



Food and Agriculture
Organization of the
United Nations



United Nations Decade on Ecosystem Restoration (2021-2030)



Background



- **UN General Assembly resolution A/RES/73/284:**

"To prevent, halt and reverse the degradation of ecosystems worldwide"

- **UNEP** and **FAO** invited to

"lead the implementation of the Decade, in collaboration with the secretariats of the Rio conventions, other relevant multilateral environmental agreements and entities of the United Nations system [...]"

- **Strategy: build more political will for restoration through 'New Power'**

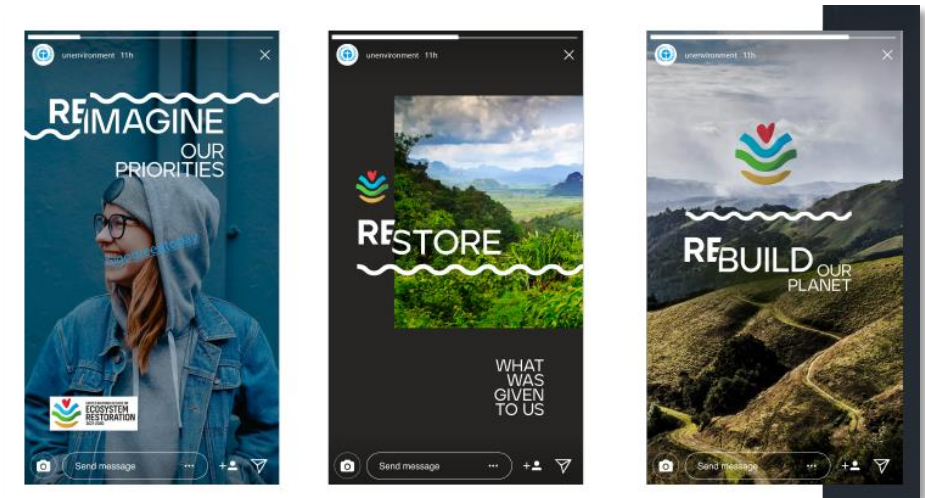
- Focus on enhancing and supporting existing restoration commitments and implementation of **Rio Conventions** and the **Sustainable Development Goals**



Launch in June 2021

- **Events hosted in over 100 countries**, from global institutions to restoration leaders on the ground
- **Global campaign #GenerationRestoration**
- **Flagship report: [Becoming #GenerationRestoration - Ecosystem Restoration for people, nature and climate](#)**

> Watch [video with the highlights](#)



Degradation and its consequences

Ecosystems worldwide are under pressure



FARMLANDS

Croplands and pastures (modified grasslands on which domestic animals are grazed)

4.8 billion ha*

Croplands and pastures cover ~12% and 26% of the world's ice-free land^b

20%

of croplands show stressed or declining productivity^c



FORESTS

Tropical, subtropical, temperate, boreal and polar forests, plantations, low-density woodlands and agroforests

4.06 billion ha

~31% of global land area^d

~420 million ha

of forest have been converted to other land uses since 1990^e



FRESHWATER

Rivers, lakes, wetlands and other inland waters

<0.01%

of the earth's surface^f

35%

average decline in area of natural inland wetlands since 1970^g, with 87% total loss since 1700^h



GRASSLANDS, SHRUBLANDS & SAVANNAHS

Shrublands, shrubby woodlands, heathlands, savannahs, steppes and grasslands

Grasslands and savannahs cover

26-40%

of the earth's land surfaceⁱ

~19%

of grasslands and 27% per cent of rangelands show stressed or declining productivity^j



MOUNTAINS

Found on all of the world's continents, in biomes from hot deserts to tropical forests to polar ice caps

27%

of global land area^k

5 days

per decade = average decline in duration of mountain snow cover, especially at lower elevation^l



OCEANS & COASTS

Tropical, temperate and polar marine ecosystems from shallow coastal to deep sea

Oceans occupy

36 billion ha^m

~66%

of ocean ecosystems are damaged, degraded or modifiedⁿ. ~1/3 of commercial marine fish populations are fished unsustainably^o



