

Towards a Global Ambition on Land Restoration – G20 Global Land Initiative and Associated Programmes



G20 GLOBAL
LAND INITIATIVE

G20 Global Land Initiative

United Nations Convention to Combat Desertification

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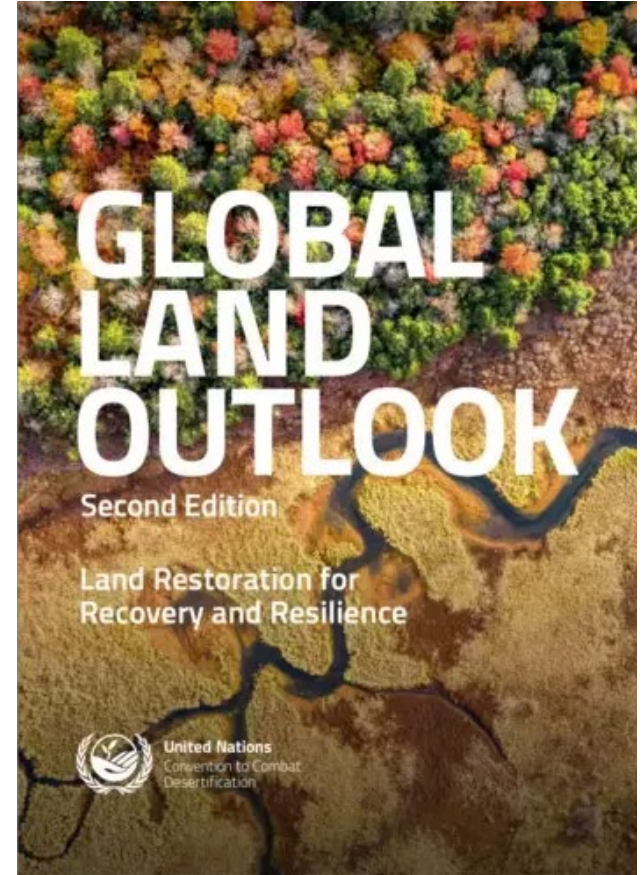
United Nations
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Desertification



Global Land Outlook 2nd edition

Global Land Degradation

- Up to 40 % of all land worldwide is degraded with dire consequences for our climate, biodiversity and livelihoods
- threatens roughly half of global GDP (US\$44 trillion).
- 23 % of the global land surface is suffering from reduced productivity
- US\$6.3 trillion lost to deforestation and land degradation
- 3.2 billion people threatened by food insecurity
- 50% of global GDP will be affected



G20 Initiative

The G20, or Group of Twenty, is an intergovernmental forum of the world's major developed and developing economies.

- **Collectively, the G20 accounts for 85% of global GDP, 75% of international trade and two-thirds of the world population, making it the premier forum for international economic cooperation**



The G20 Global Initiative on Reducing Land Degradation and Enhancing Conservation of Terrestrial Habitats

Launched by G20 Leaders during the Saudi 2020 G20 Presidency

Building upon existing commitments, the ambition is to achieve a 50 percent reduction in degraded land by 2040

Continuity through the Italian, Indonesian, Indian, and now G20 Presidency current Brazil Presidency

Global and inclusive of all countries

While initiated by G20 members, the Initiative will seek to be inclusive of all countries who are interested in being associated with it. All countries will have opportunities to both contribute to the Initiative as well as benefit from it.





Leveraging on G20

The biggest strength of the G20 Initiative is of course the collective power of the G20, which represents large land areas, good restoration practices, massive economies as well as some of the world's best expertise in land restoration.

Global and inclusive of all
countries

Three Objectives

- 01 | **Conservation:** Conserving land and halting habitat loss, fragmentation and land degradation
- 02 | **Sustainable Land management (SLM):** Promoting integrated, sustainable, and resilient land and landscape management
- 03 | **Land Restoration:** Restoring degraded land
 - | Seeks to enhance collaboration among G20 members and non-member countries
 - | Seek additional voluntary commitments from participating countries to raise ambition in this respect and contribute to SDG 15, in particular target 15.3.



