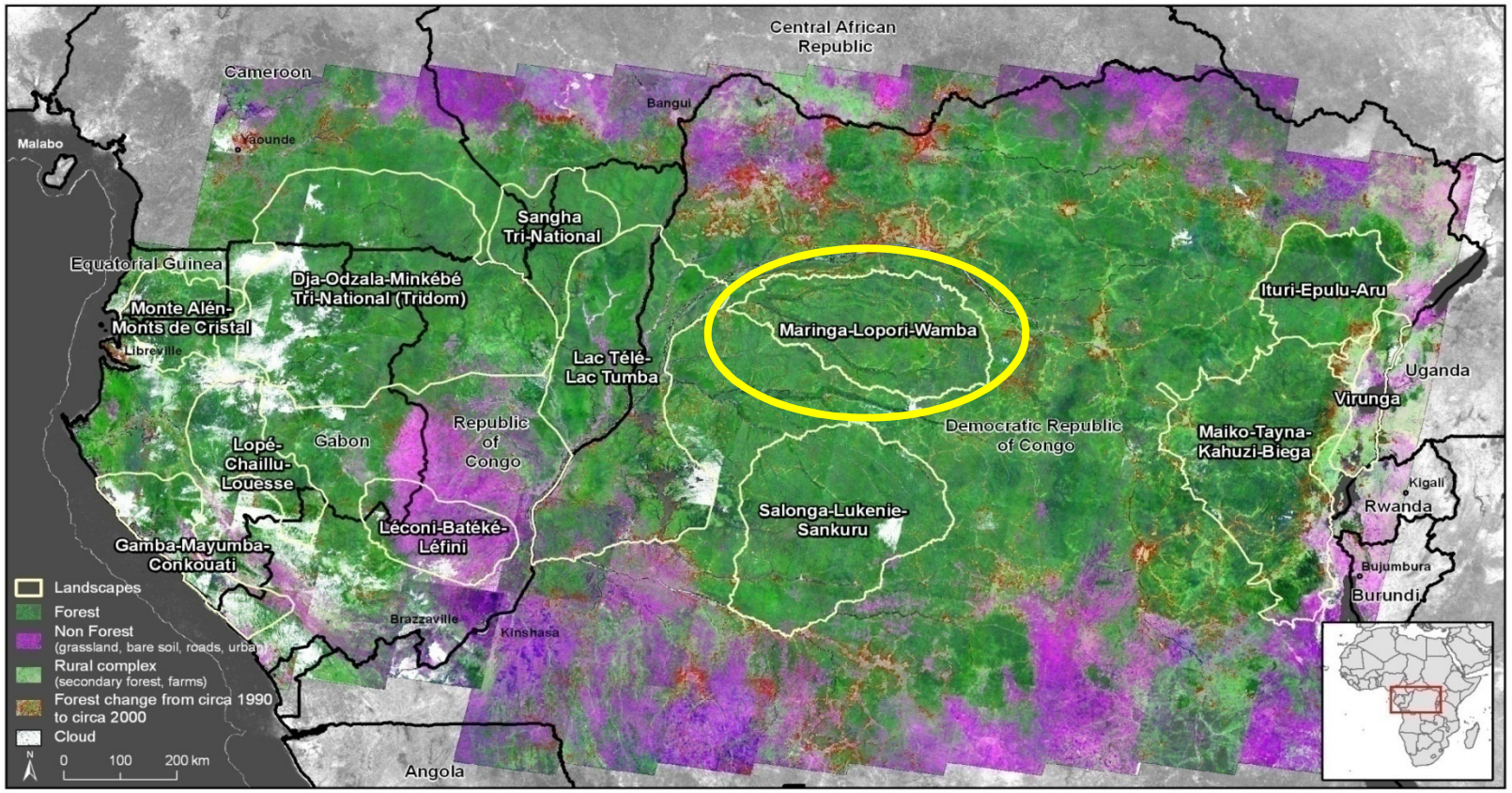
Land Use Planning in the MLW-landscape and its potentials for Carbon Credits.



