

The Restoration Opportunities Assessment Methodology (ROAM)

Applying ROAM to develope Landscape Management Programmes



Bonn Challenge launched in 2011



A global goal to restore **150 million hectares** of degraded and deforested lands by 2020 now extended to **350 million** hectares by 2030







Restoration Opportunities Assessment Methodology (ROAM)

A framework for assessing national and subnational restoration potential

- It can help governments and institutions:
- Estimate the economics of restoration strategies
- Identify priority landscapes
- Develop national-level strategies
- Provide often-missing data
- Build high-level support



Key aspects of ROAM

Stepwise, iterative, flexible and adaptable to any region or landscape.

Brings people together to <u>identify</u>, <u>negotiate</u>, and <u>implement</u> FLR activities for restoration.

Generates data, robust analysis, decision support, tools

Demand driven – ownership – capacity development



Assessing forest landscape restoration opportunities at the national or sub-national level



ROAM helps you answer the following questions

- 1. <u>Where</u> is restoration socially, economically and ecologically feasible?
- 2. <u>What</u> is the total extent of restoration opportunities in the region?
- 3. <u>Which types of restoration are feasible in different parts of</u> the Country?
- 4. What are the <u>costs and benefits</u>, including carbon storage and ecosystem services, associated with different restoration strategies?
- 5. What <u>policy</u>, financial and social incentives exist or are needed to support restoration?
- 6. Who are the <u>stakeholders</u> with whom we need to engage?
- 7. What options exist to unlock finance for restoration?
- 8. How can we <u>scale up</u> restoration?

Key Outputs of ROAM

A Theory of Change for short-, medium- and long-term landscape restoration

- Institutionalized commitments aligned with user-defined goals of forest landscape restoration
- Inter-sectoral and inter-ministerial cooperation and collaboration
- Multi-scale capacity development
- Technical analysis, evaluation and communication of practical restoration information and knowledge
 - Assessment of degraded land
 - Priority areas for restoration and appropriate intervention types
 - Cost-benefit analysis of restoration scenarios
 - Ecosystem services analysis and optimization
 - Business models and opportunities
 - Financing strategies
- A clear pathway for addressing the drivers of degradation

Key components of ROAM

Drivers of degradation and objectives of FLR	Stakeholder mapping and engagement	Stocktaking of past successes and challenges	
FLR opportunities, priorities and transitions	Economics, ecosystem services, and finance analysis	Social/Cultural aspects of FLR	
Data collection and spatial analysis	Development of FLR action plan and finance strategy	Stakeholder ownership and validation	

Managing the ROAM Process



Coordinating the political components of ROAM

Coordinating the technical components of ROAM



Completing the technical components of ROAM



Coordinating the technical components of ROAM

Institutional Home

ROAM Technical Steering Committee composed of relevant government and non-government stakeholders



Priority areas for Forest landscape restoration



Potential acreage for restoration in each landscape

	Νο	Landscape zonation	Acreage of restoration (Ha)	
	1	Afro-montane	691,161.1	
	2	Karamoja	1,775,156.2	
	3	Lake Victoria crescent	394,491.0	
	4	Northern moist	2,631,314.7	
	5	South East Lake Kyoga flood plain	393,639.5	
	6	Southwest rangeland	1,154,340.1	
IUC		Western mid-altitude	103,9519.5	



Spatial description of landscape

Landscape	Deforested land (ha)	Restoratio n (ha)	Target CFR area (ha)	Total Protected Area within restoration zone (ha)	Restoration Area outside PA (ha)
Northern Moist	4,553,045	2,631,314.7	234,656	705,411	1,925,903.7
Karamoja	684,161	1,775,156.2	332,169	1,061,447	713,709.2

Note: there are several Community Wildlife Conservation areas and private wildlife conservation areas operating with supervision from the UWA.



GOVERNMENT OF UGANDA MINISTRY OF WATER AND ENVIRONMENT



Forest Landscape Restoration Opportunity Assessment for Uganda 2016





FINANCIAL AND ECONOMIC ASSESSMENT OF OREST LANDSCAPE RESTORATION IN UGANDA

POLICY RECOMMENDATIONS FOR INVESTING IN FLR



THANK YOU!

