation



# Agricultural and Rural Statistics in Zambia

## Data sources and collection methods

- a. Census- expected to be conducted in a period of 10 years, Provide basic agriculture statistics, e.g. Census of Population and housing (2022) and Census of Agriculture(1991, planned for 2024)
- b. Sample surveys- conducted more frequently, i.e annually or quarterly. Provide data on current agriculture statistics e.g. Crop Forecasting Survey, Post Harvest Survey, Livestock survey, among others.
- c. Administrative data-collected by departments and agencies e.g marketing boards or unions, collected more regularly.

# Strengths and Weaknesses of the Agricultural Statistical System in Zambia

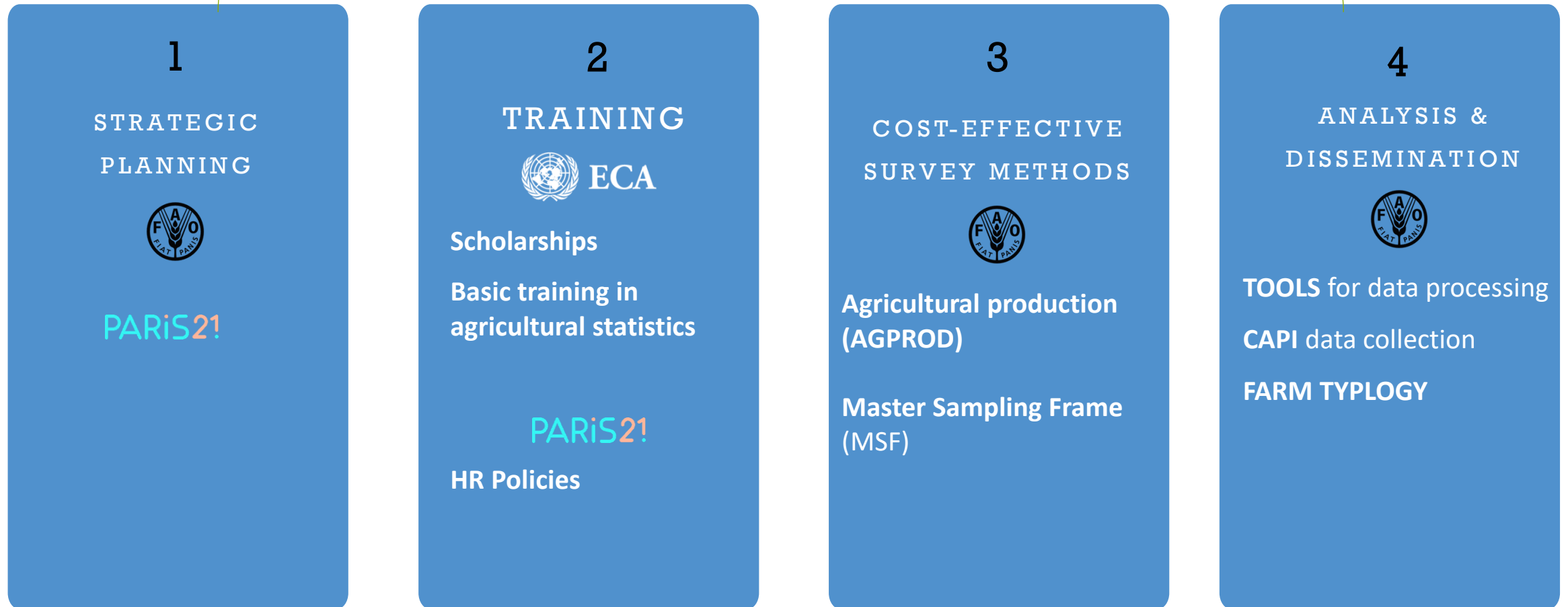
## Strengths

- ❖ Enhanced coordination between ZamStats and the Ministry of Agriculture and Fisheries and Livestock in surveys undertaken.
- ❖ New cost-effective methods for data collection, analysis and dissemination e.g. CAPI
- ❖ Adherence to a common set of standards and protocols for data collection, methods and analysis

