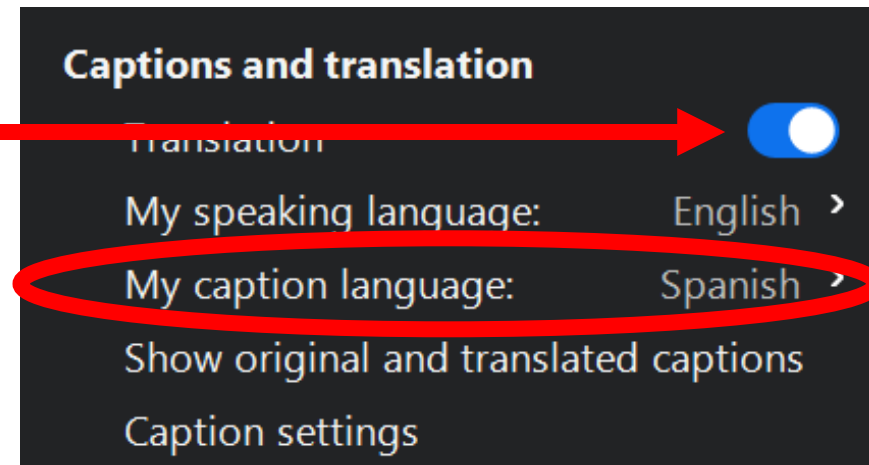
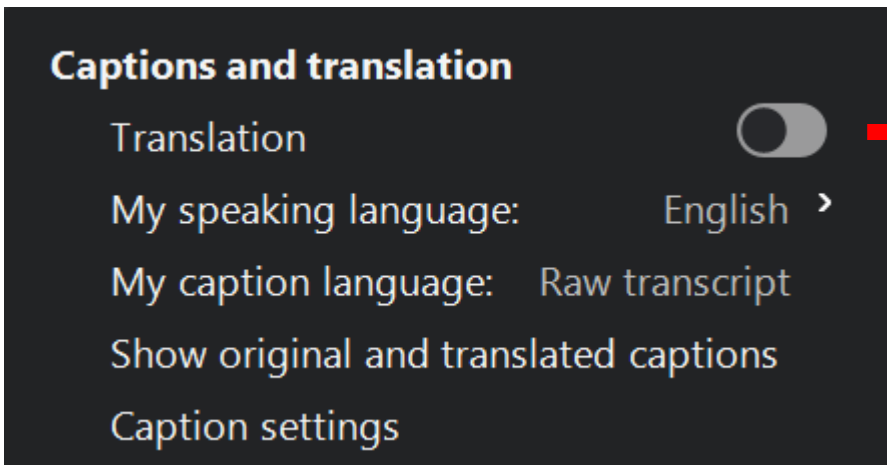


Turning on Live Translations



IUCN and the UN Decade Ecosystem Restoration Hub: Success Stories and Guidance

Africa



UNITED NATIONS DECADE ON
**ECOSYSTEM
RESTORATION**
2021-2030



Webinar Agenda

1. **The UN Decade Ecosystem Restoration Hub Explained**
2. **IUCN Contribution to Ecosystem Restoration – Focus on West and Central Africa**
3. **Project Example: Sahelian Landscapes, a Land of Opportunities – LOGMe I & LOGMe II**
4. **IUCN Contribution to Ecosystem Restoration – Focus on Eastern and Southern Africa**
5. **Project Example: Transforming Rwanda's Eastern Province Through Adaptation (TREPA)**
6. **Project Example: Accelerating Action for Resilience and Innovation in Drought Risk Management (ARID) in Kenya**
7. **Audience Q&A**

Speakers



Balla Sidibe
Regional Director, IUCN West
and Central Africa (PACO)



Alain Ndoli
Regional Programme
Manager, Land Systems, IUCN
ESARO



Olivier Habimana
Regional Programme Delivery
Manager, Drylands Resilience
Programme, IUCN ESARO



Félicité Chabi Gonni
Country Head, IUCN Burkina
Faso



Catherine Mungai
Senior Programme Officer,
Drylands Resilience
Programme, IUCN ESARO



Emily Ngarama Niringiye
Digital Ecosystems Interface
Specialist, UN Decade on
Ecosystem Restoration, UNEP



Katherine Poe
Programme Officer, IUCN
Forest and Grasslands



Audrey Platt
Programme Associate, IUCN
Forest and Grasslands



UNITED NATIONS DECADE ON
**ECOSYSTEM
RESTORATION**
2021-2030



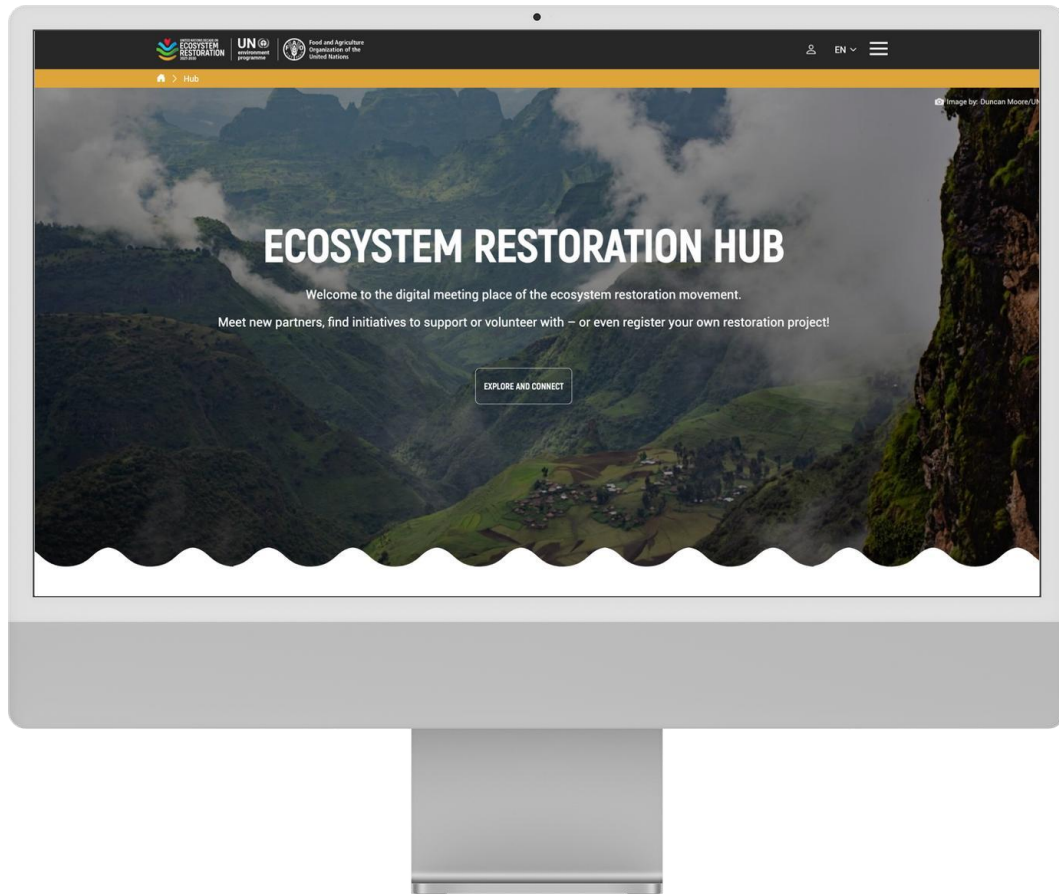
Food and Agriculture
Organization of the
United Nations

ECOSYSTEM RESTORATION HUB

UN Decade on Ecosystem Restoration

Connecting the #GenerationRestoration movement

FROM ONLINE ENTHUSIASM TO ACTION ON THE GROUND



Addressing the No. 1 question by journalists and the general public: *Where is all this restoration happening?*

- Connecting the UN Decade on Ecosystem Restoration Community through a digital meeting place. To each other and the world.
- It aims to help achieve the target of restoring (at least) 1 billion hectares of degraded ecosystems on every continent and in every ocean by 2030.

