Improving forest mapping and monitoring in the Congo Basin

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Need for information for improved forest management

Major obstacles to good forest management:

• Lack of adequate information
• Low capacity to apply info to action on ground
• Little coordination in land-use planning
• Little to no monitoring of how resources are used
In the beginning…
Global Forest Watch Approach

Forest Atlas

Land use allocation + Forest use information

Land use planning

Forest monitoring
Improved information
Improved information
Improved information
Improved information
Impact
Global Forest Watch (GFW) Monthly deforestation alerts

Annual forest change + GLAS data (NASA/UMD)

National forest change data

Forest Land Use Portal “Portal”

REDD+
MRV

Land use planning

COMIFA C (SoF report)

Monitor extractives

Monitor biodiversity

Combat illegal forest loss

Forest / Land use policy

Land use ministries (FLIS)

Forest Land Use Portal

Landscape partners (LSA)

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Forest Transparency Initiative (FTI)

Global Forest Watch (GFW)

Other actors (FAO, JICA, USFS, JGI, RFUK, Moabi)

Forest inventory

Forest carbon data

Community monitoring (crowd sourced)

Community lands

Land use allocation Statistics Relevant legislation Other relevant land use data

Biological surveys Protected area data Community NRM MRV relevant data REDD+ plots SMART data Other relevant data

Management plan data Field observations Compliance data Taxes paid Volume logged Other relevant data

Monthly deforestation alerts Annual forest change + GLAS data (NASA/UMD) National forest change data

Forest / Land use policy

Technical applications

Targeted processes

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Other actors (FAO, JICA, USFS, JGI, RFUK, Moabi)
Better forest information. Better forest management.