Key Activities Outlined



Land conservation, sustainable management, and restoration website

- Showcasing
- Information sharing hub
- Fosters collaboration
- Data shared on voluntary basis & publicly available data



Engagement of private sector and civil society

- Outreach to promote investments
- Link investors to initiatives
- Encourage engagement of civil society
- Mobilize the general public



Sharing knowledge and building capacity

- exchange of know-how and capacity building between G20 members, non-member countries, and other partners and stakeholder
- accelerate exchange of best practices

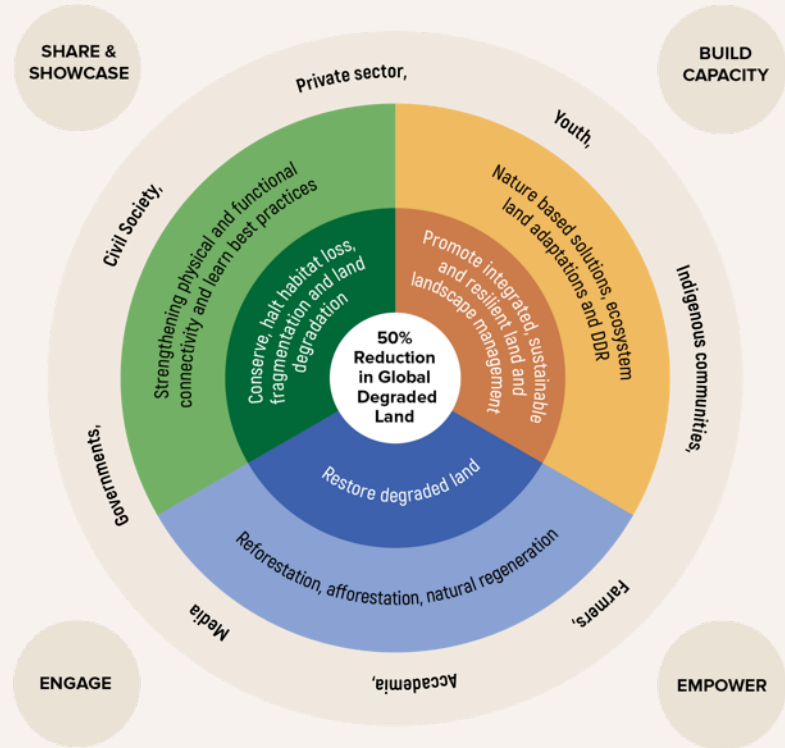
Four Pillars of Action

Showcase and Share

Build Capacity

Engage Private Sector

Empower Civil Society



Share and Showcase

Reach a billion audience

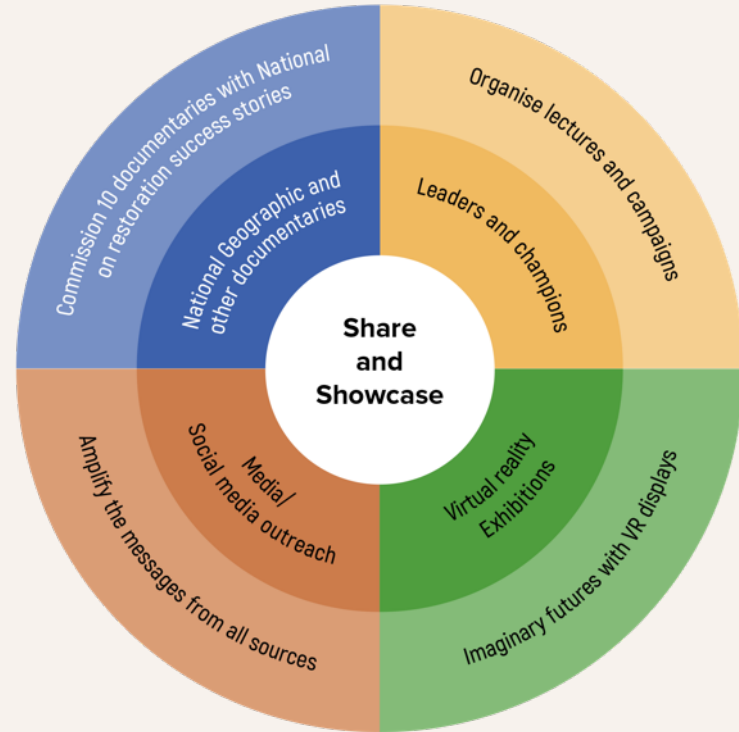
National Geographic Documentaries

Ground Campaigns with iconic leaders

Social Media Outreach through influencers

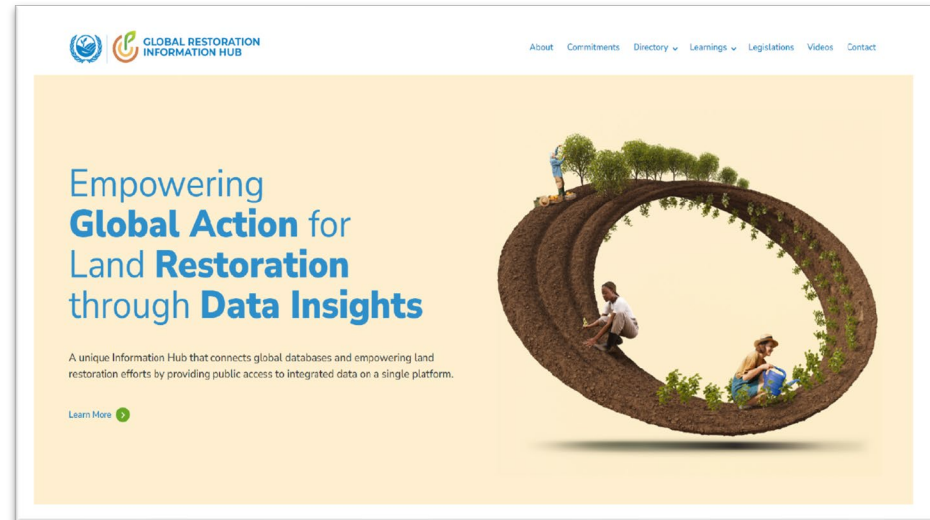
AR/VR/XR exhibitions in museums and events

Establishing strategic partnerships with key stakeholders

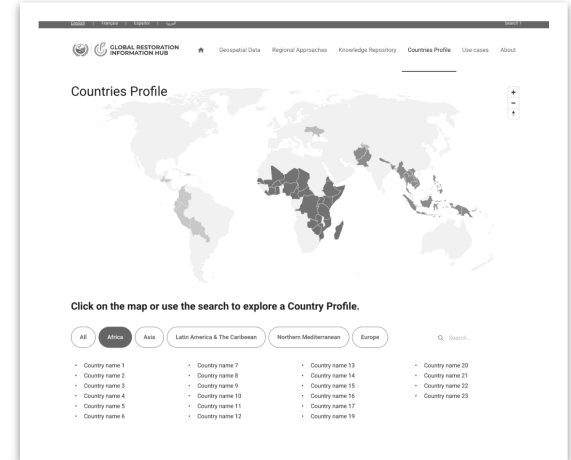
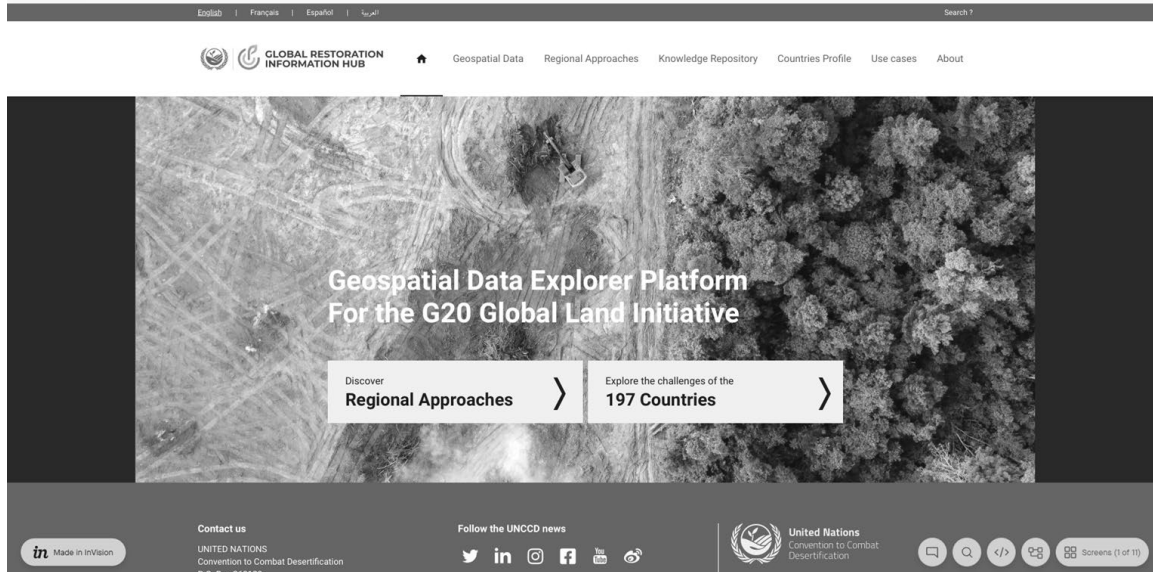