TRACKING THE GLOBAL MOVEMENT

33,311,463*



HECTARES UNDER RESTORATION

1,173,387



PEOPLE RESTORING

108

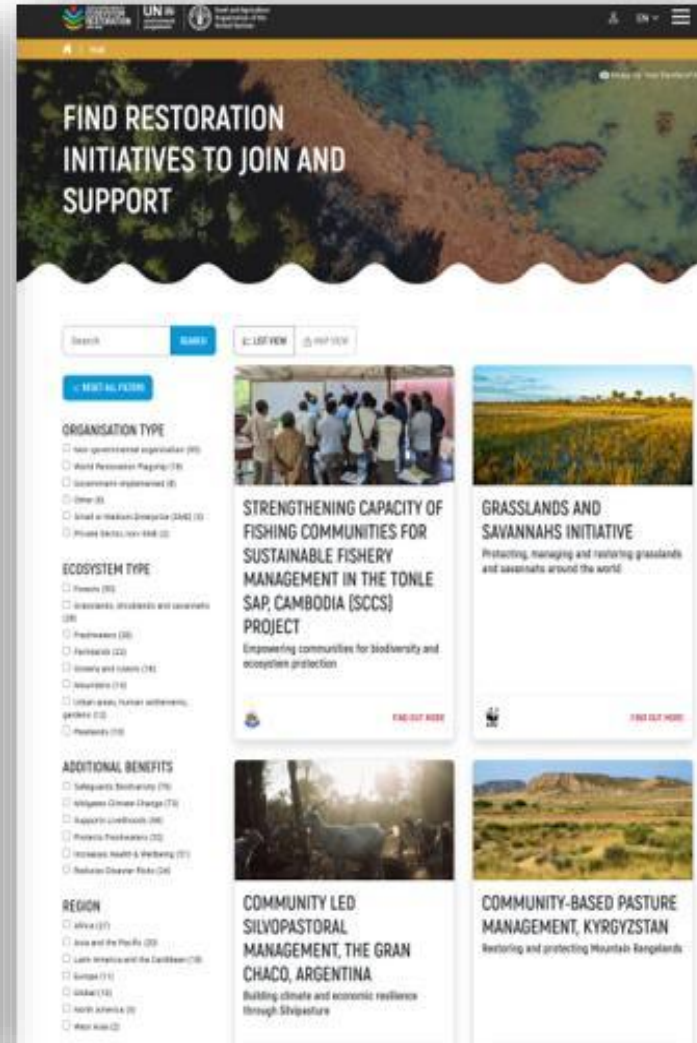
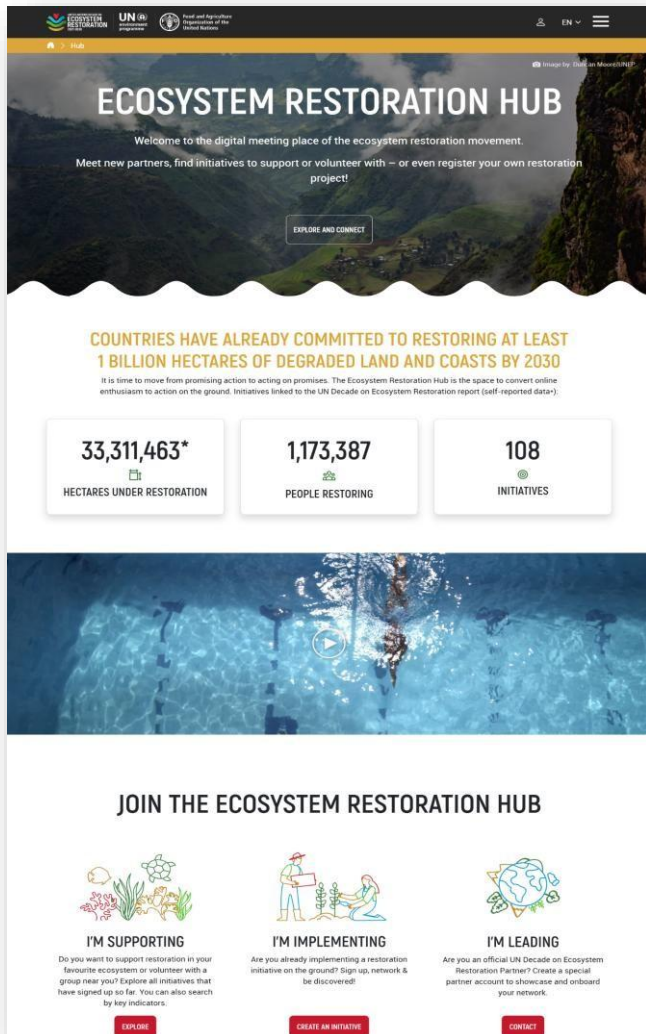


INITIATIVES

The platform tracks and shows the progress of the #GenerationRestoration movement.
The Ecosystem Restoration Hub connects individuals, organizations, and initiatives that are preventing, halting and reversing the degradation of ecosystems around the globe.

It follows a **layered process of approval**, to account for both “mass movement” and “quality assessment”

THREE ACTIONS



Discover and explore inspiring restoration initiatives and register your own.

- **GET DISCOVERED:** Users can register their restoration initiatives to gain increased exposure.
- **SUPPORT:** Users can search for initiatives to endorse, fund, or volunteer with.
- **CONNECT:** users can expand their networks by engaging with new partners and initiatives.

USERS



1. Referring Partners

Organizations that direct others to join or support ecosystem restoration initiatives. They are official UN Decade Partners (starting at “supporting partner” level).



2. Implementers

Organizations or individuals actively involved in carrying out on-the-ground restoration initiatives.



3. Supporters

Organizations or individuals interested in ecosystem restoration and would like to get involved with different initiatives.

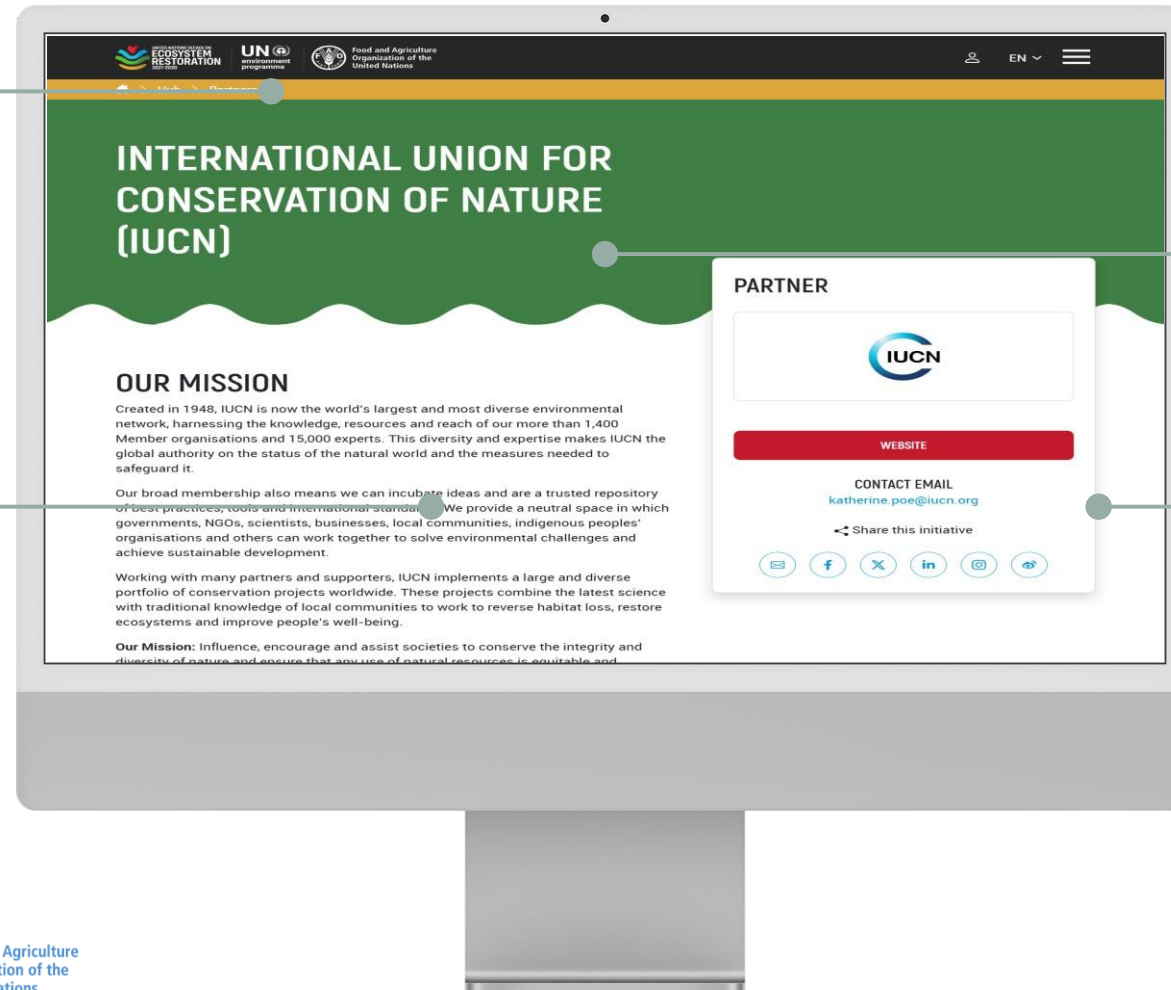
1. REFERRING PARTNERS

Role

They engage with their network to onboard their initiatives and actively participate as peer reviewers.

Special Partner Account

This allows them to introduce and highlight their networks engaged in restoration.



UN Decade Official Partners

- Lead Agencies
- Task Forces
- Collaborating Agencies
- Global Partners
- Supporting Partners

Benefit

Recognition of efforts and increased network visibility.