Jef Dupain[*1], Florence Bwebwe[*1], Charly Facheux[*1], Nicolas Grondard[*2], Janet Nackoney[*3], David Williams[*1], Bruno Guay[*2]

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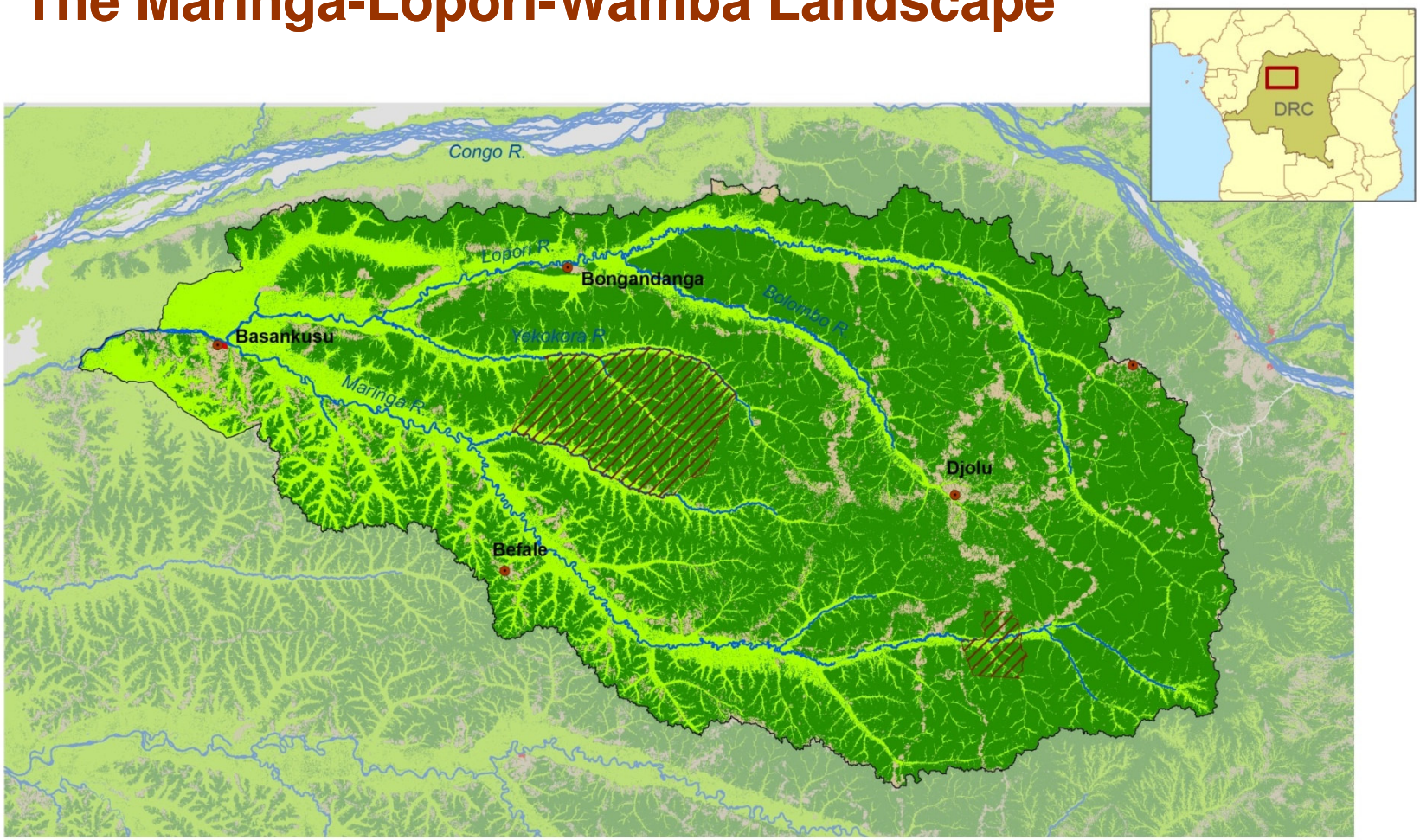
Objectif stratégique CARPE

