

Eighth Session of the Statistical Commission for Africa/Regional Committee of United Nations Global Geospatial Information Management for Africa
Addis Ababa, Ethiopia, 24–28 October 2022

Geocoding according to Census Thematic Areas and Integration of the Spatial Dimension into the Organigram of Census Activities in Africa



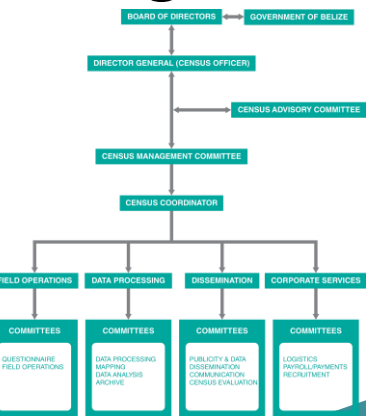
United Nations
Economic Commission for Africa

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ECA (Geospatial Information Management Section)



UN-GGIM: AFRICA
UNITED NATIONS INITIATIVE ON
GLOBAL GEOSPATIAL
INFORMATION MANAGEMENT

Integration of the Spatial Dimension into the Organigram of Census Activities

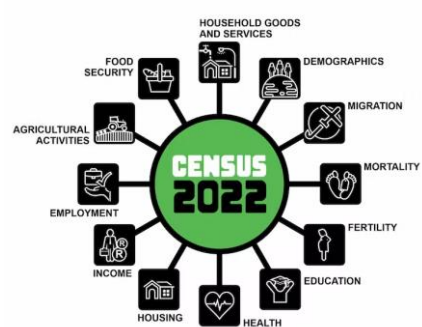


PLANNING AND MANAGEMENT

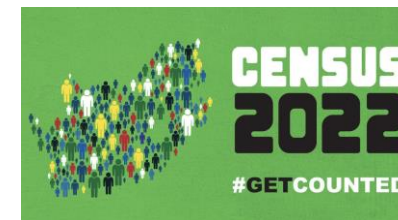


- ❑ Legal, Organizational, Fund Raising
- ❑ Establish Census Secretariat
- ❑ Develop Strategic Direction
- ❑ Establish Census Committees
 - ❑ Establish District Census Offices
 - ❑ Establish Procurement Office
 - ❑ Capacity Building





PREPARATORY



Develop Census Operations Strategy

- ☐ Integration of Statistics and Geography into the Strategy
- ☐ Global Statistical Geospatial Framework