PEATLANDS

Wetland habitats with organic peaty soils (e.g. marshes, swamps, fens and bogs)

~400 million ha

across 169 countries^p

Degradation has affected nearly **65 million ha**

of peatlands^q, especially in Europe, Central and Southeast Asia, East Africa, southernmost America and the Amazon^r



URBAN AREAS

Cities, towns and villages. Habitats in green spaces and waterways

2%

of global land area^s

>50%

Since 2000, the number of city inhabitants without access to safely managed drinking water has increased by more than 50 per cent^t

^aFAO 2016a, ^bFoley et al. 2011, ^cUNCCD 2017, ^dFAO and UNEP 2020, ^eFAO and UNEP 2020, ^fLehner and Döll 2004, ^gDarrah et al. 2019, ^hReid et al. 2020, ⁱDudley et al. 2020, ^jUNCCD 2017, ^kRomeo et al. 2020, ^lIPCC 2019, ^mNOAA 2020a, ⁿIPBES 2019, ^oFAO 2016b, ^pJoosten 2009; Kirpotin et al. 2021, ^qBonn et al. 2016, ^rFAO 2020a, ^sUN Habitat 2020, ^tUN-Water, 2021

Vision

A **world** where — for the health & wellbeing of **all life on Earth** & that of **future generations** — the **relationship** between humans and nature has been **restored**,

where the area of **healthy ecosystems** is **increasing** and

where **ecosystem loss**, fragmentation and degradation has been **ended**.



3 Pathways

1. A global movement

- Digital hub
- Awareness
- Education
- Ethics
- Economics
- Financing mechanisms

2. Political will

- Leaders as champions
- Legislation and policy
- Cross-sectoral dialogues
- Redirect subsidies