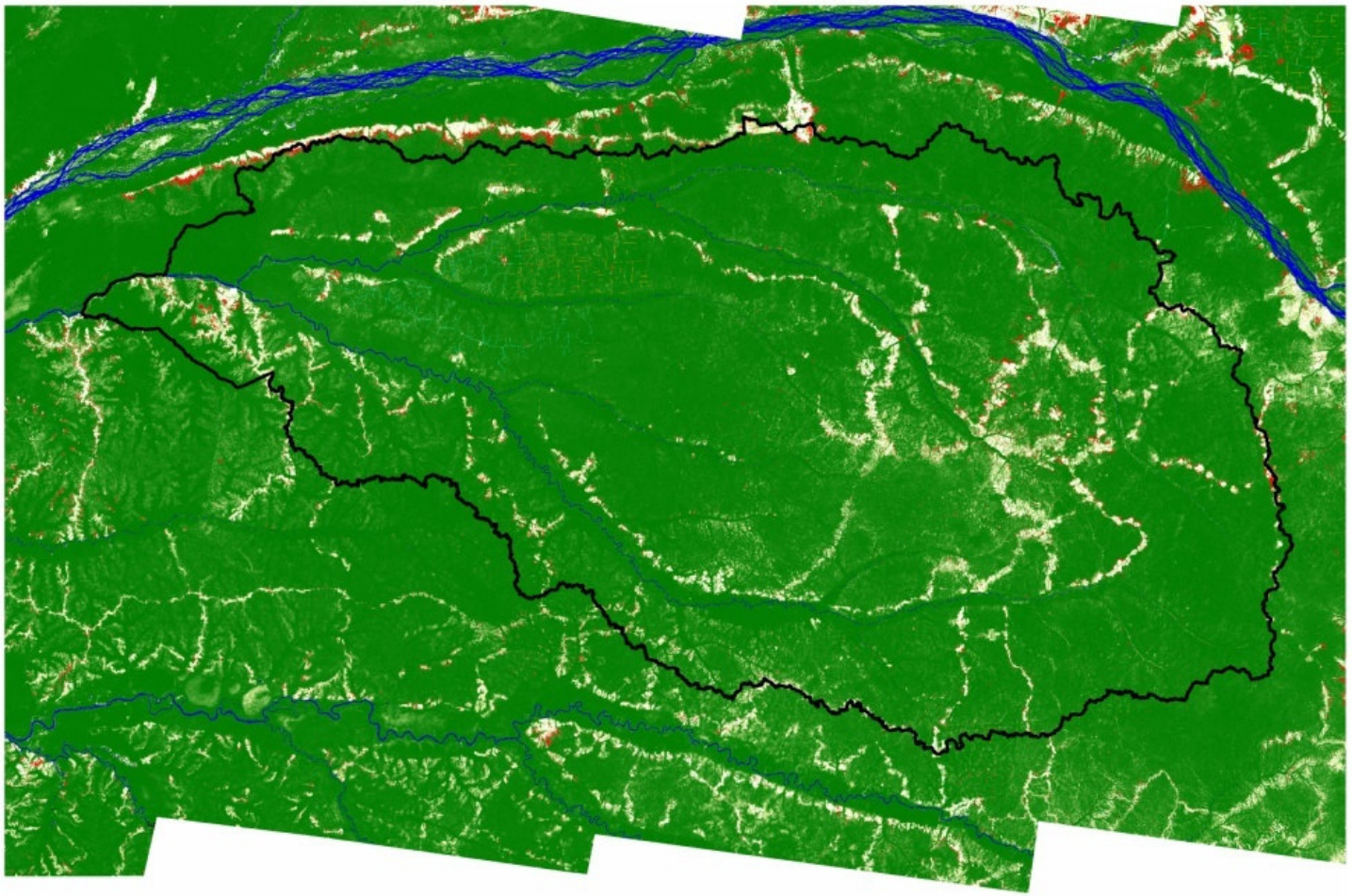
Réduction de destruction de l'habitat et perte de biodiversité par meilleure gestion des ressources naturelles, visant une réduction de pauvreté.