Census Communications, Publicity and Advocacy

- ☐ Global Statistical Geospatial Framework

Cartography and GIS

- ☐ Integrating Global Statistical Geospatial Framework into Census Cartography

Printing of Census Documents

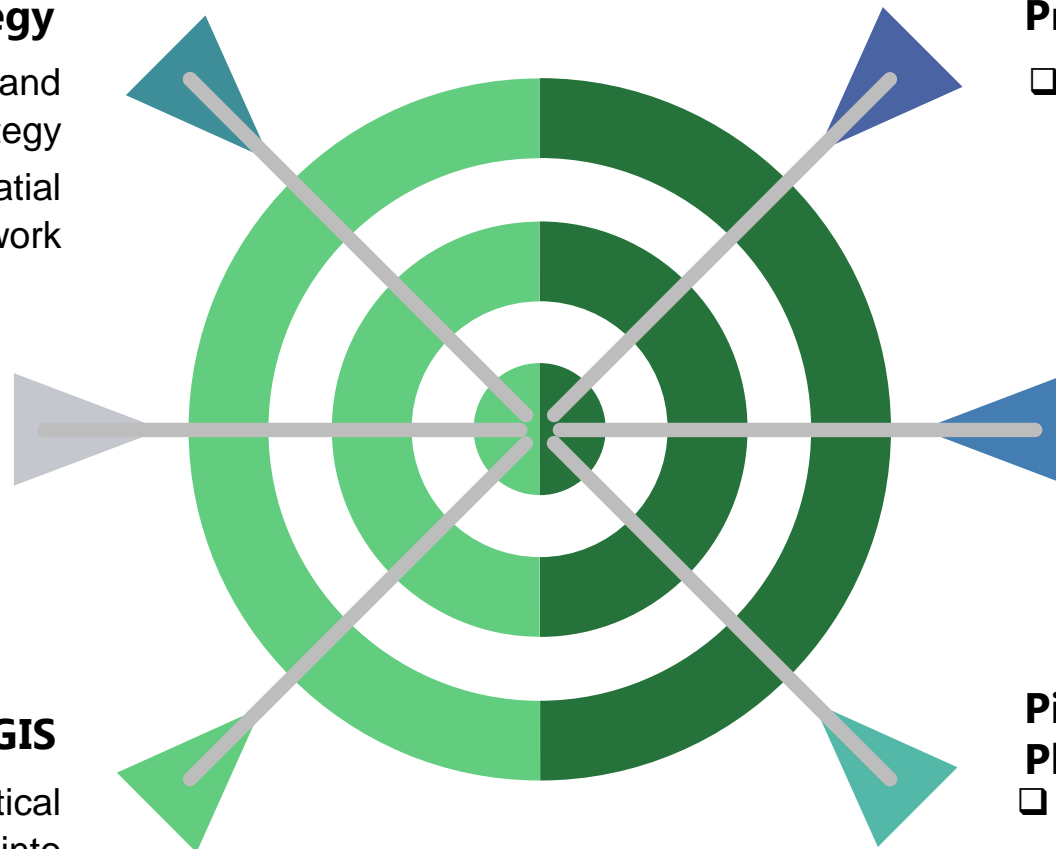
- ☐ Global Statistical Geospatial Framework Dissemination Strategy

Procurement of Equipment and Materials

- ☐ Materials are adapted to the Global Statistical Geospatial Framework (GPS, Tablets, Conformity etc.)

Pilot Census Planning for Post Enumeration Survey

- ☐ Follow Recommendations from the Global Statistical Geospatial Framework





FIELD OPERATIONS (Pilot, Census & PES)