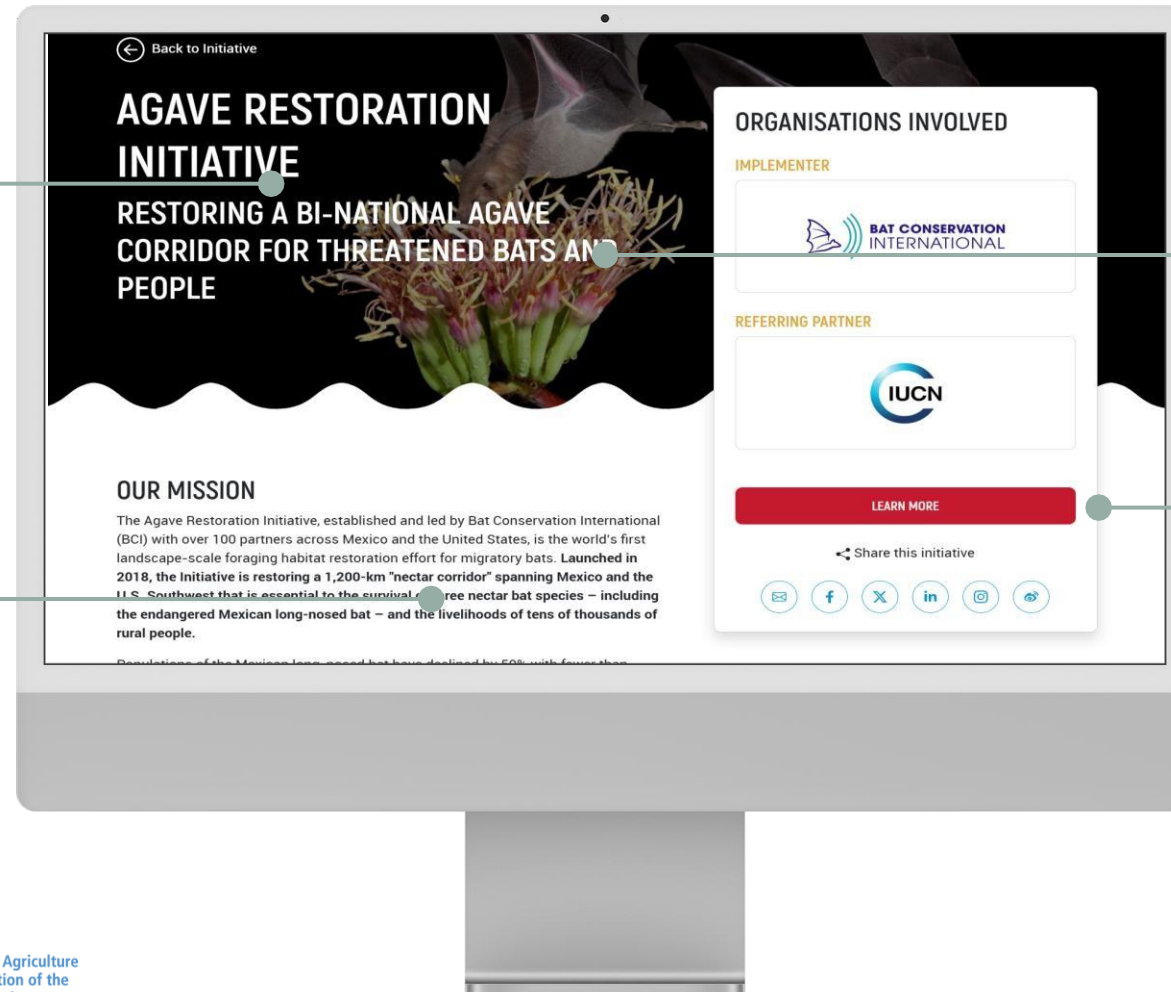
2. IMPLEMENTERS

Role

Organizations or individuals engaged in implementing restoration projects on-site.

Implementer Account

Their proposals are submitted, then approved by both their Referring Partner and UNEP through a double verification process before being published.



Endorsed by a Referring Partner's network
Details about the partner, such as the initiatives they support.

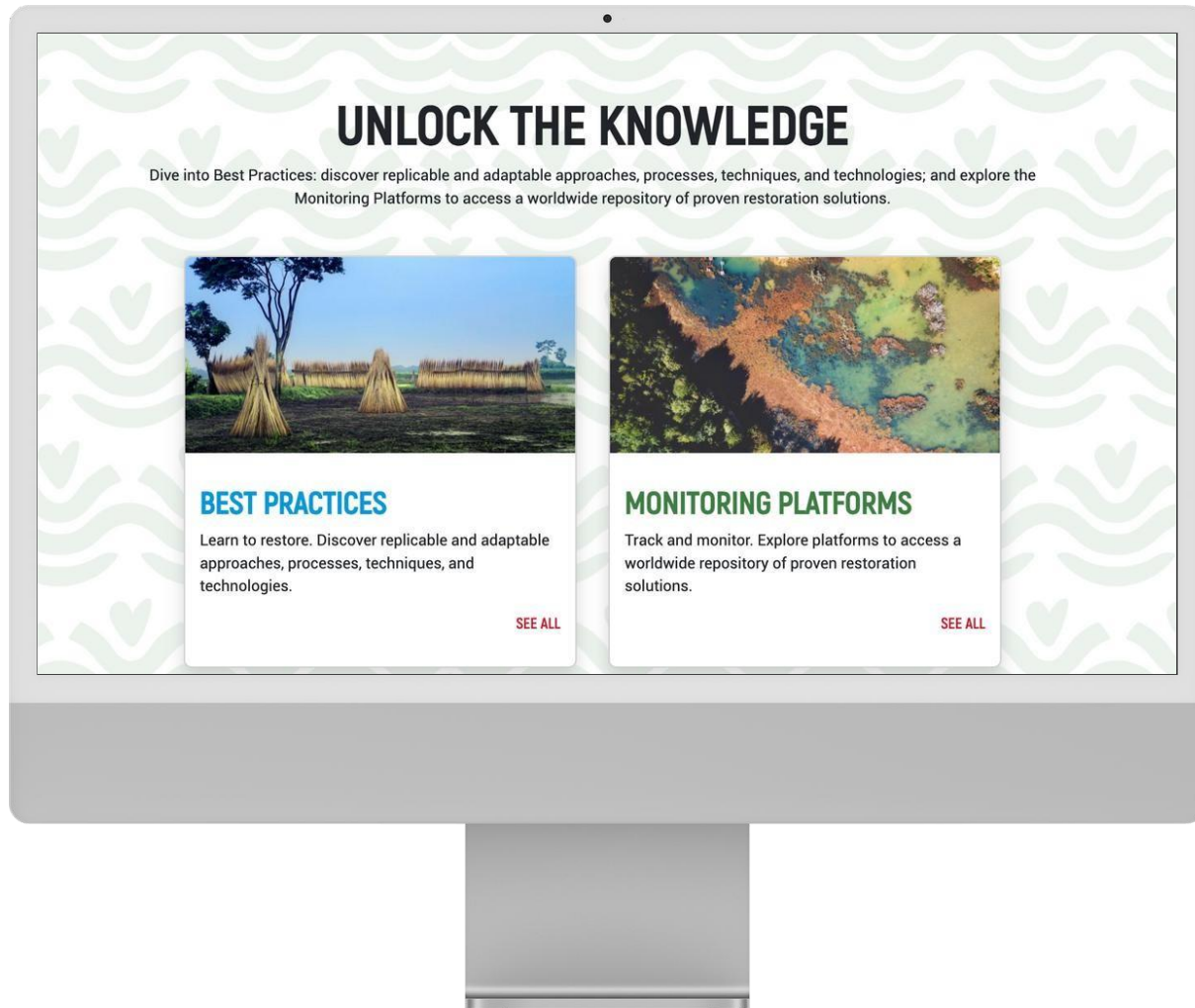
Benefit
Increasing initiative visibility and connections.

Knowledge Hub

BEST PRACTICES & MONITORING PLATFORMS

The UN Decade website currently acts as a vibrant and successful platform for sharing content from our partners. The upgraded digital hub will provide advanced features and capabilities.

It will present cutting-edge science, data, techniques, and methods for ecosystem restoration.

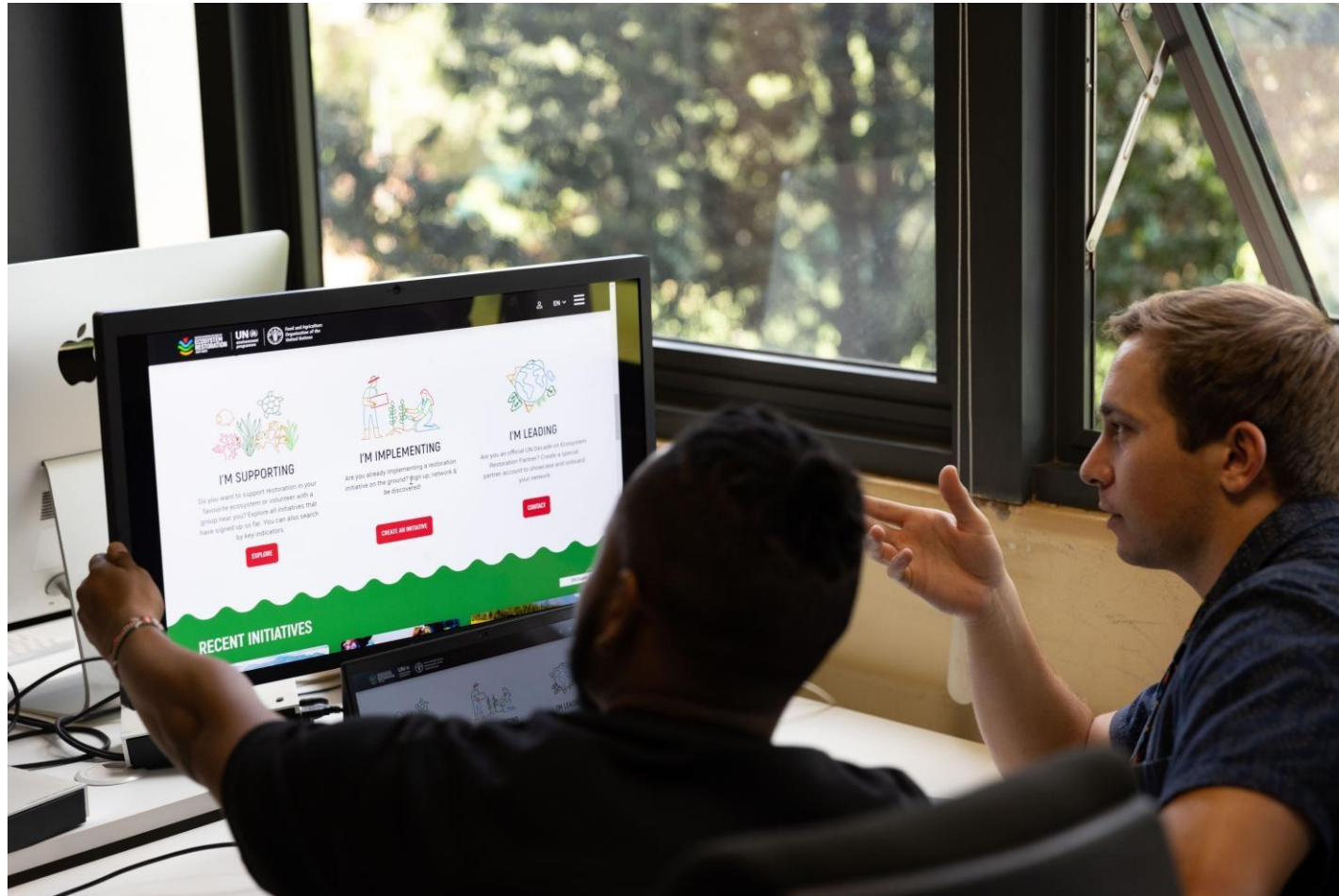


FRAMEWORK FOR ECOSYSTEM RESTORATION MONITORING (FERM)



- A **registry** of restoration initiatives and their good practices from all ecosystems.
- A **geospatial tool** for visualizing restoration data.
- A **search engine** for consulting good practices on ecosystem restoration.