Consortium MLW

The Maringa-Lopori-Wamba Landscape

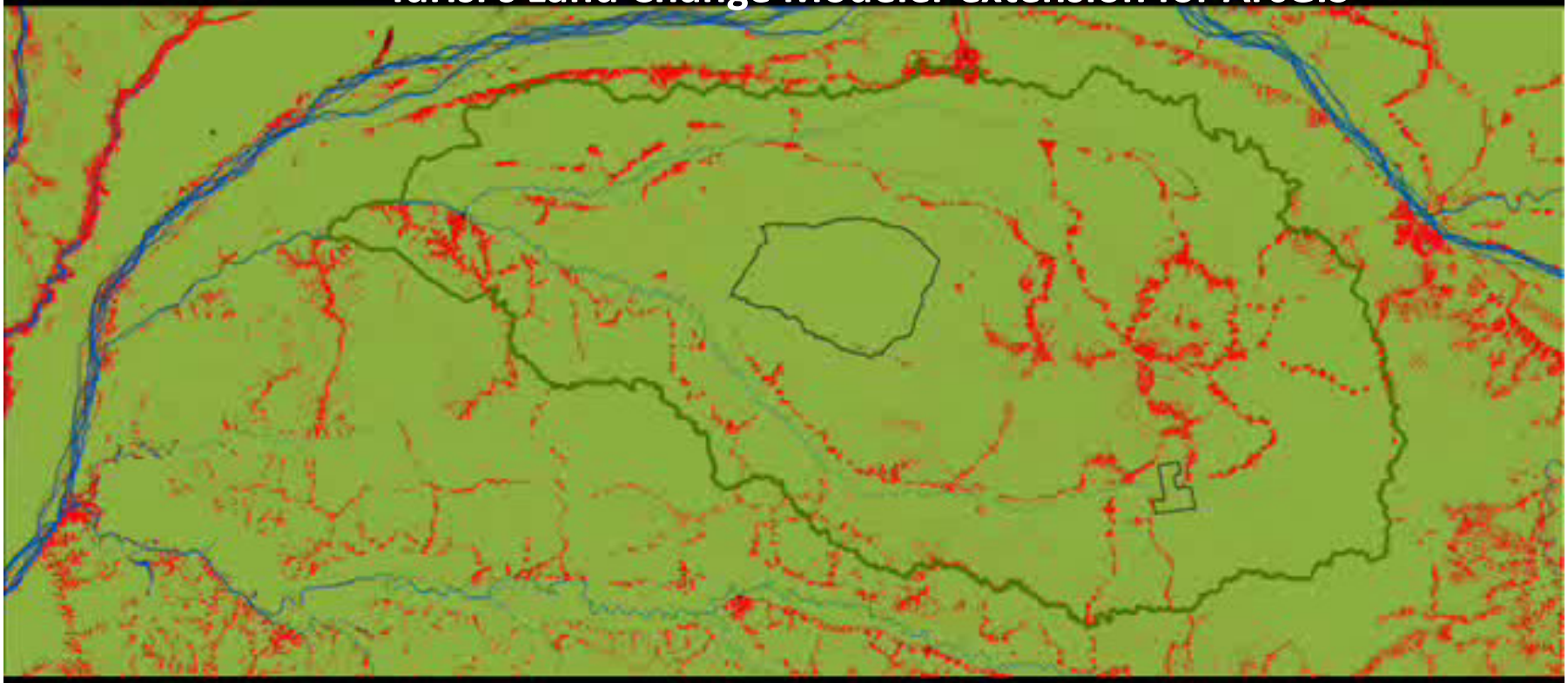


Monitoring Forest Loss



Forest loss from the Decadal Forest Change Mapping (DFCM) program, SDSU and UMD

Projected LUC MLW 2000-2050