Recruitment of Field Staff

☐ Global Statistical Geospatial Framework and Staff Recruitment

Training of Field Staff

☐ Global Statistical Geospatial Framework and Field Staff Training

Storage and Distribution of Questionnaires/Tablets etc. to Field

☐ Global Statistical Geospatial Framework consideration for storage/distribution

Assignment of Tasks and Deployment of Field Staff

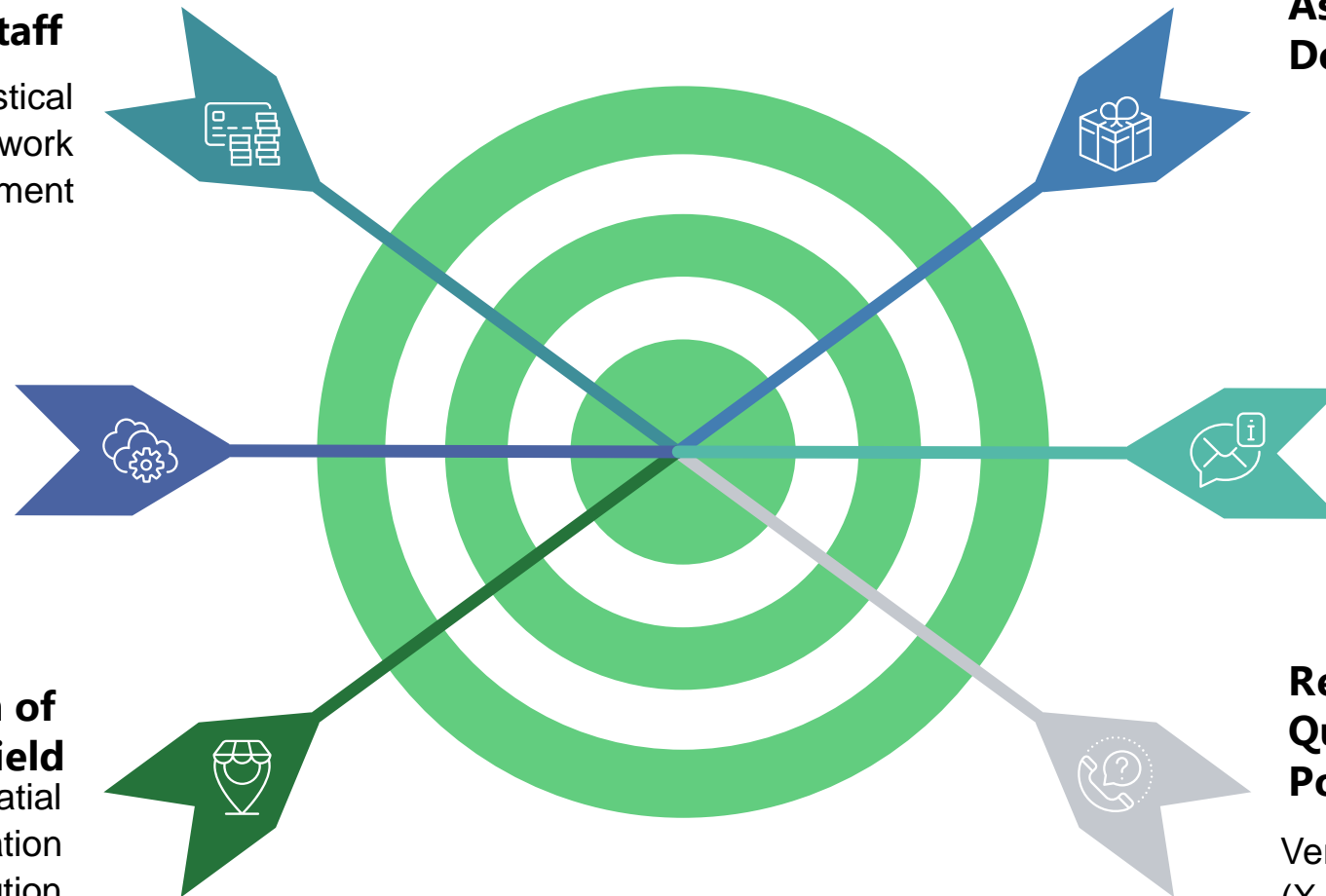
☐ Global Statistical Geospatial Framework and Deployment Field Staff

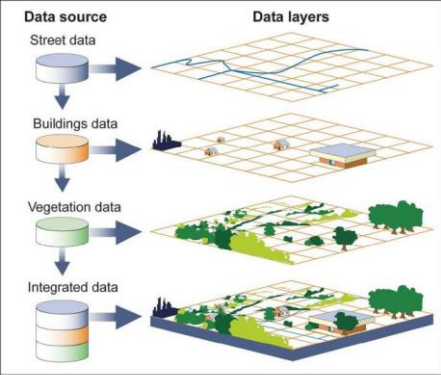
Census Field Enumeration

☐ Global Statistical Geospatial Framework and Field Enumeration (X,Y,Z Coordinate Capture/Dwelling Frames)

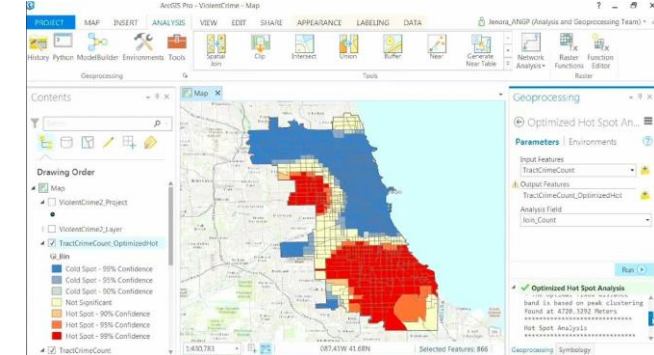
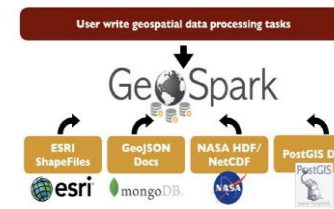
Retrieval and Storage of Questionnaires from Field and Post Enumeration Survey