HOW TO SHARE YOUR INITIATIVE



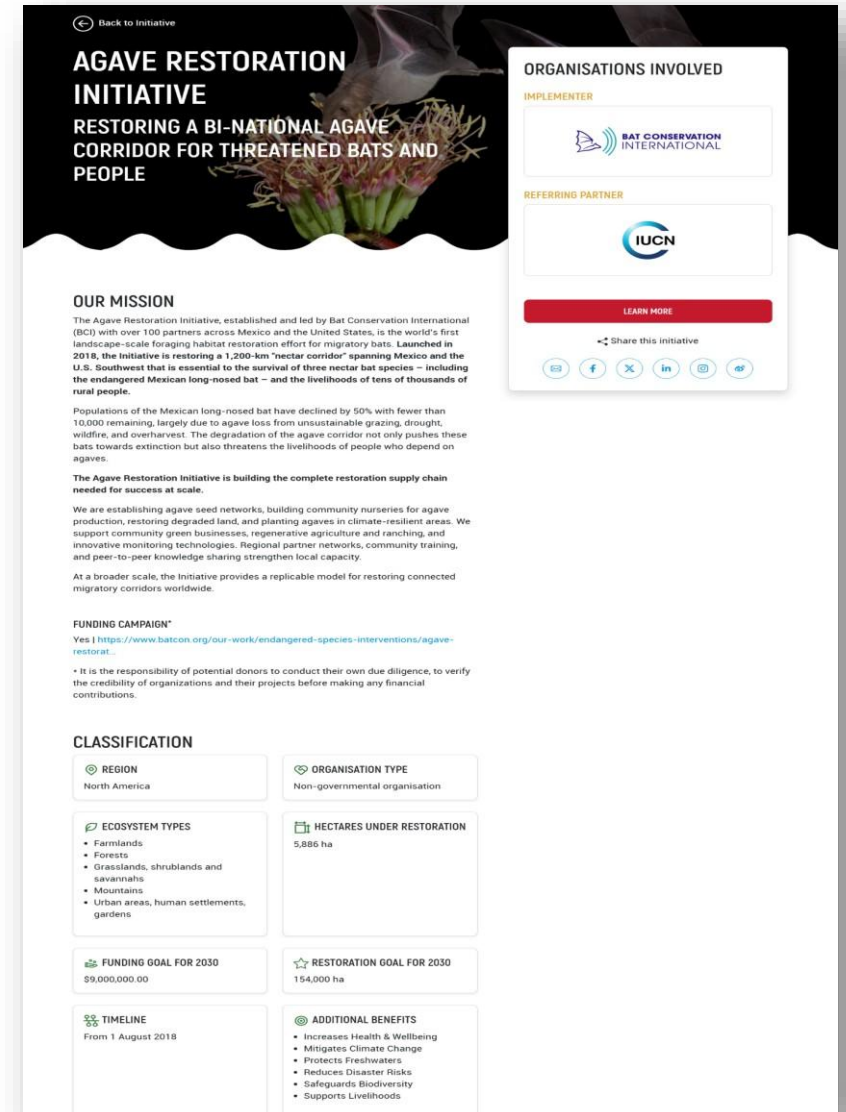
- Go to:
<https://hub.decadeonrestoration.org/user/register>
- Fill in your details, using your official email address
- Click 'Create new account'
- Check your inbox for the verification email.
- Use the one-time login link to complete your bio
- Click 'Save'
- **Log in and register your initiative!**

HOW TO SHARE YOUR INITIATIVE (Cont)

When uploading your initiative, you'll share:

- Your mission;
- Donor and partner info;
- The geographic and ecosystem scope;
- Country/countries where the initiative is being implemented
- Area under restoration
- Environmental and socioeconomic benefits;
- Fundraising goals (If any)
- etc

***Before an initiative is published, it undergoes a 2-step verification.**



[← Back to Initiative](#)

AGAVE RESTORATION INITIATIVE

RESTORING A BI-NATIONAL AGAVE CORRIDOR FOR THREATENED BATS AND PEOPLE

ORGANISATIONS INVOLVED

IMPLEMENTER

 BAT CONSERVATION INTERNATIONAL

REFERRING PARTNER

 IUCN

[LEARN MORE](#)

[Share this initiative](#)

[Facebook](#) [Twitter](#) [LinkedIn](#) [Instagram](#) [YouTube](#)

OUR MISSION

The Agave Restoration Initiative, established and led by Bat Conservation International (BCI) with over 100 partners across Mexico and the United States, is the world's first landscape-scale foraging habitat restoration effort for migratory bats. Launched in 2018, the Initiative is restoring a 1,200-km "nectar corridor" spanning Mexico and the U.S. Southwest that is essential to the survival of three nectar bat species – including the endangered Mexican long-nosed bat – and the livelihoods of tens of thousands of rural people.

Populations of the Mexican long-nosed bat have declined by 50% with fewer than 10,000 remaining, largely due to agave loss from unsustainable grazing, drought, wildfire, and overharvest. The degradation of the agave corridor not only pushes these bats towards extinction but also threatens the livelihoods of people who depend on agaves.

The Agave Restoration Initiative is building the complete restoration supply chain needed for success at scale.

We are establishing agave seed networks, building community nurseries for agave production, restoring degraded land, and planting agaves in climate-resilient areas. We support community green businesses, regenerative agriculture and ranching, and innovative monitoring technologies. Regional partner networks, community training, and peer-to-peer knowledge sharing strengthen local capacity.

At a broader scale, the Initiative provides a replicable model for restoring connected migratory corridors worldwide.

FUNDING CAMPAIGN*

Yes! <https://www.batcon.org/our-work/endangered-species-interventions/agave-restoration>

* It is the responsibility of potential donors to conduct their own due diligence, to verify the credibility of organizations and their projects before making any financial contributions.

CLASSIFICATION

REGION North America	ORGANISATION TYPE Non-governmental organisation
ECOSYSTEM TYPES • Farmlands • Forests • Grasslands, shrublands and savannahs • Mountains • Urban areas, human settlements, gardens	HECTARES UNDER RESTORATION 5,886 ha
FUNDING GOAL FOR 2030 \$9,000,000.00	RESTORATION GOAL FOR 2030 154,000 ha
TIMELINE From 1 August 2018	ADDITIONAL BENEFITS • Increases Health & Wellbeing • Mitigates Climate Change • Protects Freshwaters • Reduces Disaster Risks • Safeguards Biodiversity • Supports Livelihoods

FOR MORE INFORMATION

Read our dedicated FAQ page:

<https://hub.decadeonrestoration.org/faq>

Watch the video guide: <https://youtu.be/fkT0-4NpCgA>

- **Email us:**
- restorationdecade@un.org
- emilly.niringiye@un.org





Food and Agriculture
Organization of the
United Nations

Thank you!
Join #GENERATIONRESTORATION
Visit: hub.decadeonrestoration.org

**The IUCN Central and West Africa Programme and the challenges of
ecosystem restoration**

UN Decade Ecosystem Restoration



UNITED NATIONS DECADE ON
**ECOSYSTEM
RESTORATION**
2021-2030



IUCN Central & West Africa Programme Overview

IUCN's Leadership Role in the Region

IUCN is a global leader in conservation and sustainability driving ecosystem restoration efforts worldwide

Regional Ecosystem Challenges

The programme addresses ecosystem degradation challenges specific to Central and West Africa's diverse environments

Linking Local to Global Goals

Efforts in Central and West Africa contribute to global targets like climate resilience and biodiversity conservation

Balanced Challenges and Opportunities

The programme highlights both the urgent challenges and promising opportunities in ecosystem restoration.



Regional Context

Geographic and Ecological Diversity

The region spans 24 countries with diverse ecosystems such as the Sahel, coastal zones, and significant forest areas like the Congo Basin

Environmental Vulnerabilities

The Sahel faces desertification while coastal zones are exposed to erosion and climate change impacts, highlighting urgent environmental challenges

Restoration Challenges and Opportunities

Diverse ecosystems require tailored restoration strategies, presenting complex challenges but multiple entry points for meaningful action

Regional Importance

Central and West Africa is a priority for ecosystem restoration due to its ecological richness and global environmental significance



Challenges & Drivers – Why Ecosystem Restoration Matters

Desertification in Sahel

The Sahel region faces severe land degradation threatening food security and local livelihoods



Coastal Erosion Risks

Coastal areas are increasingly vulnerable to erosion and rising sea levels due to climate change



Biodiversity and Ecosystem Role

Central and West Africa's ecosystems are vital for global biodiversity and ecological balance



Integrated Restoration Solutions

Addressing climate resilience, biodiversity, and community wellbeing requires integrated restoration efforts

Challenges & Drivers – Key Drivers of Land Degradation



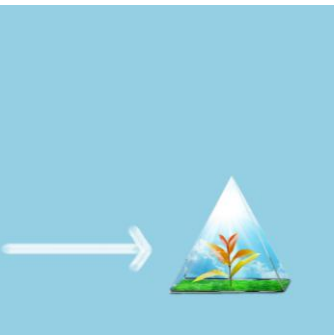
Human-Induced Pressures

Deforestation and overgrazing are major human activities leading to land degradation by harming ecosystem balance



Environmental Drivers

Climate change intensifies droughts and extreme weather, worsening the degradation of vulnerable ecosystems



Interconnected Challenges

Human and environmental drivers interact, creating a complex cycle that demands holistic restoration efforts

Impact of Ecosystem Degradation

Biodiversity Loss

Loss of species and ecological functions harms agriculture, water regulation, and climate stability.

