



**REGIONAL TRAINING WORKSHOP ON  
FOREST PLANNING AND FOREST  
MANAGEMENT IN DIFFERENT FOREST TYPES  
IN EASTERN AND SOUTHERN AFRICA**



**PART 2: EVALUATION OF THE  
ADEQUACY OF THE PLANS**

**Group 2**



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# Team members



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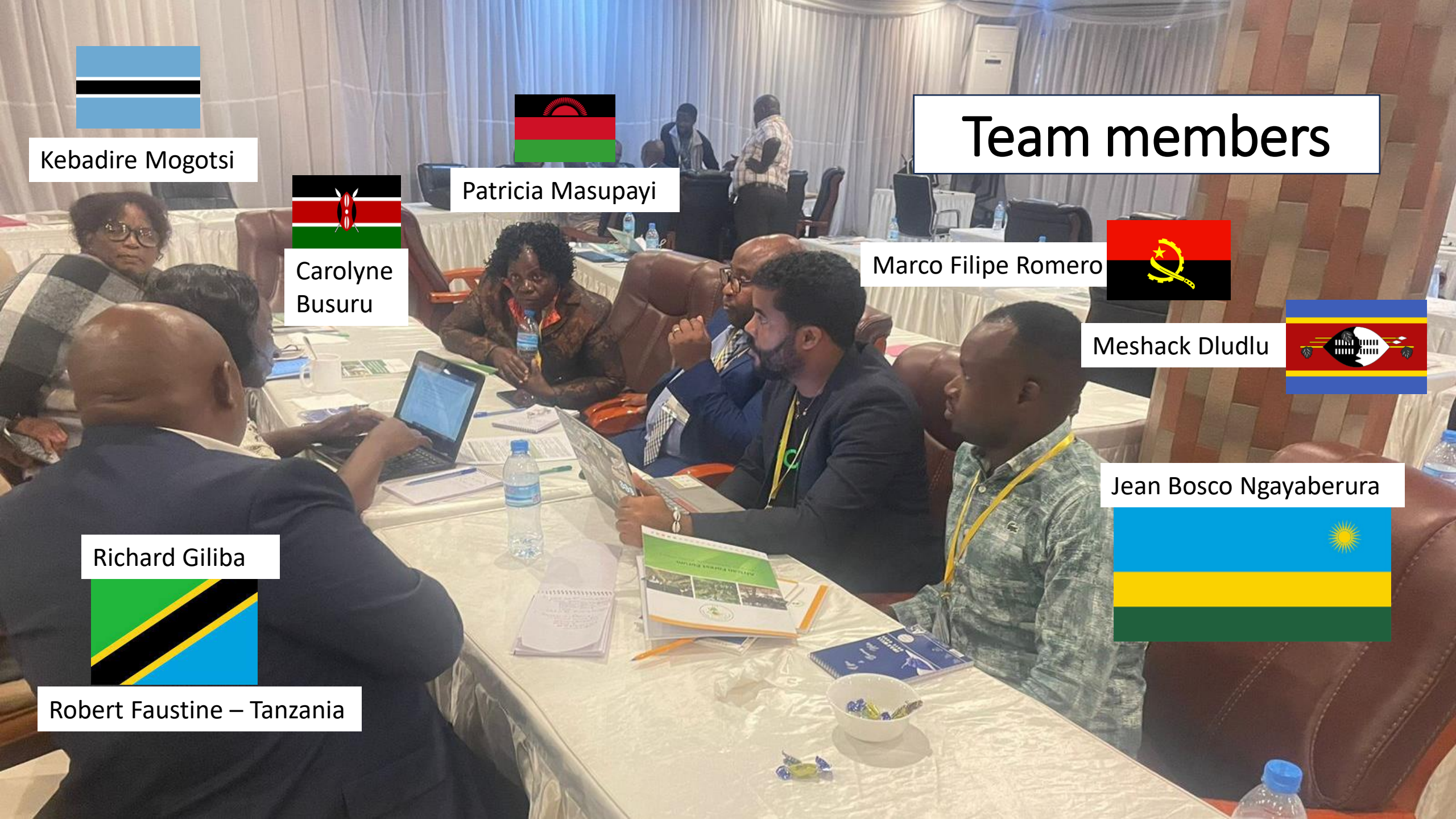
Jean Bosco Ngayaberura