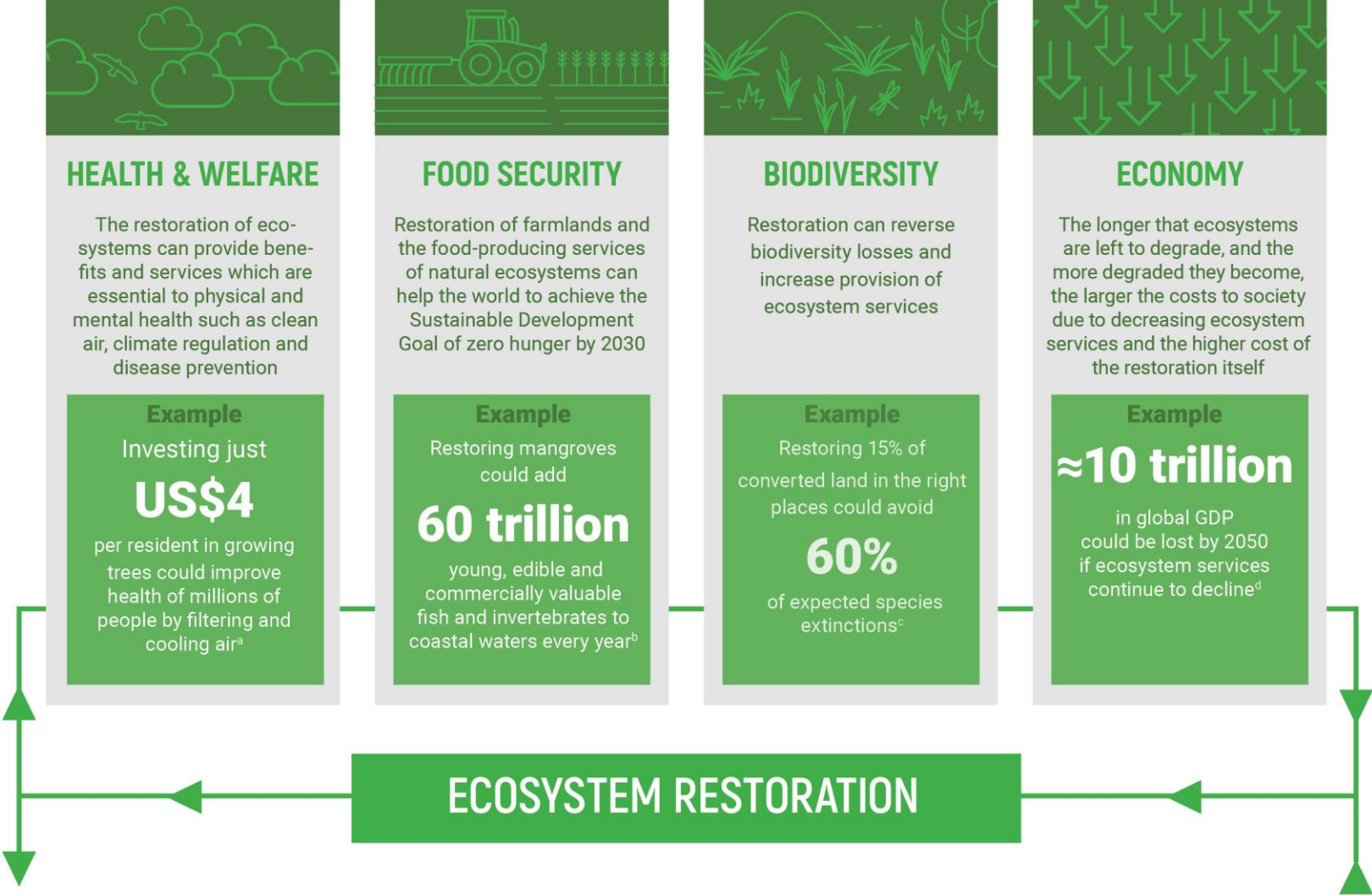
3. Technical capacity

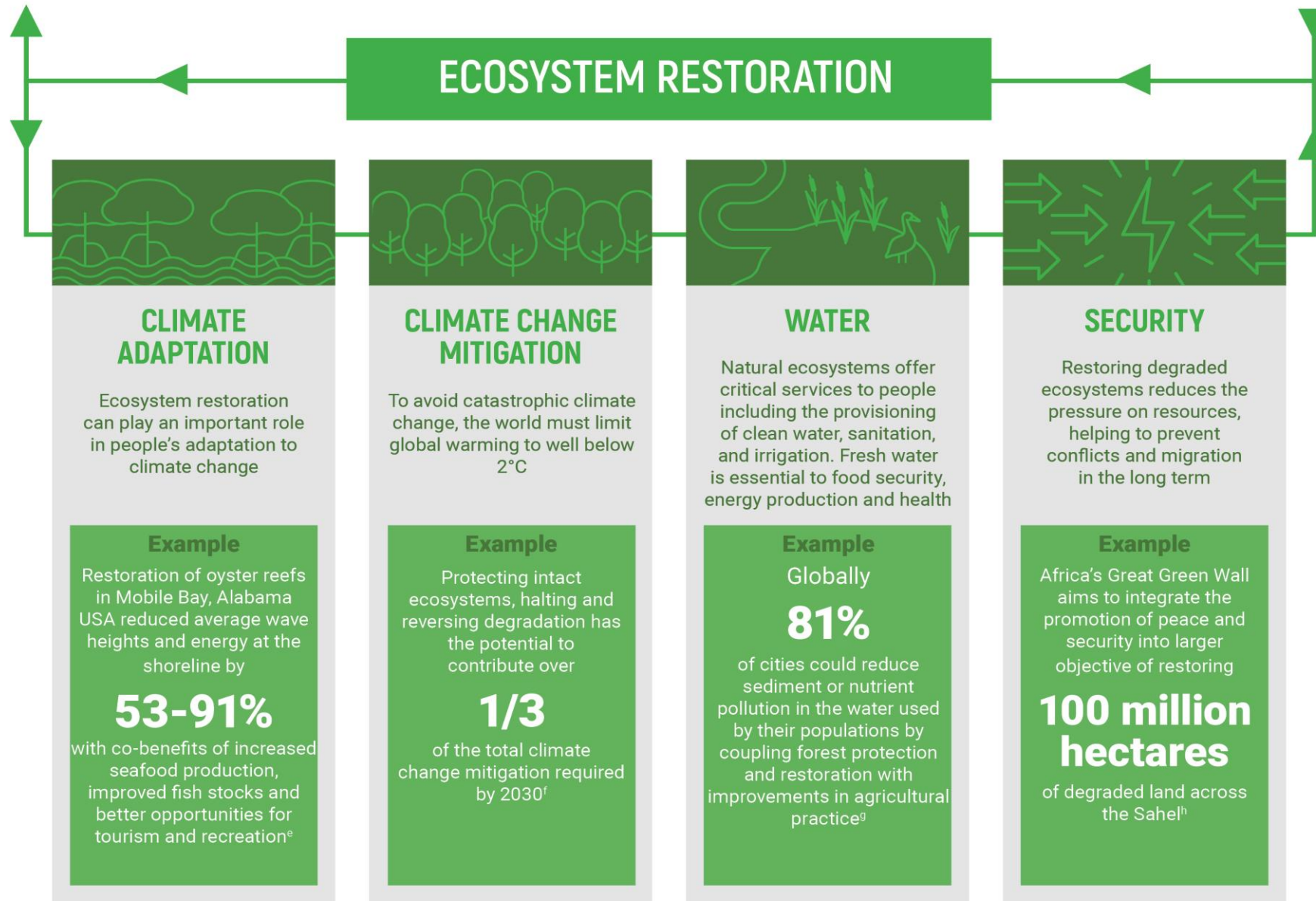
- Design, implement, monitor & sustain
- Long-term research
- Lessons learned
- Indigenous knowledge
- Land tenure and FPIC