Reduced Ecosystem Resilience

Ecosystems lose ability to recover from droughts and floods, causing long-term environmental damage.

Increased Climate Vulnerability

Weakened ecosystems fail to protect communities from extreme weather, worsening social impacts.

Human Wellbeing Impacts

Ecosystem degradation threatens food security, income stability, and public health worldwide.



PACO Contribution to Restoration



Ecosystem Restoration

PACO focuses on rehabilitating degraded landscapes to enhance biodiversity and ecosystem health



Sustainable Land Management

Promotes efficient resource use that maintains long-term productivity without damage



Strengthening Governance

Improves policies, community engagement, and institutional capacity to manage natural resources

Outcomes & Future Directions

Urgency of Restoration

Ecosystem restoration is essential for sustainability and resilience in Central and West Africa

Call for Partnerships

Strong partnerships and collective leadership are crucial for successful restoration efforts

Audience Engagement

Directly engaging the audience creates shared responsibility and motivates action

Effective Conclusion

Ending with a call to action and thank you message leaves a lasting, professional impression



Sahelian Landscapes, a Land of Opportunities – LOGMe I & LOGMe II

UN Decade Ecosystem Restoration Hub



UNITED NATIONS DECADE ON
**ECOSYSTEM
RESTORATION**
2021-2030



Speaker Bio

Ms. Félicité Chabi Gonni is the head of Programme of IUCN Burkina Faso. She is a rural equipment engineer with over 20 years of experience in programme management, resource mobilization, monitoring and evaluation, and capacity development.

Her expertise covers sustainable land management, climate change, integrated water resources management, nature-based solutions, agriculture, rural infrastructure, and WASH. She previously coordinated the regional LOGMe project at IUCN, supporting ecosystem restoration and livelihood resilience across several Sahelian countries.

She has worked with major partners including GM/UNCCD, GEF, GCF, the World Bank, the European Union, Sida, DANIDA, UNEP, and the Adaptation Fund.



Mission

Restore degraded Sahelian landscapes while creating land-based jobs, income opportunities and resilient livelihoods.

Scale up proven LOGMe approaches from Burkina Faso, Ghana and Niger to five countries under LOGMe II, through sustainable land and water management, agroforestry, reforestation and climate-smart agriculture.

Combine restoration, renewable energy, inclusive value chains and capacity building to strengthen rural livelihoods, especially for women and youth.

Support local governance, Land Degradation Neutrality, evidence-based restoration planning and community ownership, placing women, youth, producers and local authorities at the centre of restoration.



Partners and Donors

Donor and strategic leadership

Donor: Italian Ministry of Environment and Energy Security (MASE).

Strategic oversight: UNCCD / Global Mechanism.

Implementation and coordination: IUCN regional PMU and country teams.

Country implementation ecosystem

UNCCD national focal institutions, technical ministries and local authorities.

Research, civil society and community partners, including ASUDEEC, INERA, EPA, WRC, CSIR-SARI, A Rocha Ghana, INRAB and Nature Tropicale.

Producer groups, women and youth organizations, traditional authorities and local communities.

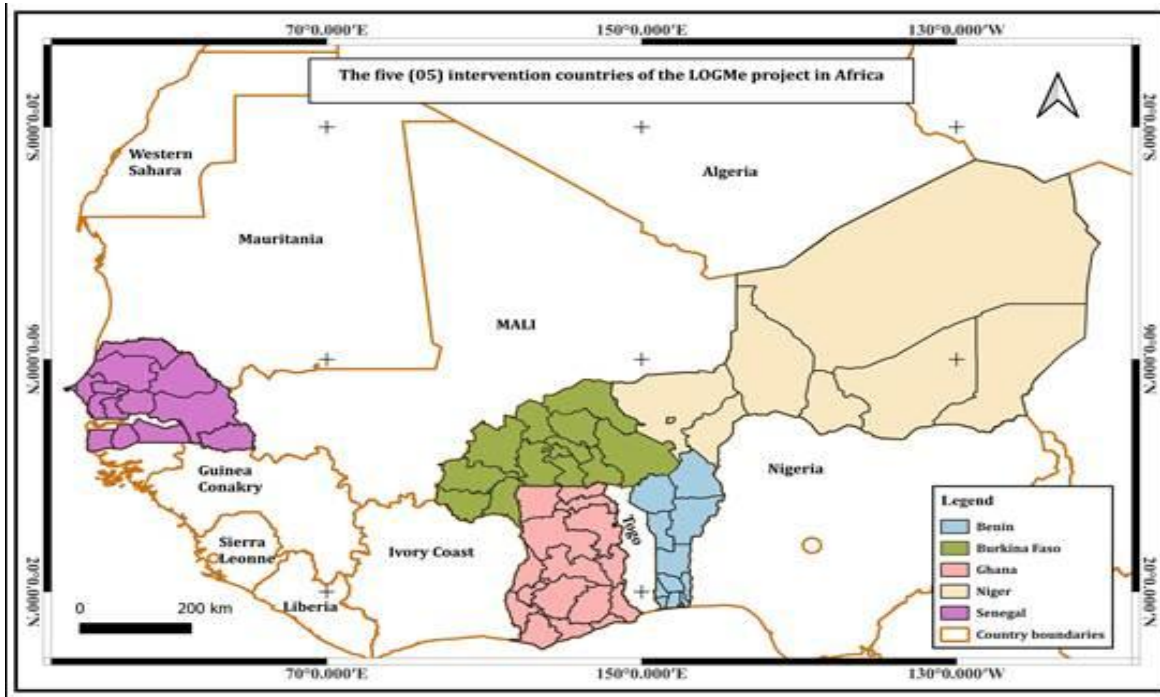


Nations Unies
Convention sur la lutte
contre la désertification



**Multi-country, multi-stakeholder restoration
partnership**

Project Location



LOGMe II: five Sahelian and Sudanian countries

Burkina Faso: Centre-Sud, Centre-Est and new communes including Tenkodogo, Zonsé, Zécco, Nobéré and Pô.

Ghana: Kulpawn-Sissili and Red Volta landscapes, with demonstration sites in Builsa South, Talensi and Sissala East.

Niger: Dosso and Tahoua regions.

Benin: Djidja, Savalou and Adja-Ouèrè.

Senegal: Ferlo zone — Ranérrou, Lougré Thioly, Oudalaye and Ouro Sidy.

Benin

Burkina Faso

Ghana

Niger

Senegal

Project Statistics

Timeframe:	LOGMe I: 2020–2024; LOGMe II: 2025–2027.
2030 Restoration Goal:	Contribute to national LDN 2030 targets and scale proven restoration approaches across five countries.
Hectares Under Restoration:	LOGMe I: 34,910.1 ha restored / under restoration; LOGMe II has begun restoration pilots and targeting.
Number of individuals working on this project:	Regional PMU, IUCN country teams, national partners, local authorities, community groups and producers.
Ecosystem Type:	Sahelian and Sudanian drylands, agroforestry systems, rangelands, watersheds and productive landscapes.
Funds Mobilized:	LOGMe II budget: €11 million, including €8.851 million for field-level interventions; LOGMe I financing: €5 million.

LOGMe I Results

684,963
beneficiaries

56.6%
women

36.6%
youth

18
renewable energy
systems

419,802
seedlings/tools/inputs

50
community trainings

LOGMe II: scaling from 3 to 5 countries

Project Impact

Why this restoration matters

Environmental: restores land fertility, vegetation cover, watersheds and ecosystem services in areas affected by desertification and climate stress, while contributing to **SDG 15.3** and **Land Degradation Neutrality (LDN)**.

Social: strengthens community resilience by prioritizing **women, youth and vulnerable groups** through training, producer organizations, inclusive participation and green jobs.

Economic: creates green jobs and income opportunities through market gardening, agroforestry, beekeeping, shea, gum arabic, vegetables, honey, moringa, soybean, rice, cassava and other dryland and non-timber forest product value chains.

Climate, biodiversity and land nexus: combines nature-based solutions, climate-smart agriculture and renewable energy to reduce pressure on natural resources, while advancing climate adaptation, biodiversity conservation and evidence-based land restoration.