Verification and Authentication (X,Y,Z Coordinate Capture/Dwelling Frames)





DATA PROCESSING



Global Statistical Geospatial Framework



Develop Data Processing Strategy/Agreed Strategy



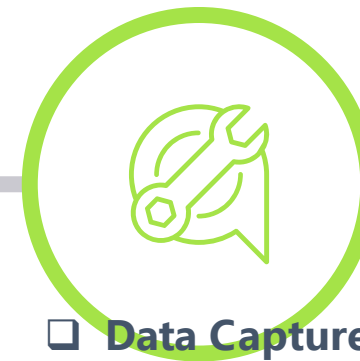
Develop Data Processing Operations and Cycles



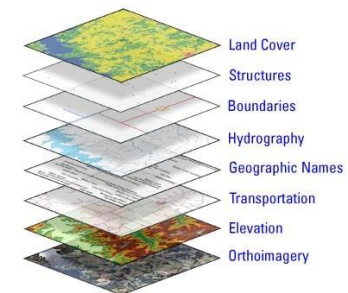
Procure Data Processing Equipment



Recruit and Train Data Processing Staff

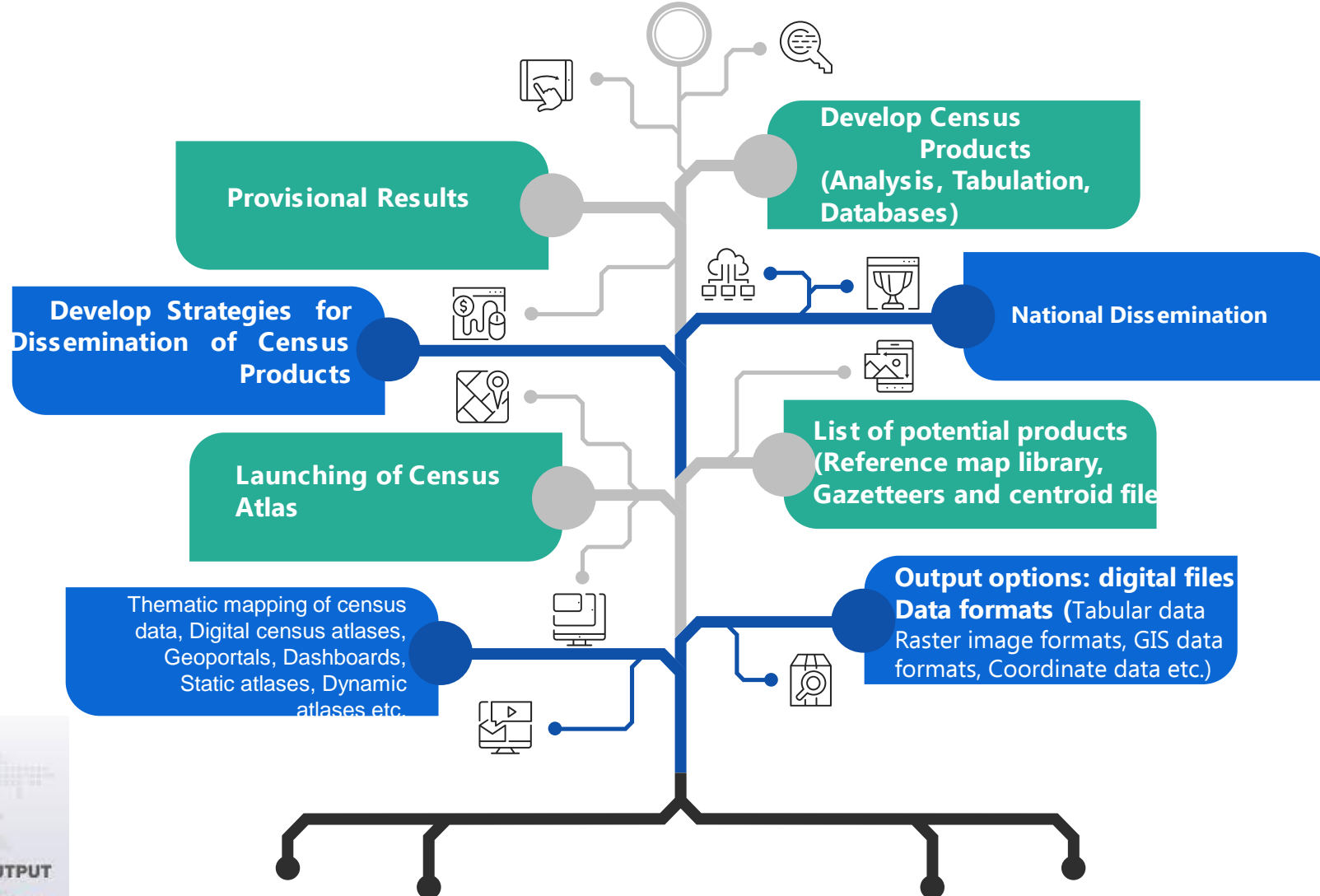
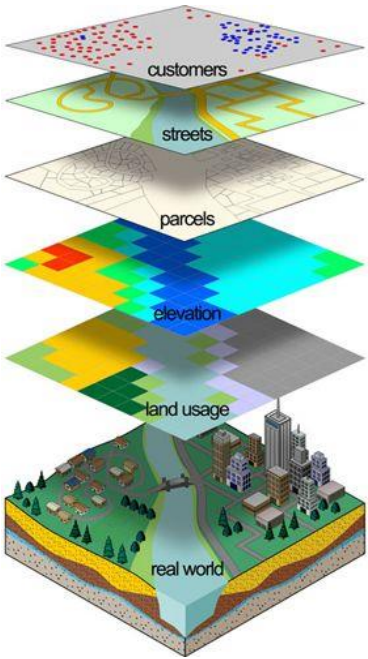


