REDD+ IN CROSS RIVER STATE: MULTIPLE BENEFITS BEYOND CARBON.

Presented by

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GOAL:

To enable Nigeria to contribute to climate change mitigation through improved forest conservation and enhancing sustainable community livelihoods.

OBJECTIVE:

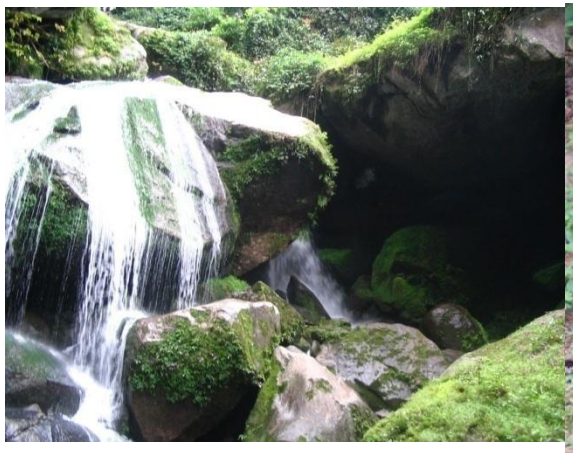
To build the REDD+ mechanism in Nigeria, using Cross River State as a demonstration model.

Why Cross River State as pilot project site

- ✓ Cross River State was selected as the REDD+ pilot in Nigeria based on the State's long history of community-based Sustainable Forest Management which spans over 20 years;
- ✓ The State hosts more than 50% of what is left of Nigeria's Tropical High Forest;
- ✓ The State is also regarded as one of the 25 World Biodiversity hotspots.
- ✓ There is Political will.

Multiple benefit beyond Carbon

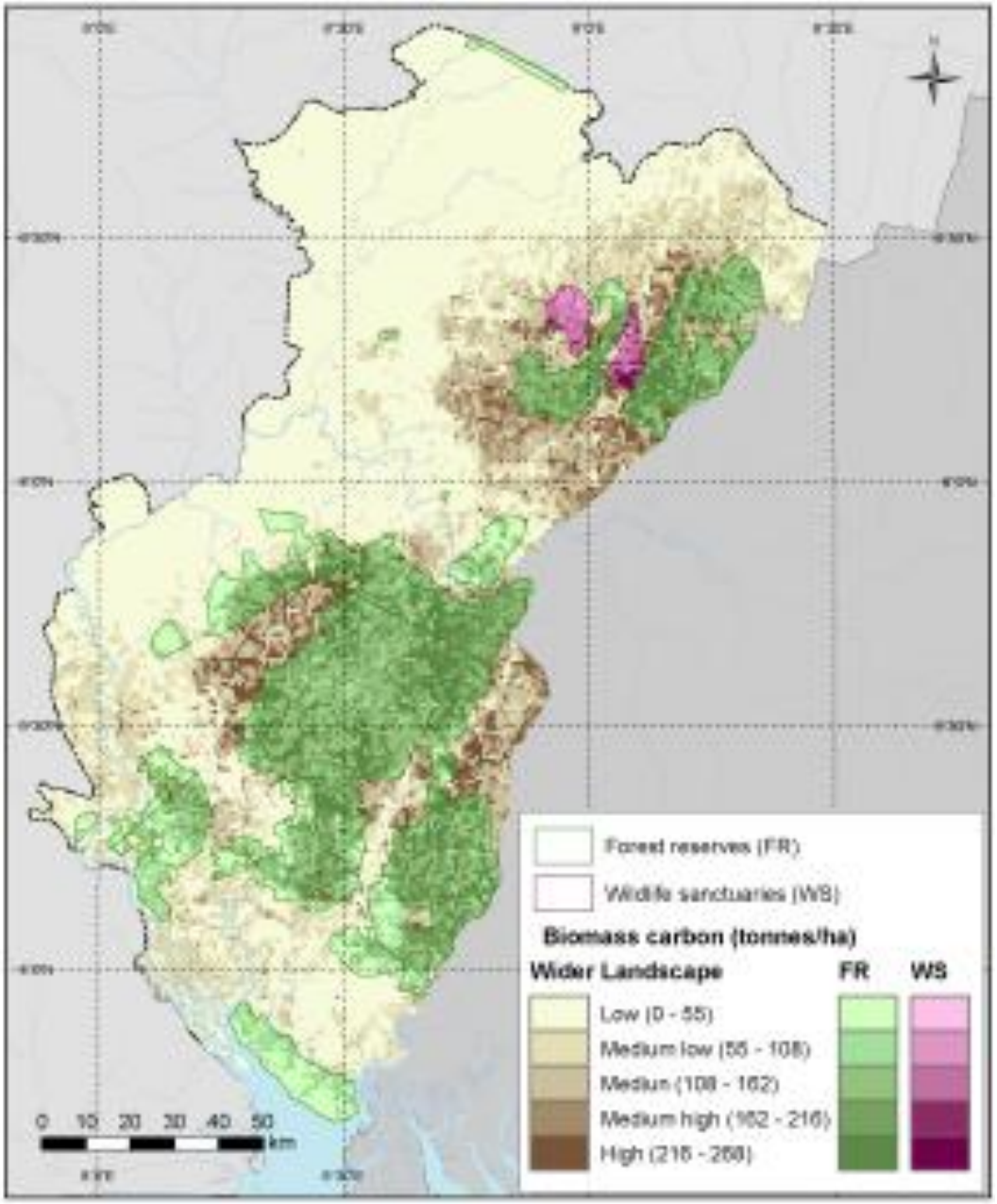
- ✓ REDD+ has the potential to deliver multiple benefits beyond carbon.
- ✓ It can promote biodiversity conservation
- ✓ Secure ecosystem services such as water regulation, erosion control and non-timber forest products enhancement.