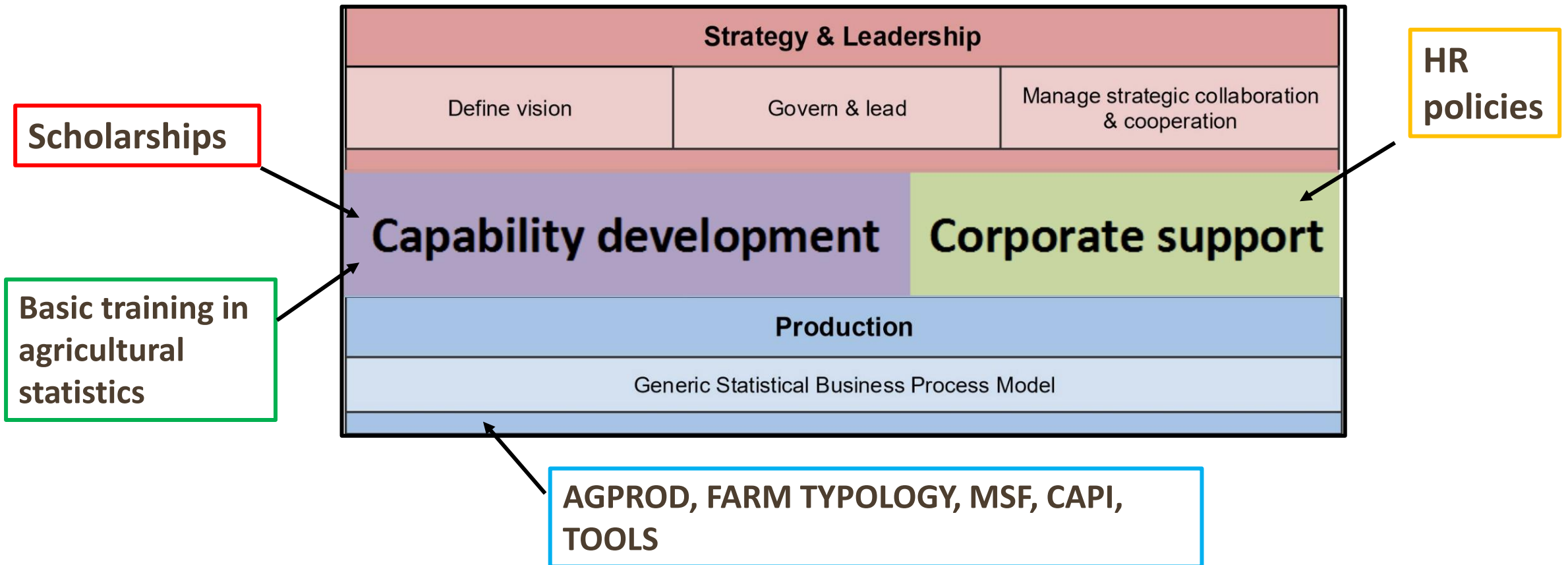
## Weaknesses

- ❖ Lack of qualified personnel in processing, analysis of data due to high turnover of staffs.
- ❖ Lack of utilization of space based technologies e.g satellite imagery and GIS
- ❖ Limited resources being allocated to agricultural statistics

# GSARS Impact on the Agricultural Statistics System of Zambia (1)

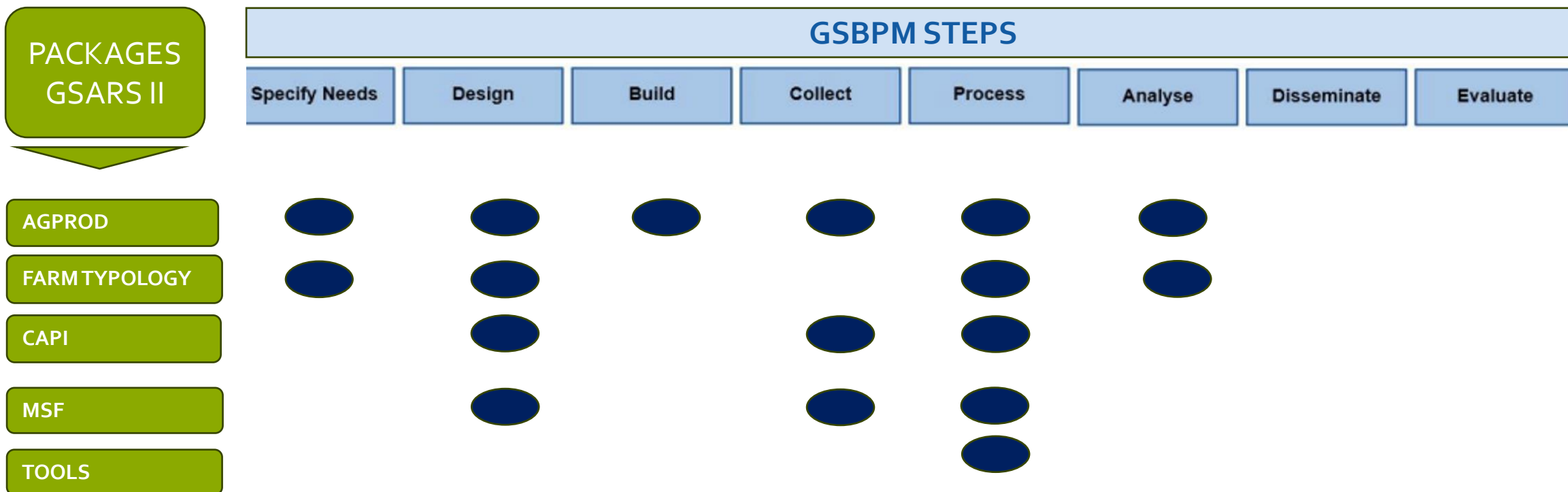


# GSARS II impact on GAMSO model





# GSARS II impact on the Generic Statistical Business Process Model (GSBPM)



# Benefits from GSARSII

- The impact of each package on the statistical system: **The packages were implemented in a type of synergy completing and benefiting from each other. (MSF-CAPI-AgProd-Tools-Typology)**
- **HR policies (Paris 21) - for Zambia: new organigram which links better the production of statistics to the demand of users**
- Basic training in Agricultural and Rural Statistics (UNECA): **Enhanced capacity of officers involved the planning, execution and dissemination of Agriculture Statistics**
- Scholarships (UNECA): to train the new generation of ag. Statistics **Zambia had two scholarships of Official Statistics specialised in Agriculture Statistics. Students have since graduated**
- AGPROD: TYPOLOGY: **Capacity was built for officers from the producers of Agriculture Statistics on improving statistics on agriculture productivity and classification of farmers**
- TOOLS: **Officers were trained with SPSS, and this helped build capacity in data cleaning, analysis, tabulation and report writing**

# Challenges and lessons learnt during GSARSII implementation

## Challenges faced during GSARSII implementation

- 1 High mobility of trained staff in the sense that there was lack of consistency in the group being taught in various skills due to other commitments

## Lessons learned

- 1 Robust tool (questionnaire) was developed through the AGPROD survey process
- 2 Training, technical assistance and research was provided to achieve the levels of expertise required to improve agriculture statistics in Zambia.

## Future needs

- 1 The need to facilitate mobilization of resources for continuity of the AGPROD type survey

**Thank you for your attention!**

For more information, please visit:  
[Global Strategy to Improve  
Agricultural and Rural Statistics  
website](#)

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