Livelihoods

Climate

Biodiversity

Contact Information

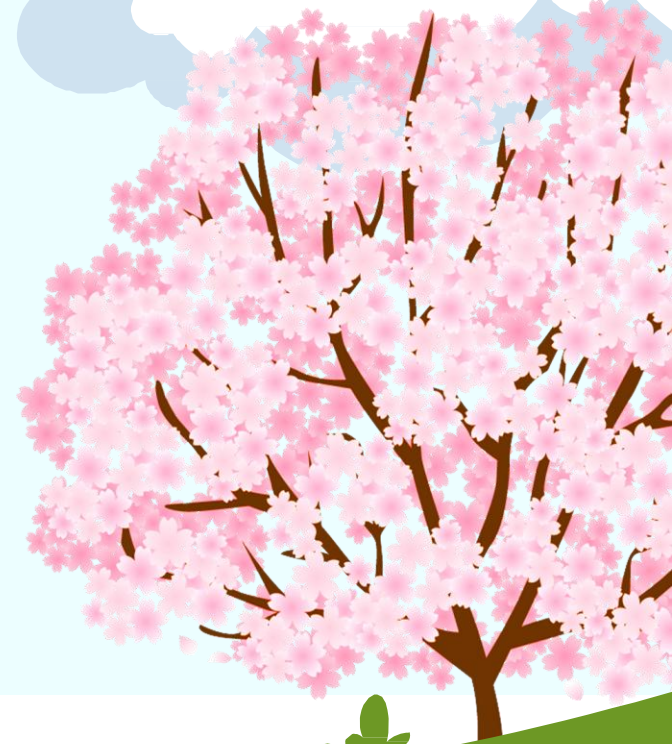
- Félicité CHABI GONNI
- Email : felicite.chabigonni-vodounhessi@iucn.org





IUCN-ESARO Contribution to the Decade of Ecosystem Restoration

Dr. Alain Ndoli,
IUCN-ESARO Regional
Programme Manager,
Land Systems



Climate Change , Biodiversity Loss and Degradation are key threats to African Economic Development



- **Economic and agricultural impacts:** Climate change could reduce **Sub-Saharan Africa's GDP by up to 3% by 2050**, while declining rainfall and rising temperatures threaten agriculture, destabilize markets, increase food insecurity, and reduce crop yields across the continent by 2030.
- **Ecosystem degradation and biodiversity loss:** Warming in the region is projected to exceed the **global average**, driving widespread biodiversity loss—**7–18% of species at risk of extinction**, severe degradation of **over 90% of East African coral reefs**, and potential **30% loss of species populations or habitats by 2050**.
- **Human displacement and social pressures:** Climate change is expected to increase **internal migration**, with **17–40 million people moving within Sub-Saharan Africa by 2050**, potentially rising to **56–86 million** as livelihoods and ecosystems become increasingly vulnerable.

Challenges & Opportunities



- ❖ Degradation/Biodiversity loss
- ✓ Restoration



- ❖ Food insecurity
- ✓ Sustainable agriculture



- ❖ Unsustainable use of natural resources
- ✓ Natural capital

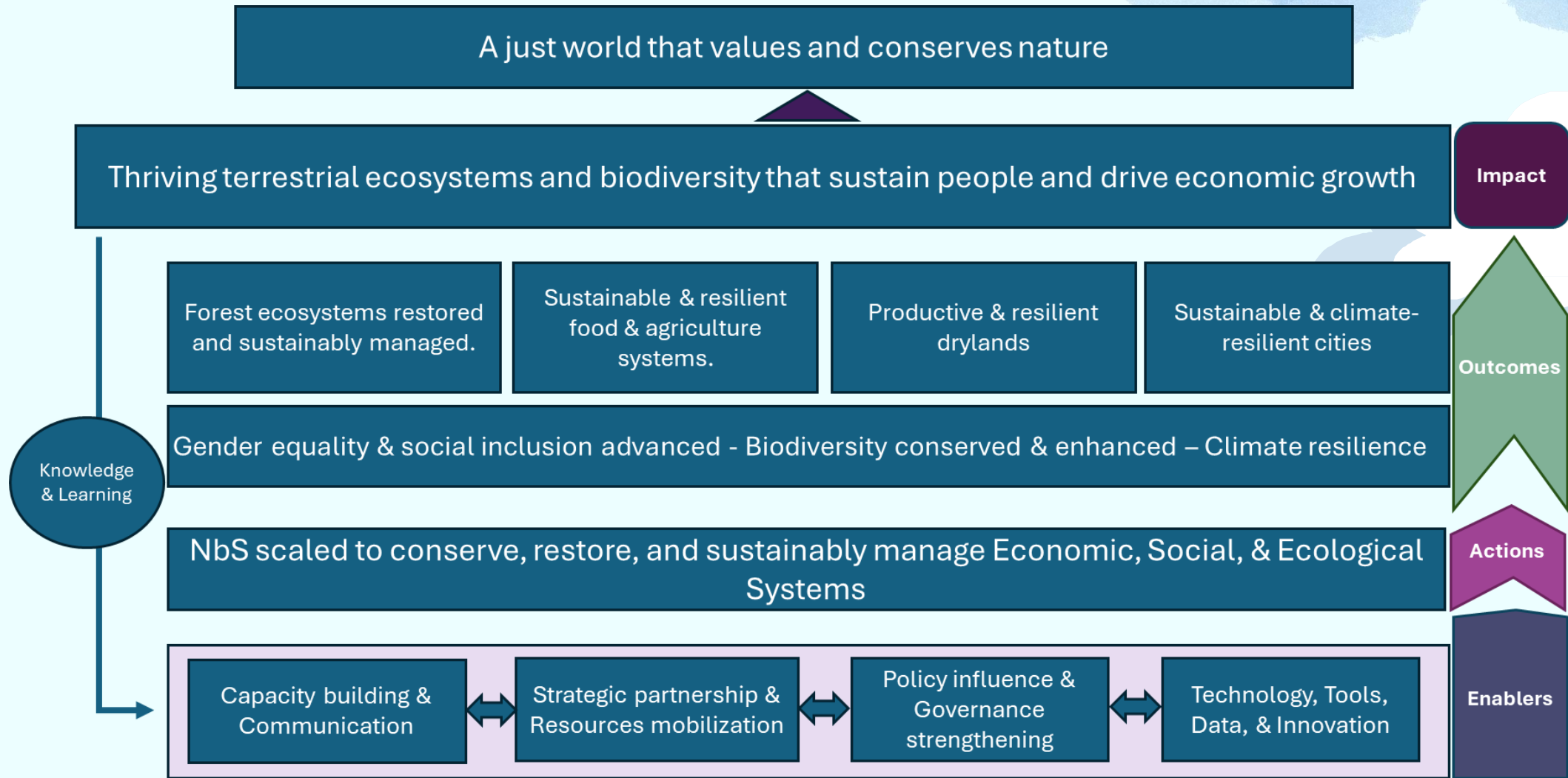


Inadequate Policy and Regulatory Framework



Poor Governance and management of natural resources

Theory of Change



IUCN's Approach to FLR

- 1. Effectively disseminating and enabling the uptake of knowledge and practices to scale up FLR** among key constituencies including local communities, public agencies and the private sector.
- 2. Scale up multiple benefit FLR at landscape level** to address climate change and biodiversity loss while strengthening community livelihoods and closing investment gaps through IUCN's tools, networks, and country presence.
- 3. Facilitating the political and financial leverage** required to enable and sustain long-term and adaptive FLR actions.



Large Scale support to AFR100 in Africa

afr100

Africa restoring
100 million hectares
of deforested and degraded land
by 2030

31 countries have committed
to restore **128 million hectares**

\$1B in development finance
\$481M private sector
commitment



Equipping Africa for Action

Legend

- Commitment With ROAM
- Commitment Without ROAM
- No Commitment

AFR100 (the African Forest Landscape Restoration Initiative) is a country-led effort to bring 100 million hectares of land in Africa into restoration by 2030. It aims to accelerate restoration to enhance food security, increase climate change resilience and mitigation, and combat rural poverty.

800 1,600 3,200 Kilometers

AFR100 (the African Forest Landscape Restoration Initiative) is a country-led effort to bring 100 million hectares of land in Africa into restoration by 2030. It aims to accelerate restoration to enhance food security, increase climate change resilience and mitigation, and combat rural poverty.

800 1,600 3,200 Kilometers



32

15

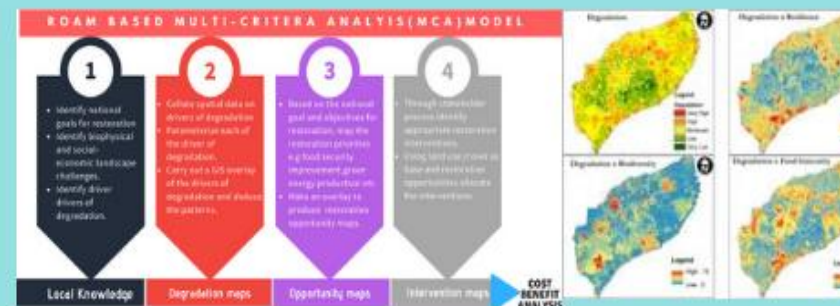
Countries have used ROAM to access their potential, opportunities, interventions, the cost-benefit and the overall restoration preparedness.

13

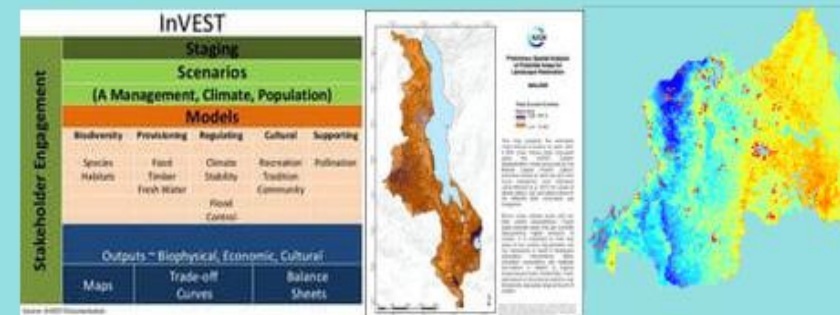
Countries already tracking restoration progress using the Bonn-Barometer

»»»» ROAM Uses Geo-Enabled tools to inform decisions on, "What", "Where" and "How"