Multiple benefit Mapping

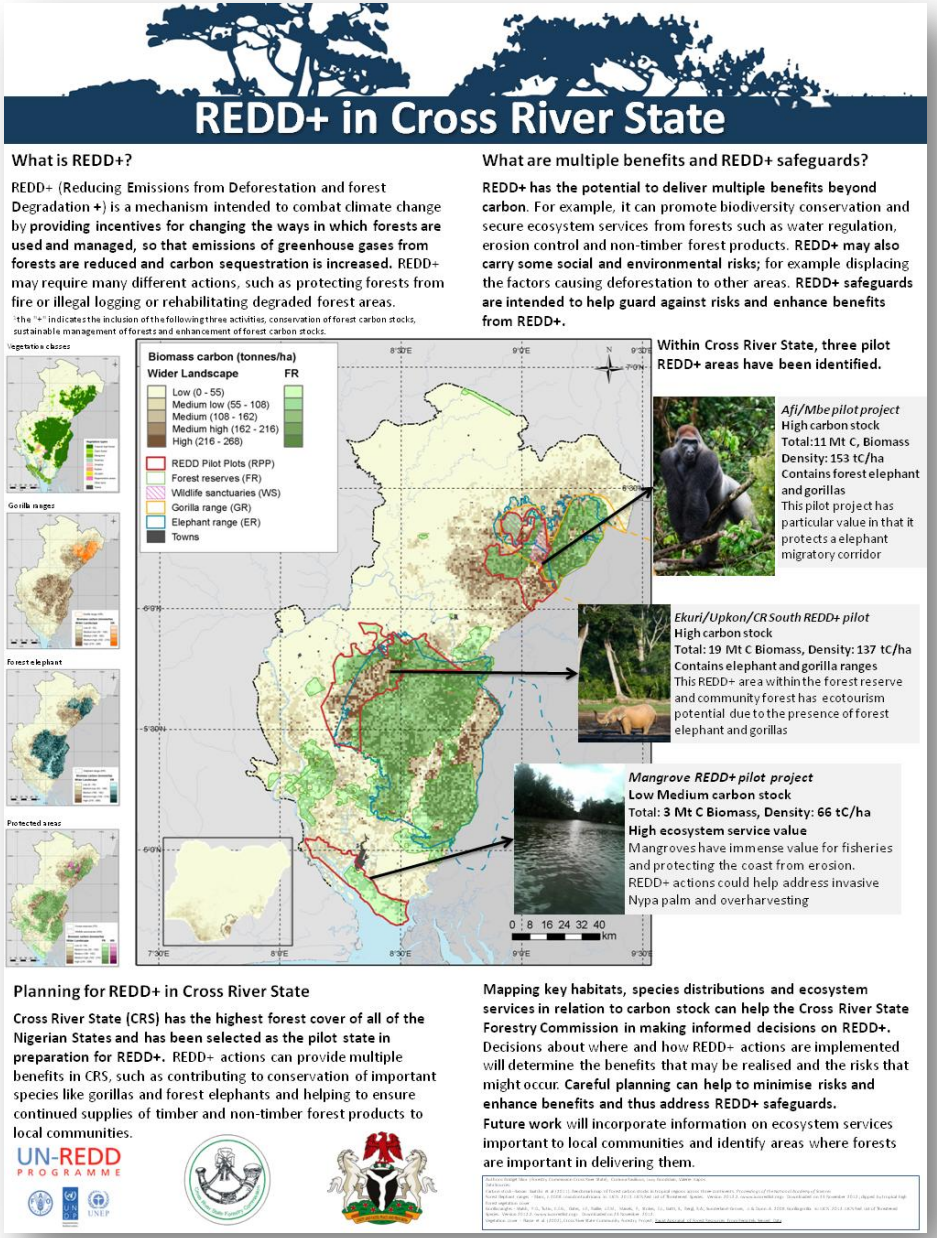
Beyond the carbon where are:

a. The Animals
b. The NTFPs
c. The water resources
d. Erosion prone areas



Why multiple benefit mapping

- ✓ It will enhance planning of REDD activity
- ✓ Important to known where the carbon and biodiversity are under pressure
- ✓ To know what is currently happening in any give area



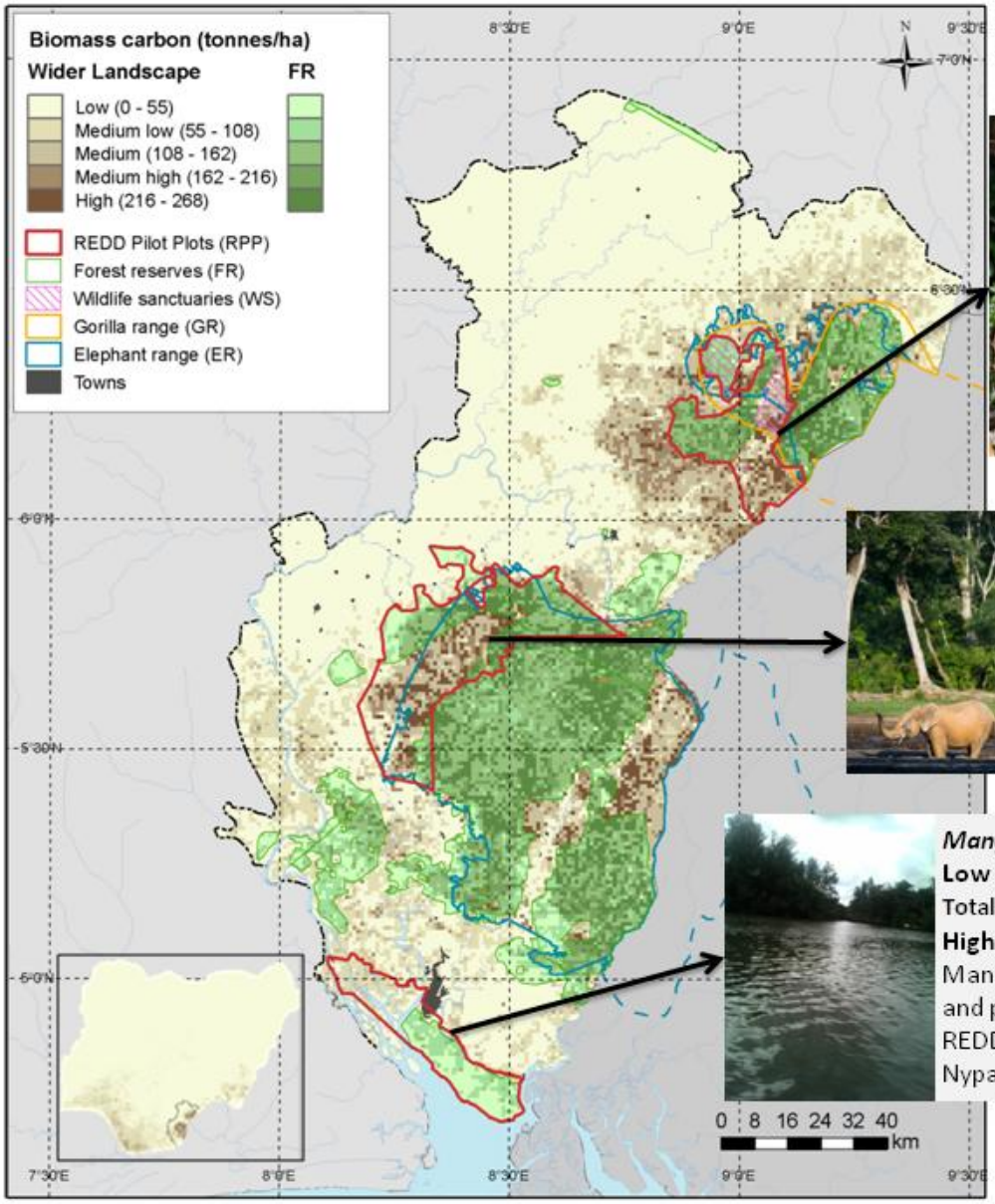
Why multiple benefit mapping

Vegetation classes