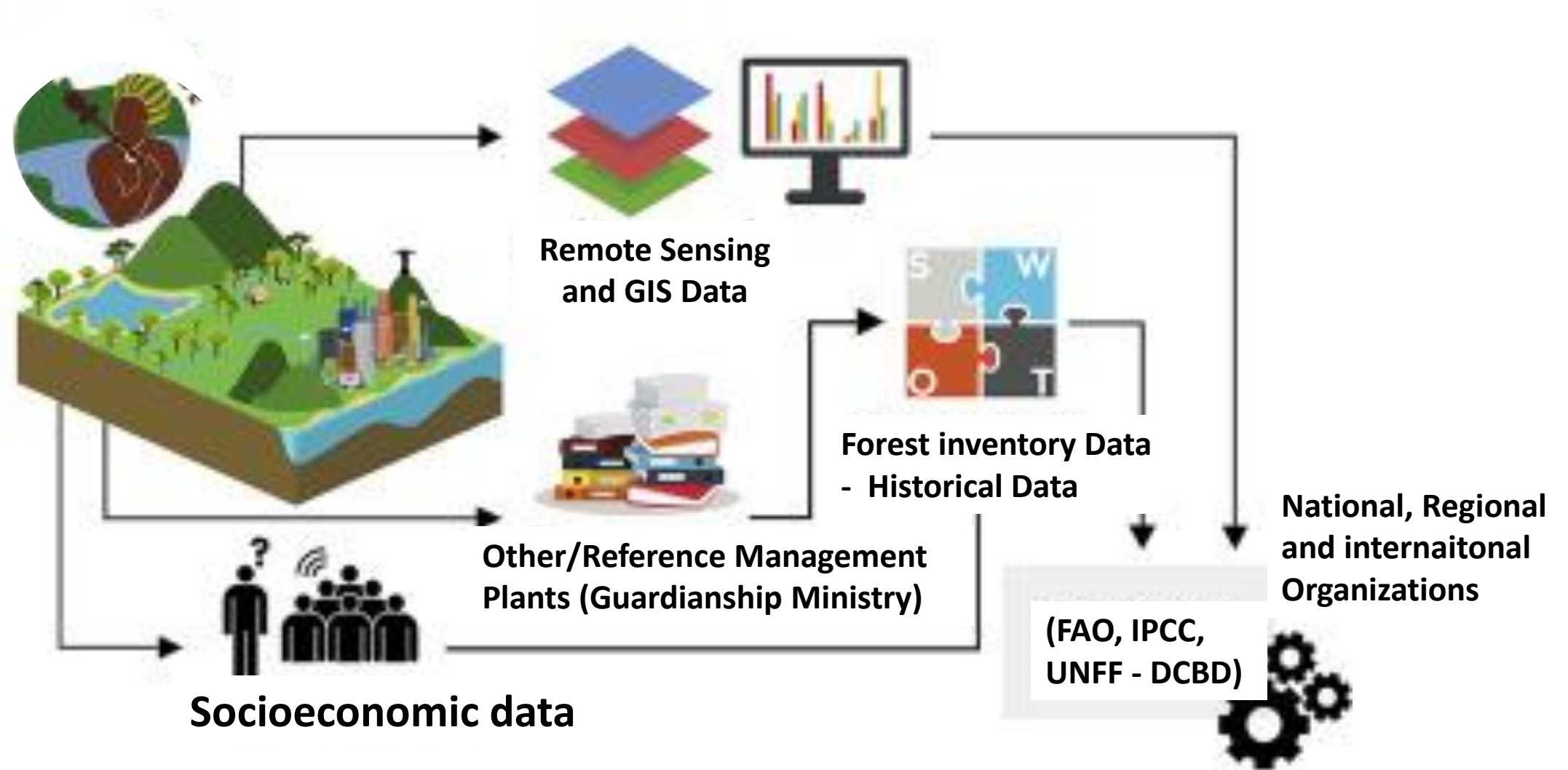
Richard Giliba



Robert Faustine – Tanzania



# 1 What is the source of the information used in planning?