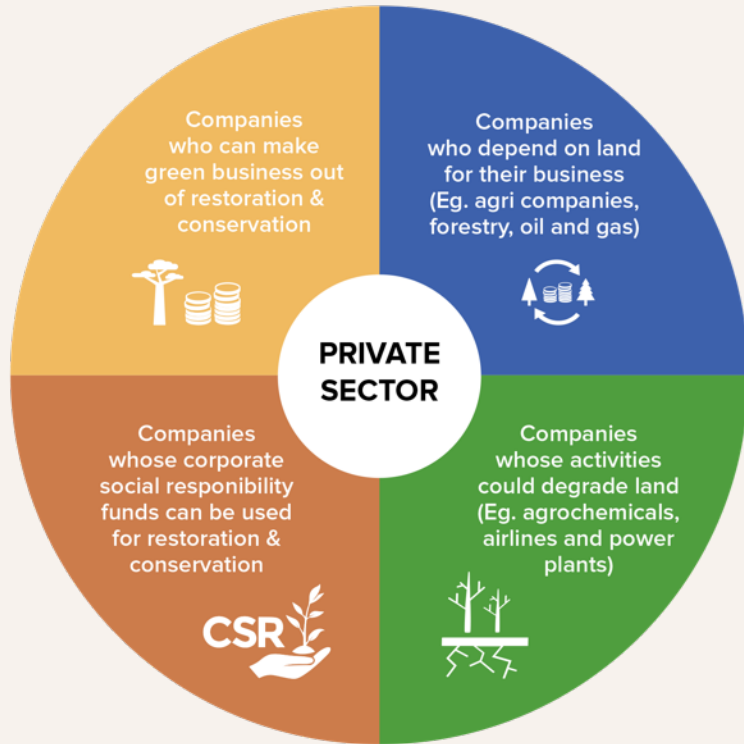
Information Exchange on Land Restoration

- Global Restoration Information Hub
 - Publicly available information
 - Showcasing best practices
 - Educational Videos
 - Innovative Technologies
 - Legislations for global restoration efforts
 - Training programmes
- Promotes citizens science approach



Geospatial Data Explorer Platform for Land Opportunities





Private Sector

The G20 workstream proposes an Annual Private Sector Forum on Land Restoration to understand private sector thinking and triggering change

The forum will facilitate dialogue, collaboration, and knowledge exchange, aiming to mobilize private sector investment and expertise for sustainable land management.

We need to make restoration good for business

- | Legal compliance
- | Carbon Credits
- | Good Corporate Citizen

But we also should look how we can make restoration makes good business

Stakeholder Engagement - Mining Sector

- **Mining Restoration**
 - Karnataka Mining Environmental Restoration Corporation
 - Restoration of **15,000 ha** of iron ore mining areas
 - **\$3 billion USD** funding available
 - Largest mine restoration operation in the world
 - Scoping mission completed



Youth Ecopreneur Award for Land Restoration

Support young innovators and entrepreneurs who are committed to sustainable land restoration practices,
Scaling up to 100 ecopreneurs/year
To reach 1000 ecopreneurs by 2030
Upscale to 10,000 with leveraging