Idrisi's Land Change Modeler extension for ArcGIS



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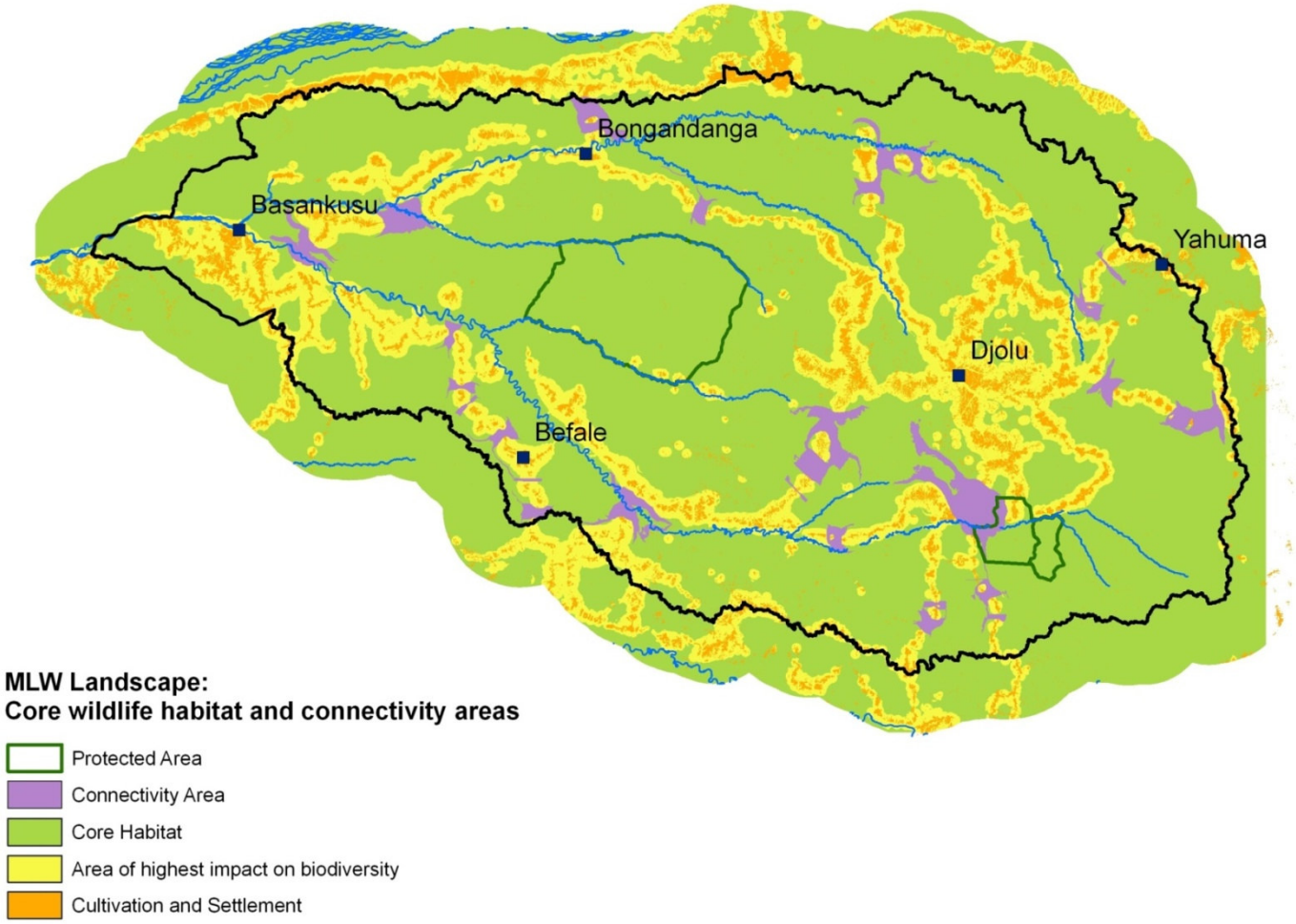
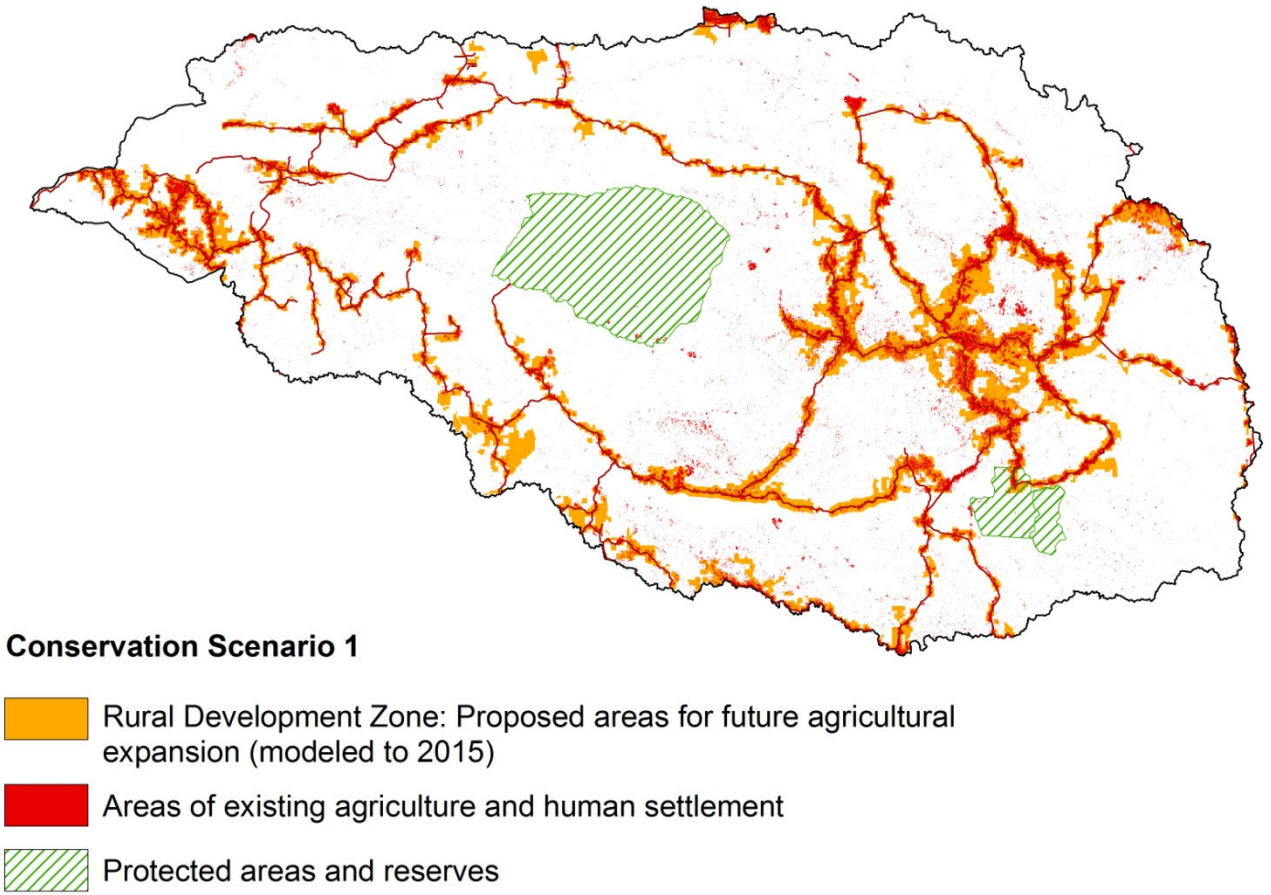
Planification participative d'utilisation des terres