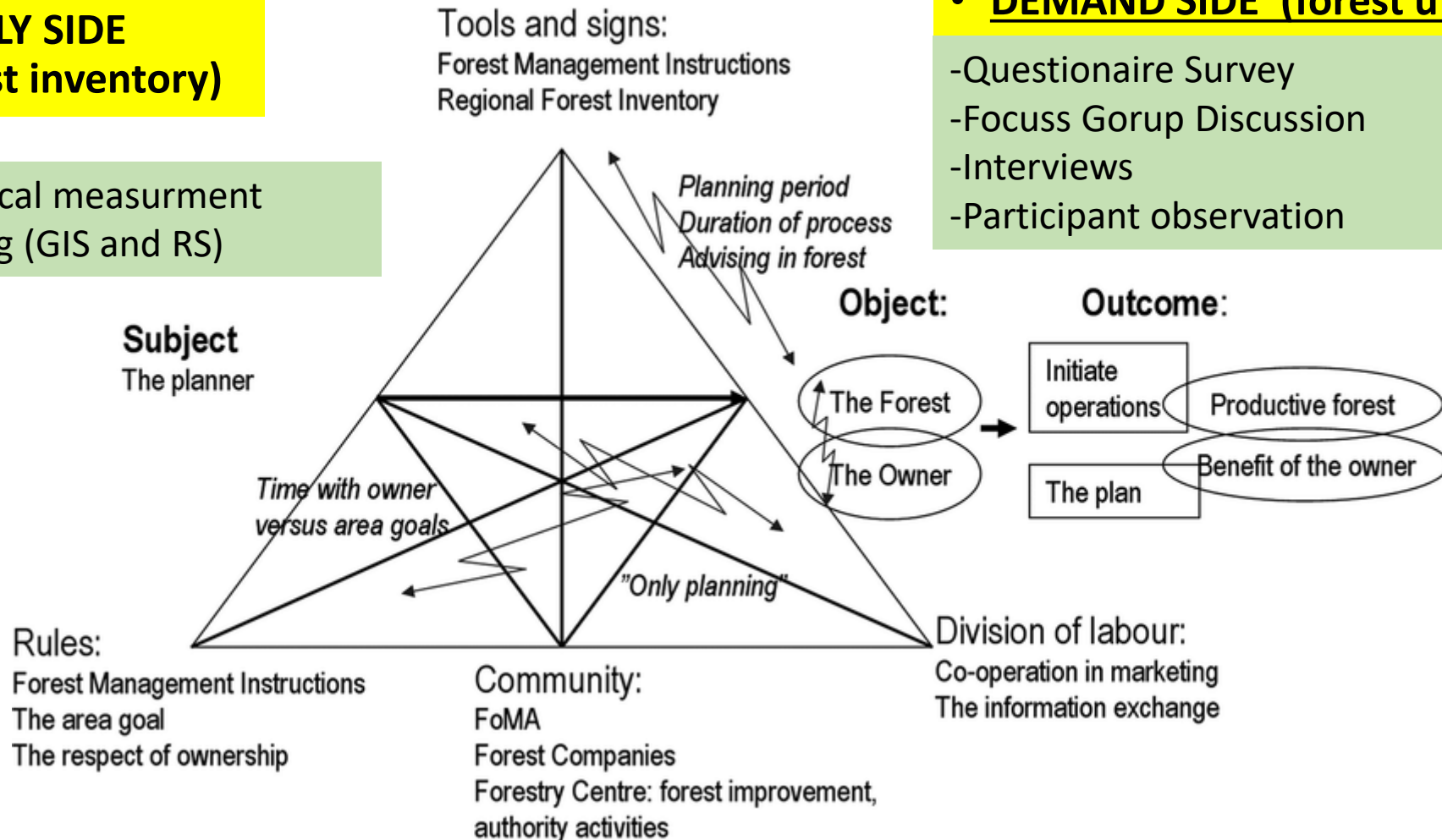
## 2 - What is the methodology of the source of information in terms of data collection and data analysis?