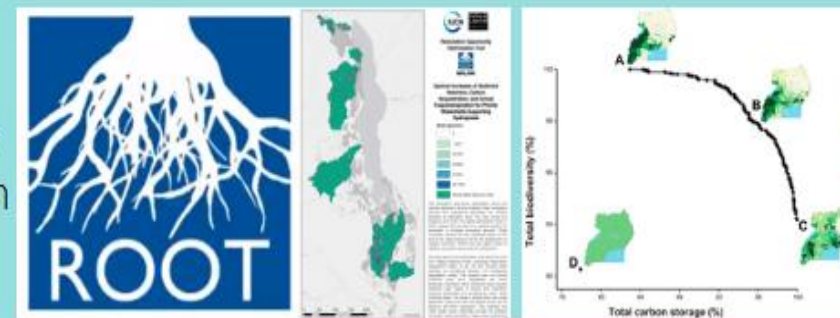
The Multi-Criteria Analysis (MCA)



InVEST Model



Restoration
Opportunity
Optimization
Tool (ROOT)



RedList
Ecosystem
Tool (RLE
-Tool)





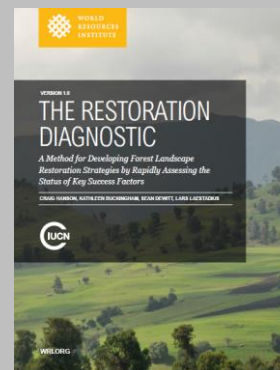
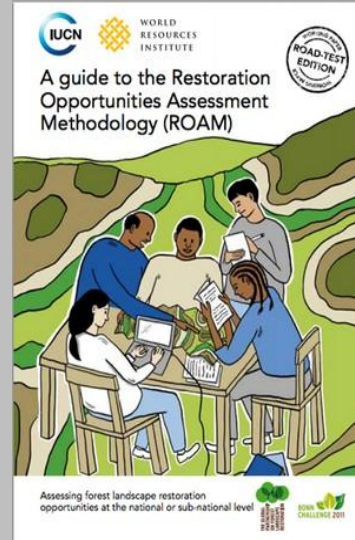
Capacity

■ Expertise :

- Natural Resource Economics,
- Geospatial and Space Technology,
- Policy and Governance,
- Gender and Livelihoods,
- FLR /Ecosystems Assessment
- Ecosystem valuation/NatCap Acc

■ Tools & Methods:

- ROAM,
- Geospatial MCA – Prioritization
- InVEST
- ROOT
- RLE – Ecosystems threats and opportunities
- IWAT,
- Remap,
- Restoration Barometer.



**Restoration
Barometer**

Brought to you by IUCN

Example1 - FLR for flood management in Rwanda

Landscape and Integrated Water Resources Management and Restoration in Sebeya and other Catchments

Common issues before Sebeya project interventions



Sebeya project interventions



Sebeya Project: Key Achievements

Over
6,500 ha

Land put under restoration with various measures including terracing, stream bank rehabilitation, and afforestation, among others.



331 VSLAs

Village savings and Loans groups established to support the innovative finance mechanism component of the EWMR project



As part of EWMR implementation

**2,200
ICS**

Improved Cook Stoves distributed to community members and schools to reduce pressure on forests

At least **590,000
Fruit trees**

Distributed to community members to support livelihoods



Through the support of the EWMR, and in line with the project's Community approach

200 VLUAPs

Village Land Use Action Plans developed with active participation of the local communities



The EWMR project has distributed

600 RWH

Water storage tanks to local communities and schools to reduce the risk of erosion, and to reduce the burden of collecting and transporting non-potable water from distant sources



**2,750
Head**

of livestock distributed to communities to support livelihoods under the EWMR project



As part of EWMR implementation, over

**35,000
Jobs**

Green jobs created in Sebeya, through which community members' benefit.

Thank you



**Transforming Eastern Province Through Adaptation (TREPA):
Restoring Rwanda's Drought-Degraded Landscapes through Climate
Adaptation and Nature-Based Solutions**

UN Decade Ecosystem Restoration Hub



UNITED NATIONS DECADE ON
**ECOSYSTEM
RESTORATION**
2021-2030



Speaker Bio

Dr. Olivier Habimana is a Sustainability Economist with close to 20 years of experience designing and implementing large-scale restoration, climate adaptation, and rural development programs across Africa. He currently oversees the implementation of the GEF and GCF project portfolio that is restoring land systems within IUCN's Eastern and Southern Africa Regional Office.



Mission

Transforming Eastern Province into a climate-resilient, productive, and ecologically healthy landscape means restoring 60,000 hectares of drought-degraded landscapes across the province.



Climate resilient value chains for sustainable restoration



Promote clean cooking
Solutions for 100,000 households

Institutional capacity strengthening of community and local government

Partners and Donors

Lead Partners: Government of Rwanda, IUCN, GCF



Implementing Partners: RFA, CIFOR-ICRAF, World Vision and Cordaid

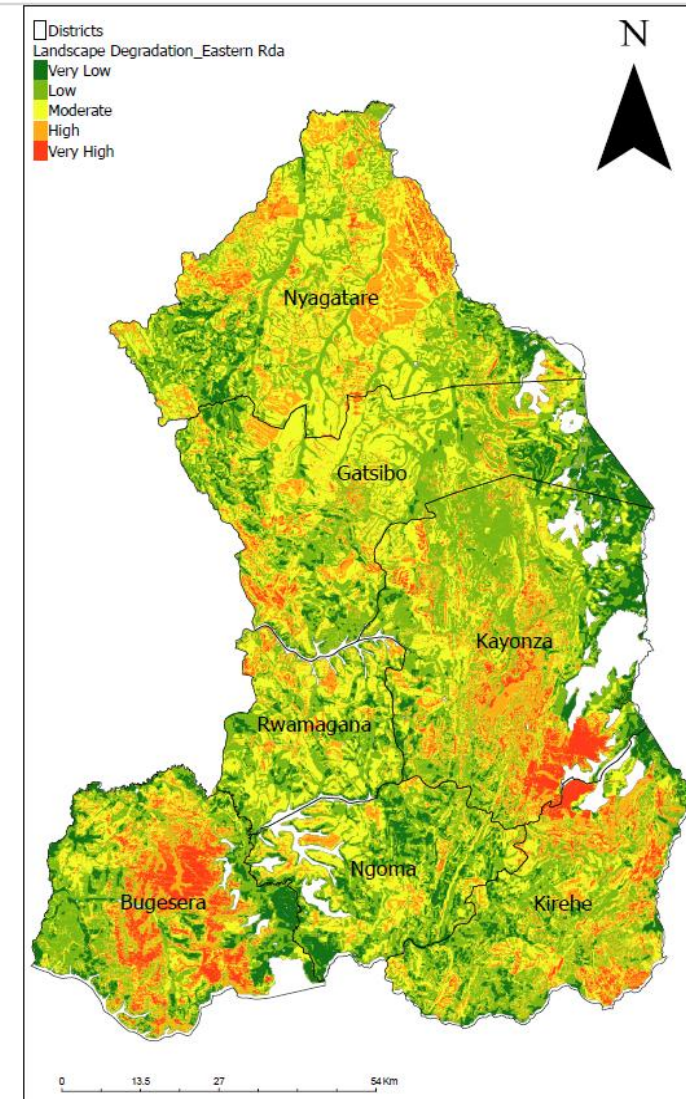
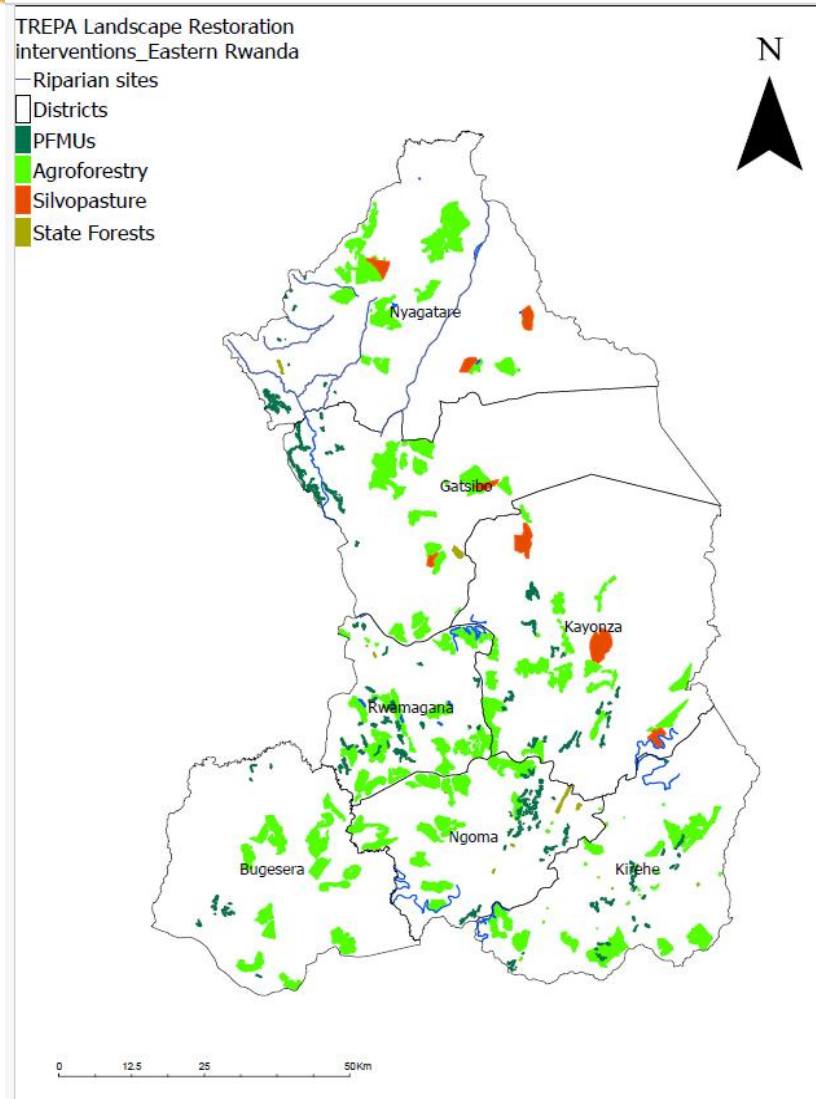


Project Location: Rwanda's Eastern Province

The Eastern Province contains the largest area of national farming lands , but it is highly vulnerable to increasing drought, facing:

- declining soil fertility
- recurrent drought
- land degradation
- biodiversity loss
- declining agricultural productivity

TREPA addresses these through integrated Nature-based Solutions in all the 7 districts.