- ☐ **Data Capture, Pilot Census Main Census**
- ☐ **Edit and Validation of Data, Pilot Census, Main Census**
- ☐ **Post Enumeration Survey Processing**



Geocoding and Dissemination of Census Results

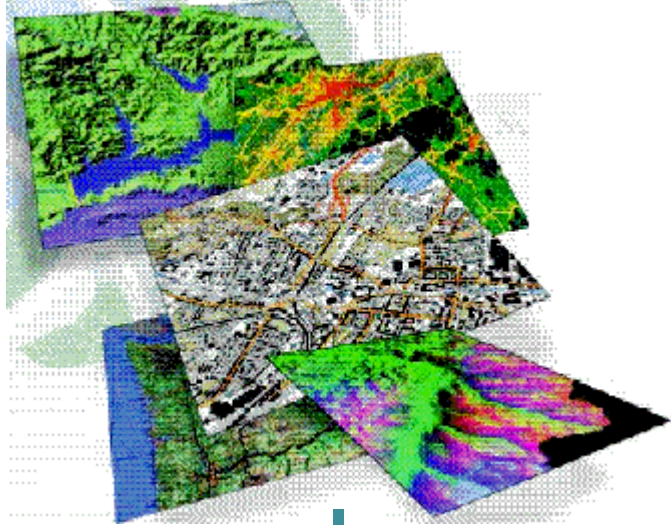
Geographic databases for the dissemination of census results, products and services



Dissemination and Collaboration

7

Use GIS to create the information products your users need



Engagement

- ❑ Organizations today need to maximize engagement.



Types of user requirements

- ❑ NSOs need to consider the many different types of user requirements when planning their data dissemination strategies.

Meeting Data Needs of Users

- ❑ Content Sharing
- ❑ Content Management
- ❑ Data Discovery
- ❑ Data Visualization
- ❑ Collaboration



(SDGs)

- ❑ If you need to report on key indicators or United Nations (UN) Sustainable Development Goals (SDGs), create policy maps, or produce press briefings or media kits, you can use GIS to create the information product you need, share data, enable collaboration, track initiatives, inspire action, and create vibrant communities.





THANKS