### • **SUPPLY SIDE (forest inventory)**

- Biophysical measurement
- Mapping (GIS and RS)

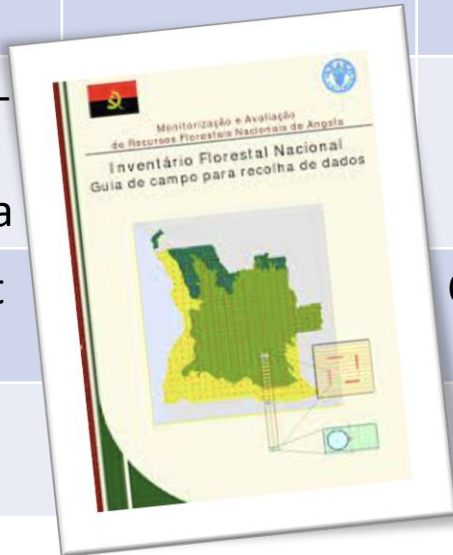
### • **DEMAND SIDE (forest utilization)**

- Questionnaire Survey
- Focus Group Discussion
- Interviews
- Participant observation



# What is the methodology of the source of information in terms of data collection and data analysis?

	Angola	Botswana	Eswatini	Kenya	Malawi	Rwanda	Tanzania
One-time data vs recurrent data					Recurrent Data from	—	
Dates for one-time or recurrent data		(1999)			2016 2022		2013 2016x 2022
Ground forest inventory		One time					3 times
Remote sensing		X					X



# What are the tools/techniques/models used for planning and for moving the forest to a desired future structure?

- **Tools**

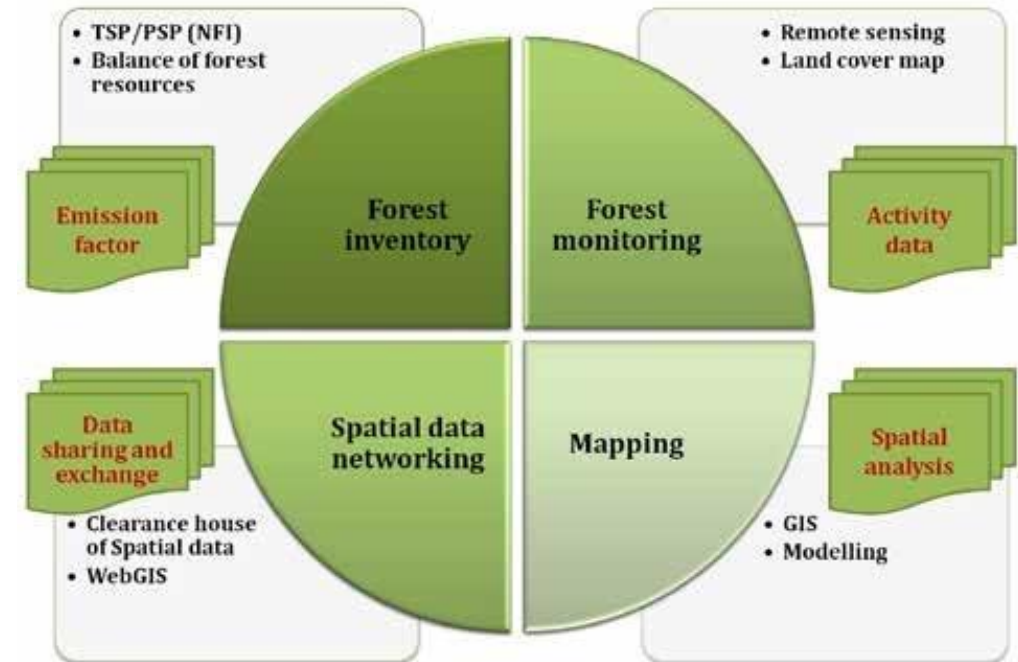
Computers , GPS, Caliper, Sunto, Diameter Tape. Drones, probes