Project Statistics

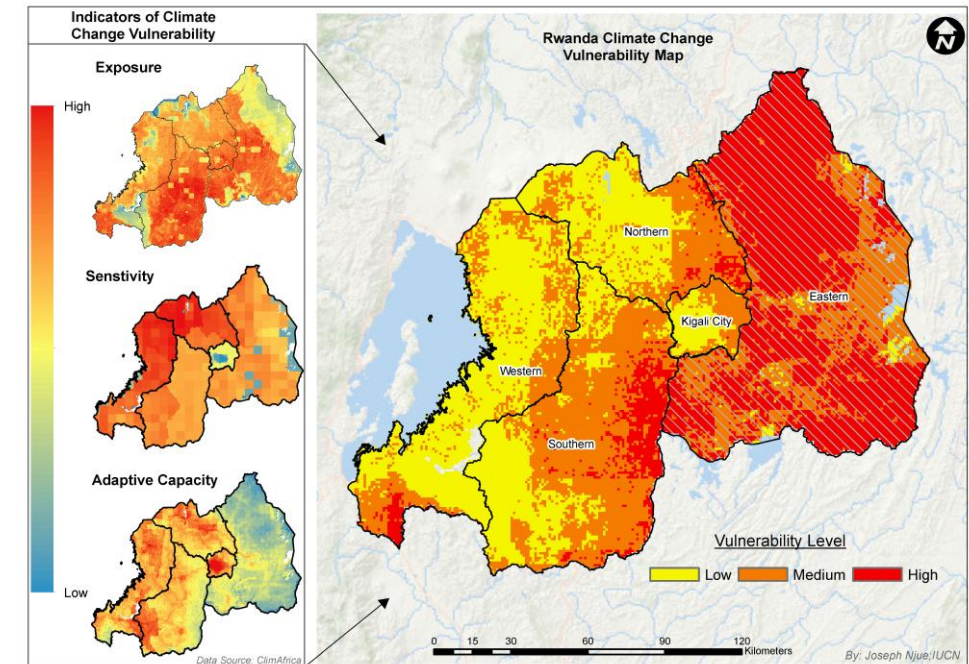
Timeframe:	Dec 2021 to Dec 2027
2030 Restoration Goal:	60,000 Hectares to be put under restoration by 2030.
Hectares Under Restoration:	58,626 Hectares currently under restoration trajectory.
Number of individuals working on this project:	32 full time paid employees and 38,241 casual workers from landscapes/communities
Ecosystem Type:	Forest landscapes, Agroforestry systems Silvopastoral systems, Riparian ecosystems, and National park buffer landscapes.
Funds Mobilized:	USD 49.6 million raised from GCF and co-financers USD 2.047 million financial commitments from local microfinance institutions.



Project Impact:

The Eastern Province is the most vulnerable, with smallholder farmers depending exclusively on rainfall. Changes to weather seasonality have led to crop failure, food shortages and famine..

- **Increased resilience of ecosystems & ecosystem services:**
restoration of **99,345 hectares of lands**, with
 - Increased tree cover and biomass stocks
 - reduced soil erosion, loss of soil organic matter,
 - increased water infiltration & increased water recharge.
 - Reduced pressure on natural forests through clean cooking
- **Increased resilience of 75,000 smallholder farmer families (ie about 556,525 people on target in E. Province**
 - ⇒ 18.2% of EP population , 4.4% of Rwandan Population (50% being women)
 - ⇒ 260,000 people will directly benefit from enhanced financial inclusion & access for climate resilient investments (60% being women)
 - ⇒ Improved pasture, cattle and milk productivity
 - ⇒ Food and water security



Contact Information

- Email: Olivier.Habimana@iucn.org
- <https://hub.decadeonrestoration.org/initiatives/transforming-eastern-province-through-adaptation-trepa>



Nature-Based Solutions for Drought Accelerating Action for Resilience and Innovation in Drought Risk Management (ARID) UN Decade Ecosystem Restoration Hub



UNITED NATIONS DECADE ON
**ECOSYSTEM
RESTORATION**
2021-2030



Speaker Bio

- Catherine Mungai is a Senior Programme Officer – Climate and Biodiversity Engagement Facilitation at the International Union for Conservation of Nature - Eastern and Southern Africa Regional Office (IUCN - ESARO).



Mission

- Support the Government of Kenya and local communities to strengthen understanding of drought dynamics and management across all phases of the drought cycle.
- The initiative promotes the adoption of nature-based solutions, particularly ecosystem restoration, to enhance resilience by helping communities prepare for, respond to, recover from, and mitigate the impacts of drought, while generating additional climate, biodiversity, and socioeconomic benefits.



Partners and Donors

With funding from



Austrian
Development
Cooperation



Phase 1 (2020 - 2024)

- To strengthen drought resilience in Kenya by integrating Nature-based Solutions (NbS) into national and county-level drought management planning and implementation:
 - Enabling drought-prone communities and landscapes to better prepare for, respond to, recover from, and adapt to drought while delivering biodiversity, climate, and livelihood benefits.



Phase 1- Achievements

- National policy review and recommendations developed to integrate NbS into drought management.
- National validation workshop held with NDMA, county governments, CSOs, and development partners.
- NbS approaches integrated into rangeland management, sub-catchment planning, agroforestry, and landscape restoration initiatives.
- Gender assessment
 - Identified gender-specific vulnerabilities, and gaps, as well as coping strategies, and resilience mechanisms.



Restoring ecosystems to reduce drought risk

Nature-based Solutions for drought

C. Magero, J. Somda, T. Njeru, V. Ruiz, J. Dalton, B. Nino, G. Metternicht, T. Tang, J. Irshaid, M. Lewis, and T. Kahil



COMMON GROUND IN AGRICULTURE SERIES NO. 2



Common
Ground in
Agriculture



With funding from
Austrian
Development
Cooperation

Phase 1- Achievements

- Trained NDMA county focal points, civil society organizations, and drought practitioners on Nature-based Solutions for drought resilience.
- Reached **227 community members** (144 men, 83 women) through training and capacity-building activities on NbS for drought management.
- Engaged **35 experts and practitioners** from government and partner institutions in technical training and dialogue on integrating NbS into drought planning.



Phase 1- Achievements



- Conducted community dialogues on NbS and drought resilience, reaching more than **157 farmers and pastoralists** in Garissa and Amboseli landscapes.
- Facilitated knowledge exchange between local communities, government agencies, and development partners to strengthen adoption of ecosystem-based drought solutions.
- Tharaka Nithi County **sand harvesting and forest protection** initiatives
- Amboseli **landscape restoration programme** led by Matonyok Community-Based Organization.

Phase 2 - Project Statistics

Timeframe:	December 1, 2025 – November 30, 2028
2030 Restoration Goal:	200
Hectares Under Restoration:	13
Number of individuals working on this project:	10
Ecosystem Type:	Farmland; Ranchland; Community land; Riparian
Funds Mobilized:	N/A



Project Location

Kajiado County

Sites & interventions

- Nkama - Tree nursery establishment
- Elangata Enkima and Olorika - Seed bank establishment
- Loitokitok - Riparian restoration



Project Impact

Context: Kajiado County is highly vulnerable due to recurrent droughts, degraded rangelands, drying wetlands and water sources, and increasing pressure on natural resources from climate change and land-use change.

Beneficiaries: Pastoralist and agropastoral communities 400 direct beneficiaries, 1,600 indirect beneficiaries

Impacts:

- Restore & manage ~ 200 hectares of degraded landscapes.
- Community tree nurseries, seed banks, apiaries, and restore riparian ecosystems established.
- Food and water security and diversify livelihoods.
- Community knowledge and capacity on NbS and drought risk management.
- Gender-responsive and inclusive participation in natural resource governance.
- Increased household incomes through apiaries, tree nurseries, seed banks, and other nature-based enterprises.



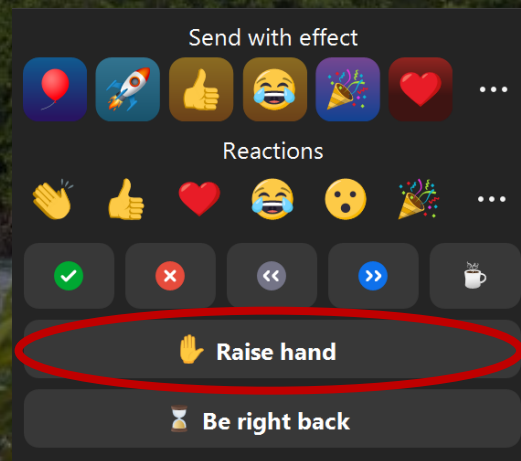
Contact Information

- Catherine.mungai@iucn.org
- <https://hub.decadeonrestoration.org/initiatives/nature-based-solutions-drought>



Q&A

Raise your hand or drop your questions in the chat!



Contact Us

Katherine Poe

Programme Associate, IUCN Forest and Grasslands Team

Katherine.Poe@iucn.org

Audrey Platt

Programme Associate, IUCN Forest and Grasslands Team

Audrey.Platt@iucn.org

[Visit The UN Decade Ecosystem Restoration Hub | IUCN](#)

Full webinar schedule available at:

<https://engage.iucn.org/topic/webinar-series-iucn-and-un-decade-ecosystem-restoration-hub>