1. Contrôle destruction de l'habitat → zonage de forêt permanente vs. forêt non-permanente;
2. Répondre aux besoins spatiales pour agriculture
3. Assurer viabilité biodiversité: création réseau AP + assurer connectivité

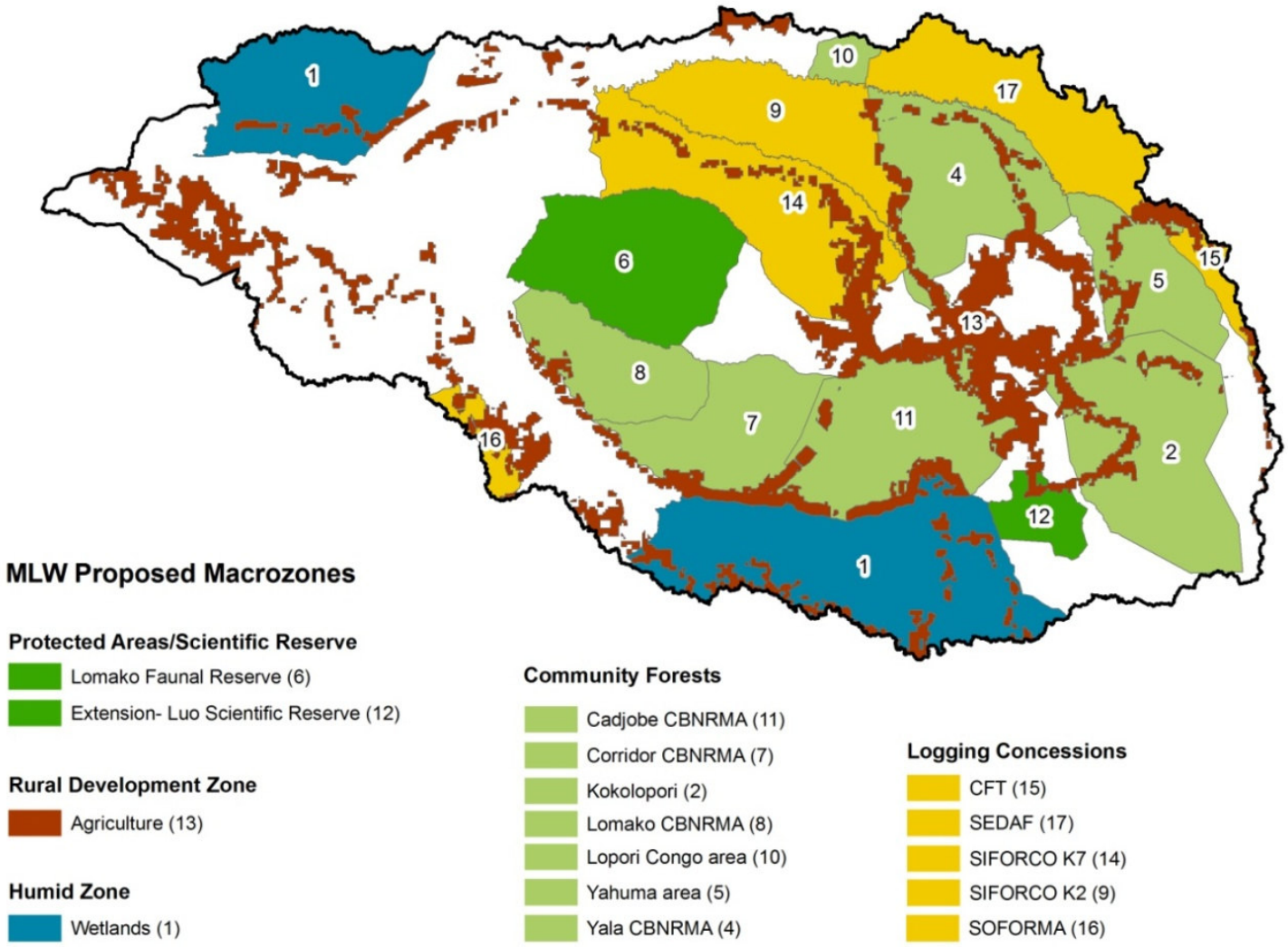


Development of a Land-Use Plan

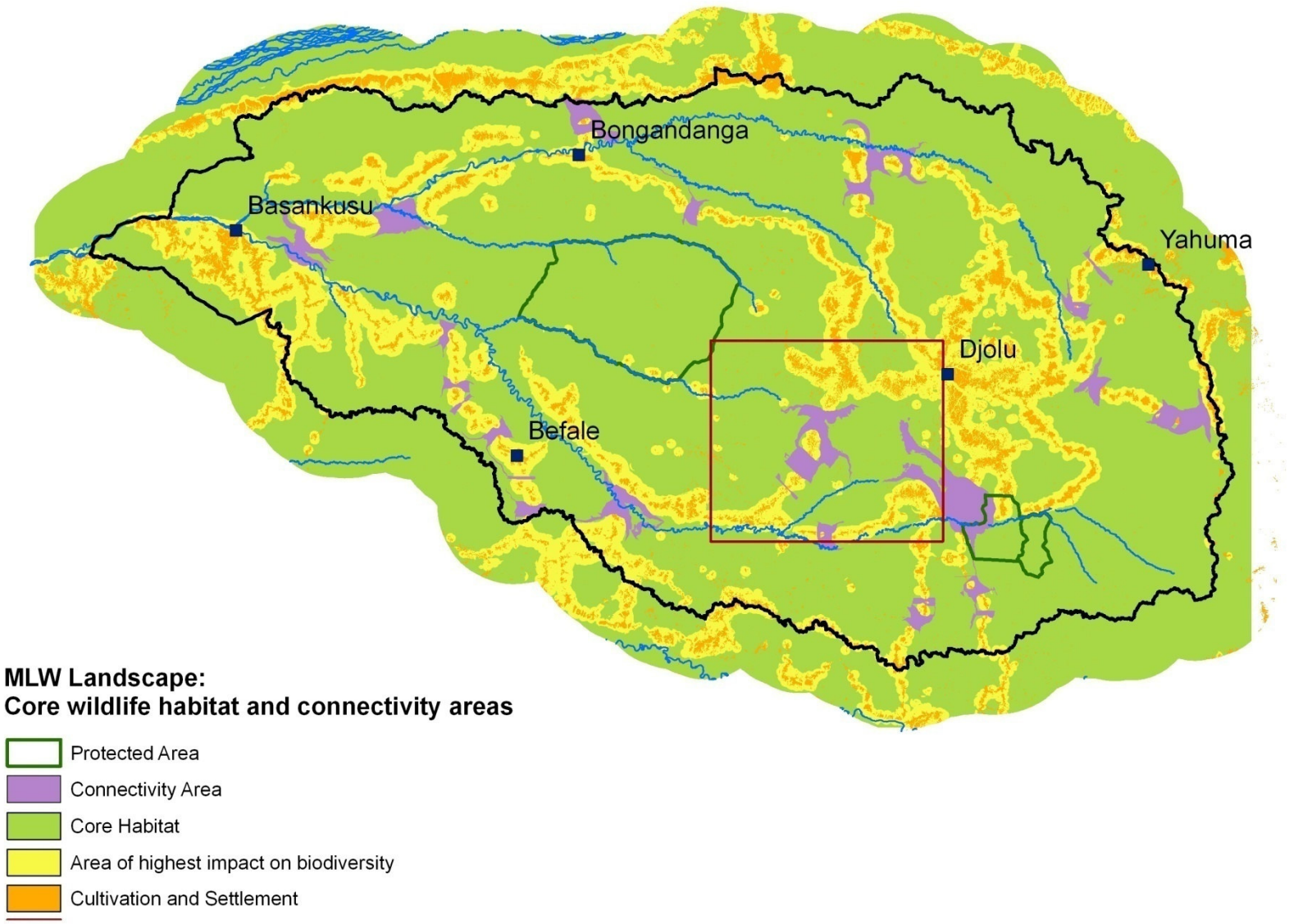
Suitability for future agricultural expansion in MLW, 2015