- **Techniques**

Remote sensing and forestry inventory

- **Models**

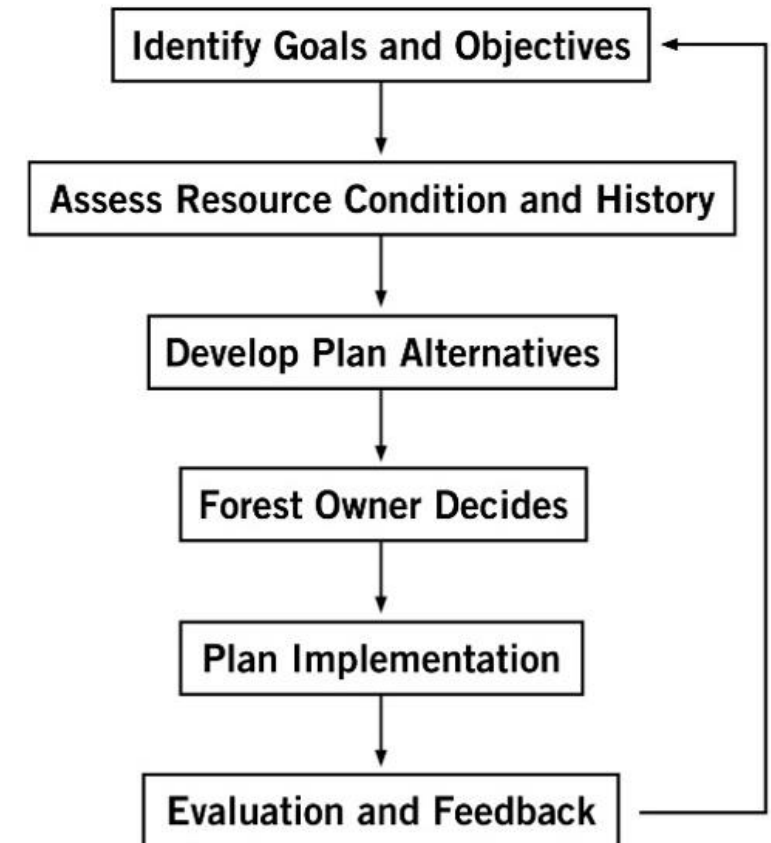
Allometric models (DBH)