Gorilla ranges

Forest elephant

Protected areas



Within Cross River State, three pilot REDD+ areas have been identified.

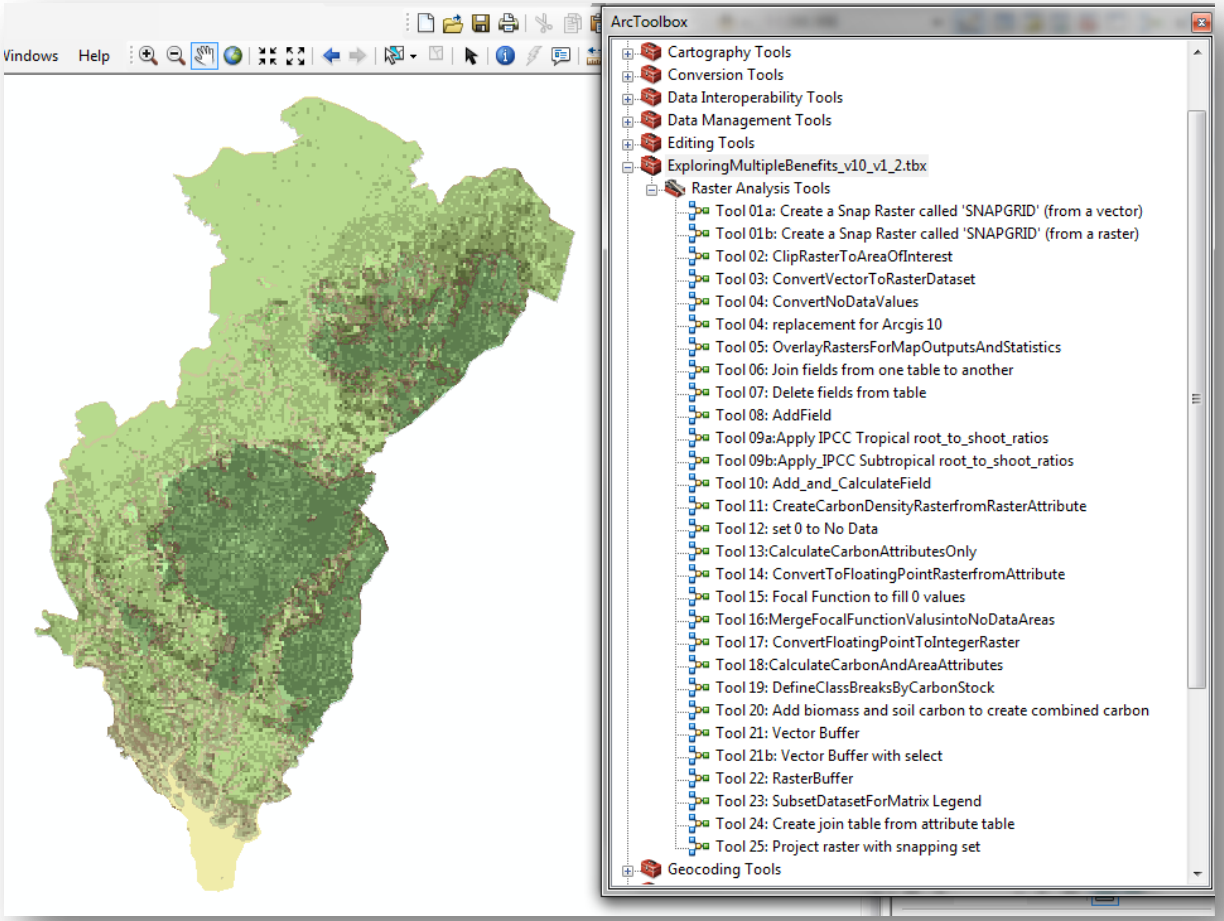
Afi/Mbe pilot project
High carbon stock
Total:11 Mt C, Biomass Density: 153 tC/ha
Contains forest elephant and gorillas
This pilot project has particular value in that it protects a elephant migratory corridor