Supported by



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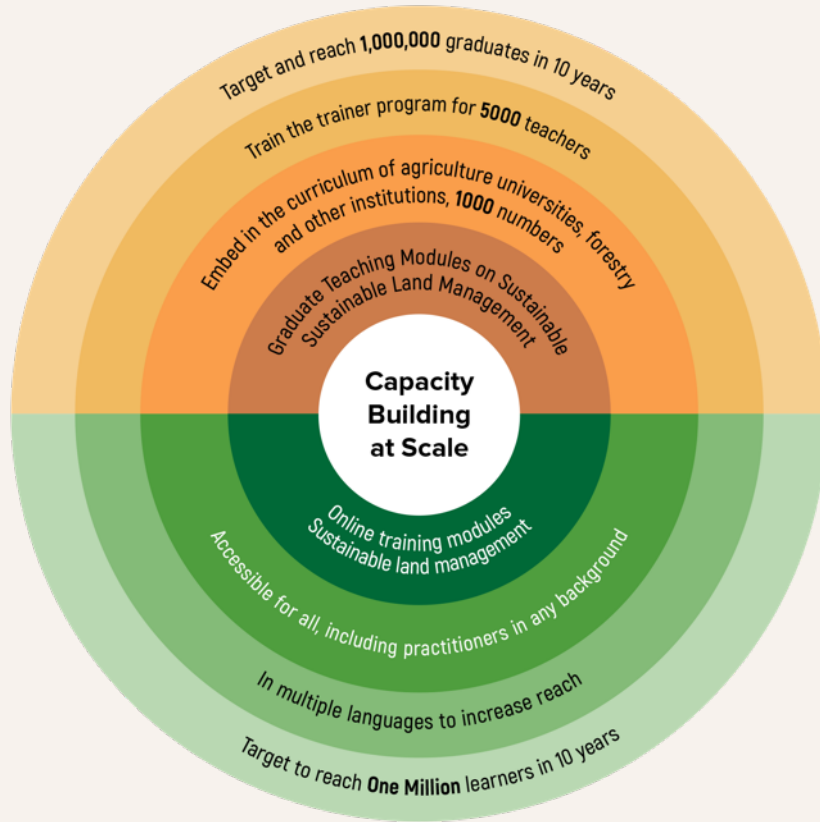
Google
Startups for
Sustainable
Development

Empower Civil Society

Work with youth, women, indigenous communities, NGOs, faith groups and others.

Create a platform for Civil Society and Land restoration





Capacity Building @ Scale

The Global Land Initiative (GLI) Capacity Building program aims to enhance stakeholders' knowledge and skills in land management and sustainable practices through workshops and webinars on topics like land restoration, sustainable agriculture, and biodiversity conservation.



Webinars & Hybrid Events

- Monthly sessions
- Total 6742 registrations
- 2481 participants
- 108 countries

Training Courses

- 15 times more applications than positions available
- A global webinar with course summary after the training
- Summary online training planned



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POST TRAINING WORKSHOP REPORT

Assessing Land Degradation and Restoration Efforts with **Remote Sensing Data and GIS Tools**

15-19 January 2024 at the Centre of Excellence on Sustainable Land Management,
Dehradun, India.



Capacity Building - Innovative Agriculture for Land Restoration

Global curriculum

Developed by 10 universities from around the world

To reach 1000 universities and one million students by 2030

Hosted by:



United Nations
Convention to Combat
Desertification

Technology
Arts Sciences
TH Köln

Partners:



WAGENINGEN
UNIVERSITY & RESEARCH



Global Changemaker Academy for Parliamentarians

- Five-day leadership academy for parliamentarians around the globe
- Organized by UNCCD in collaboration with the UN System Staff College (UNSSC)
- 29 participants from 24 countries



UNITED NATIONS
SYSTEM
STAFF COLLEGE



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GLOBAL CHANGEMAKER ACADEMY FOR
PARLIAMENTARIANS



Student Hackathons

- Presence at the Europe's biggest hackathon – START HACK
- Hack case on “A Land of Opportunities: Tackling Wildfire Land Degradation in Brazil”
- Enhance wildfire detection in Brazil using deep-learning model and understand the extent of land degradation in Brazil.



Nature Labs in Schools

- Currently developing a concept for establishing a “**Nature Restoration Lab**” in high school curriculum
- Entire school campus becomes a laboratory
- A plot for restoration, including Miyawaki forests
- Reach 10,000 school campuses



Initiative Coordination Office

- 01 | Creating and administering the Land conservation, sustainable management, and restoration showcase website;
- 02 | Showcasing existing knowledge-sharing products on reducing land degradation
- 03 | Organizing capacity building and knowledge sharing activities
- 04 | Managing the administrative budget allocated to the ICO;
- 05 | Based in UNCCD and receive oversight from UNCCD
- 06 | Receive strategic guidance from the its Steering Committee





Thank you.

United Nations Convention to Combat Desertification

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United for land