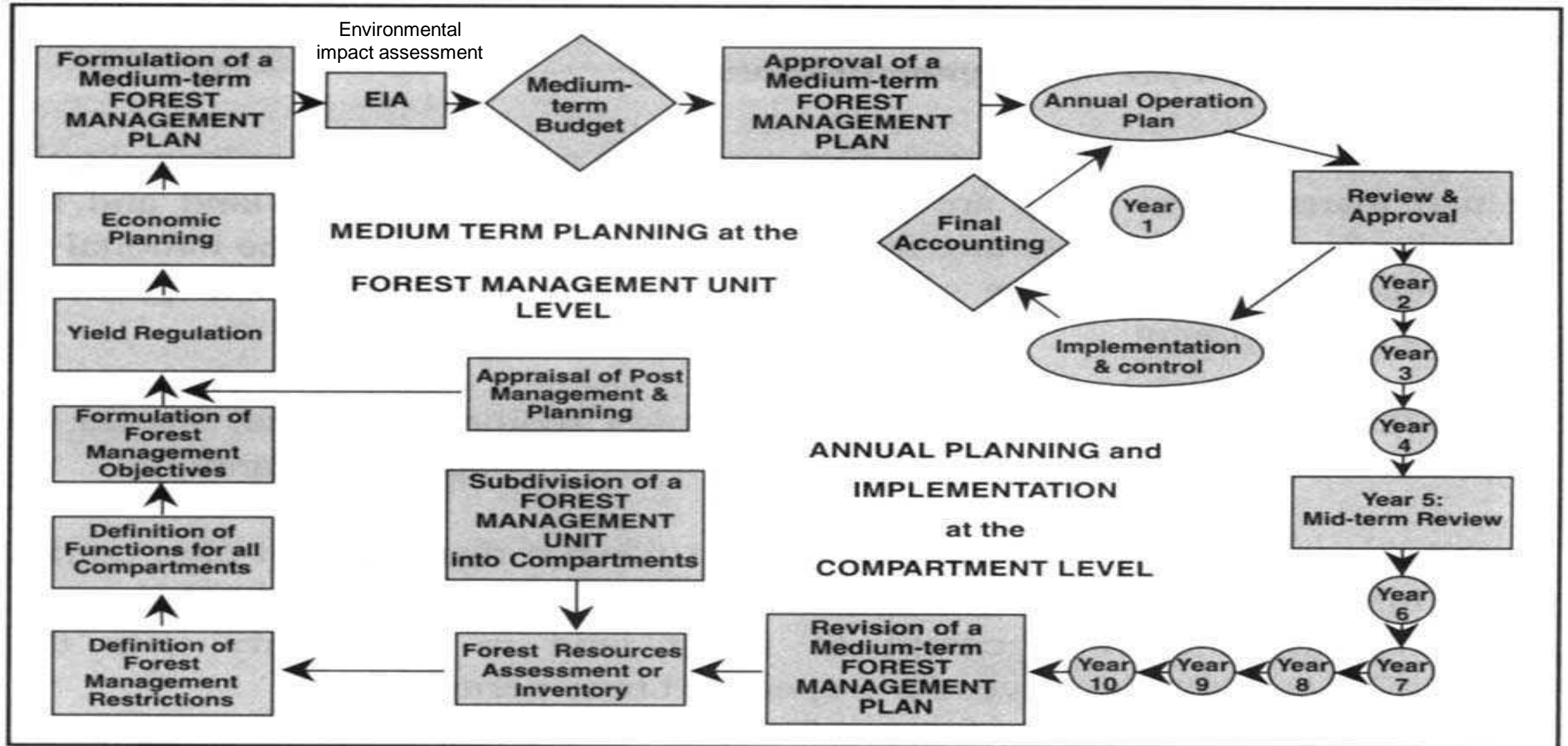
# What was the level and type of training/knowledge/skills of the stakeholders involved in planning?

Stakeholder	Level of Training	Skills
Technocrats	GIS and Remote Sensing	mapping
Technical people Taxonomists	Tree measurement Plot Layout Species Identification,	Forest inventory - Mensuration - Botanic - zoogy
Data Scientist Project Managers and Leaders	Statisitcs Data Science	Data analysis Project Management Decision making and Policy
Comunity	Indigenous Knowlege	Field information Data Collelction

## The Planning Process



What are the strategies for implementation of the forest plan?  
 What is the time span covered by forest planning?