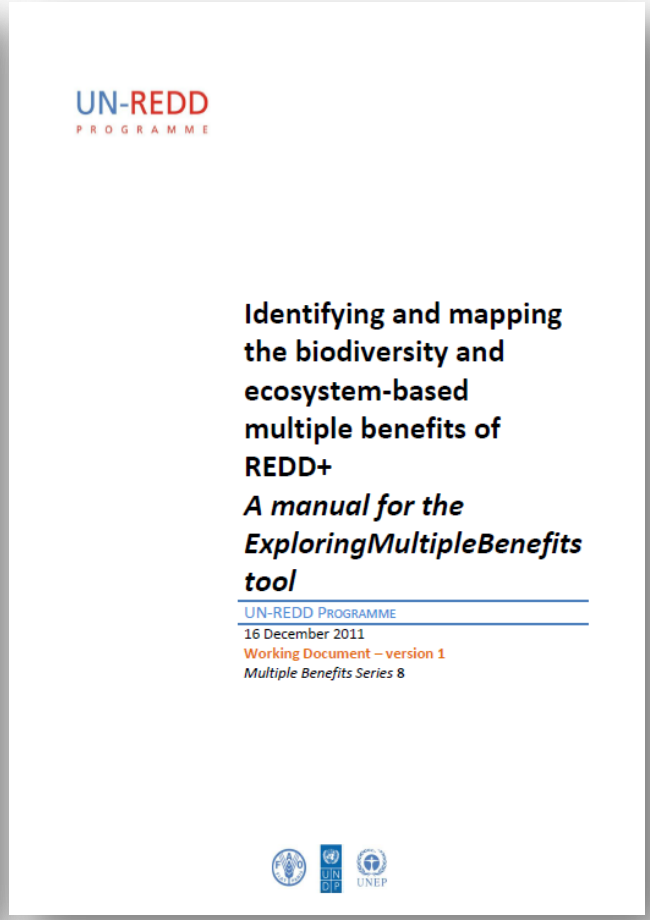
Ekuri/Upkon/CR South REDD+ pilot
High carbon stock
Total: 19 Mt C Biomass, Density: 137 tC/ha
Contains elephant and gorilla ranges
This REDD+ area within the forest reserve and community forest has ecotourism potential due to the presence of forest elephant and gorillas

Mangrove REDD+ pilot project
Low Medium carbon stock
Total: 3 Mt C Biomass, Density: 66 tC/ha
High ecosystem service value
Mangroves have immense value for fisheries and protecting the coast from erosion. REDD+ actions could help address invasive Nypa palm and overharvesting

Tools use in multiple benefit mapping

- Spatial analysis can be carried out using “GIS software”
- Maps were prepared using a special multiple benefits analysis “toolbox” and accompanying manual





Future mapping

Analysis to support safeguard implementation, e.g. where are potential risks from forest removal?

- ✓ Flood prone areas
- ✓ Landslide areas