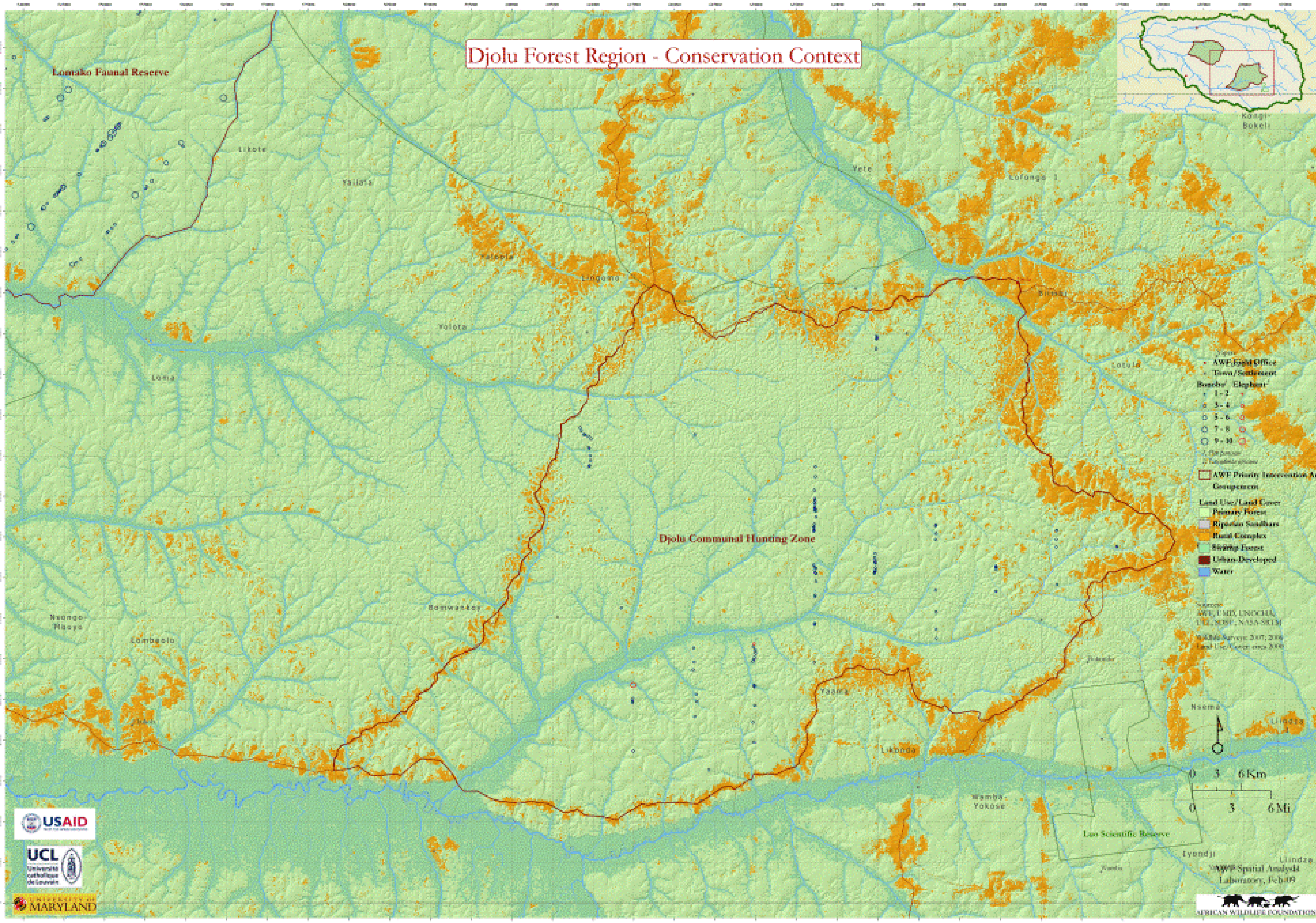


Development of a Land-Use Plan



Future Directions: SOIL





Djolu Forest Region - Conservation Context
Lomako Faunal Reserve
Likote
Yailala
Yalcola
Lingomo
Yolota
Loma
Yete
Lofongo 1
Lotulo
Djolu Communal Hunting Zone
Bomwankoy
Nsongo-Mboyo
Lombeolo
Yaolia
Likonda
Wamba - Yokose
Luo Scientific Reserve
Iyondji
Nsema
Liindza
Kokolopori
Bokeli
AWF Field Office
Town/Settlement
Bonobo Elephant
1 - 2
3 - 4
5 - 6
7 - 8
9 - 10
AWF Priority Intervention Area
Land Use/Land Cover
Primary Forest
Riparian Sandbars
Rural Complex
Swamp Forest
Urban-Developed
Water
Sources:
AWF, UMD, UNOCHA, UCL, SOSP, NASA-SRTM
0 3 6 Km
0 3 6 Mi
AWF Spatial Analysis Laboratory, Feb09
USAID
UCL Université catholique de Louvain
UNIVERSITY OF MARYLAND
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ONFI's input to SOIL

- Identiying REDD project methodologies best suited for the types of activities implemented through SOIL
- Develop a carbon stock monitoring protocol
- Assess the feasibility of transforming SOIL into a REDD (financial sustainability, socio-political feasibility, etc).
- Summarize this information in a project idea note (PIN)