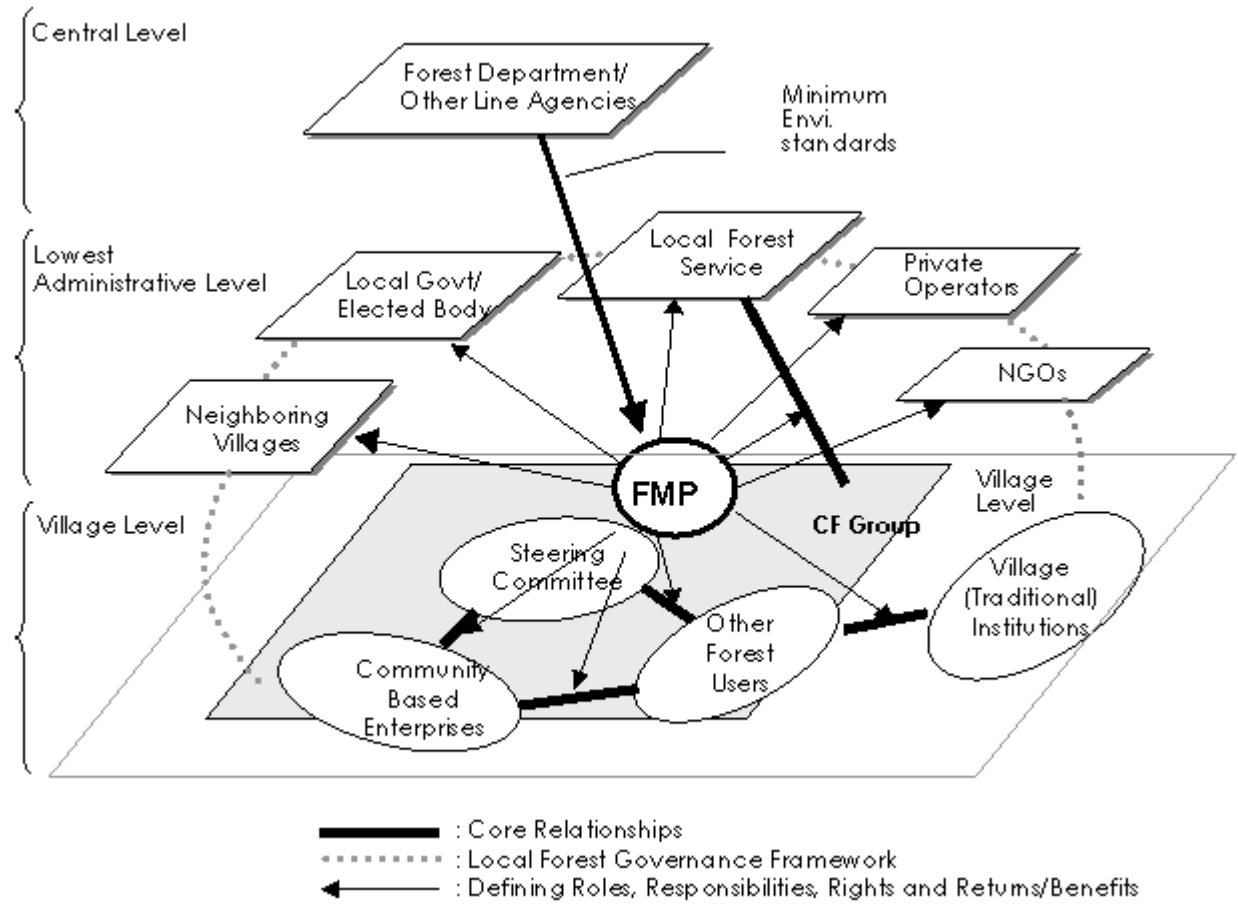




# What are the strategies for implementation of the forest plan? What is the time span covered by forest planning?

## Malawi - Tanzania

- Annual Budget Plan
- Annual Plan of Operation
- Annual harvesting Plan
- Annual cash-flow plan
- Formulate a plan implementation committee (meet quarterly)
- Develop a monitoring and evaluation framework



What are the strategies for implementation of the forest plan?  
What is the time span covered by forest planning?

Plan	Duration
Participatory Forest Management Plan	5 Years
Forest Plantation Management Plans	10 years
Forest Ecosystem Management Plans	10 Years
Strategic Plans	5 years
Concession Management Plans	30 years (5 years Revision)

# What are the resources for implementation of the forest plan? (human, physical, financial)

- Physical (Vehicle, Computers, Tools and Equipemnt)
- Human (Technicians, GIS Experts , ICT, Statistitians )
- Financial (Donation, Governamental Budget, Endowment, Revenew )
- Forest

# What are the constraints to the implementation of the plan and ways to overcome them?

Constraints	Solutions
Contradiction among Political and Documented guidelines	Harmonization or Flexibility of the Documented Guidelines
Shortage of Staff and Lack of skills	Capacity Building - Remuneration
Poor or inadequate infrastructures and equipments	Investment and Sharing of infrastructures
Finances	Diversify the sources of the budget
Limited and outdated information Degradation of Permanent Sample Plots	Allocate funding for data update and problem solution Join stakeholders efforts (Avoid overlapping)
No Collaboration and data sharing between stakeholders	Integrated platforms (Country database) Communication (Win –Win – Payment)