Benefits extend across Agenda 2030

Healthy, restored ecosystems provide many benefits





^a Dasgupta 2021, ^b Worthington and Spalding 2018, ^c Strassburg et al. 2020, ^d Johnson et al. 2020, ^e Fodrie et al. 2017, ^f Griscom et al. 2019, ^g Abell et al. 2017, ^h Great Green Wall 2021



Building on existing efforts and experiences

Upscaling and **replicating** existing restoration projects across ecosystems and based on 10 principles for good ecosystem restoration



Source: The Nature Conservancy



TEN PRINCIPLES THAT UNDERPIN ECOSYSTEM RESTORATION

-  GLOBAL CONTRIBUTION
-  BROAD ENGAGEMENT
-  MANY TYPES OF ACTIVITIES
-  BENEFITS TO NATURE AND PEOPLE
-  ADDRESSES CAUSES OF DEGRADATION
-  KNOWLEDGE INTEGRATION
-  MEASURABLE GOALS
-  LOCAL AND LAND/ SEASCAPE CONTEXTS
-  MONITORING AND MANAGEMENT
-  POLICY INTEGRATION



Enhancing technical capacity

- The UN Decade aims to **share best practices** and **lessons learned**
- **80+ partners** across 7 categories
- **Partnership framework** outlining **how your organization can become a partner!**



Advisory board

- 25 advisors from indigenous peoples, local communities, ecosystem restoration experts, to media and culture and the private sectors.
- Check out [Introductory video](#)



Ana Maria Hernández
(Colombia)



Arief Rabik (Indonesia)



Brigitte Baptiste (Colombia)



John D. Liu (PR China, USA)



Luc Gnacadja (Benin)



Lucy Mulenkei (Kenya)



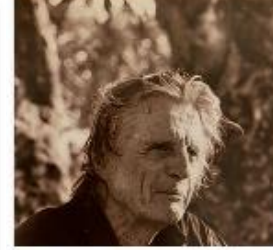
Cécile Bibiane Ndjebet
(Cameroon)



Dario José Mejía Montalvo
(Colombia)



Felipe Calderon (Mexico)



Martin von Hildebrand
(Colombia)



Peter Wohleben (Germany)



Razan Al Mubarak (Abu Dhabi)



Frank Erichsen (Denmark)



Frank Mars (USA)



Freida Jacques
(Whatwehneh) (USA)



Sebastião Salgado (Brazil)



Suzanne di Bianca (USA)



Thomas Crowther (UK)



Gopal Patel (USA)



Hindou Oumarou Ibrahim
(Chad)



James Honeyborne (United Kingdom)



Vischeslav Fetisov (Russian Federation)



Zhi Lü (PR China)



Communication Strategy

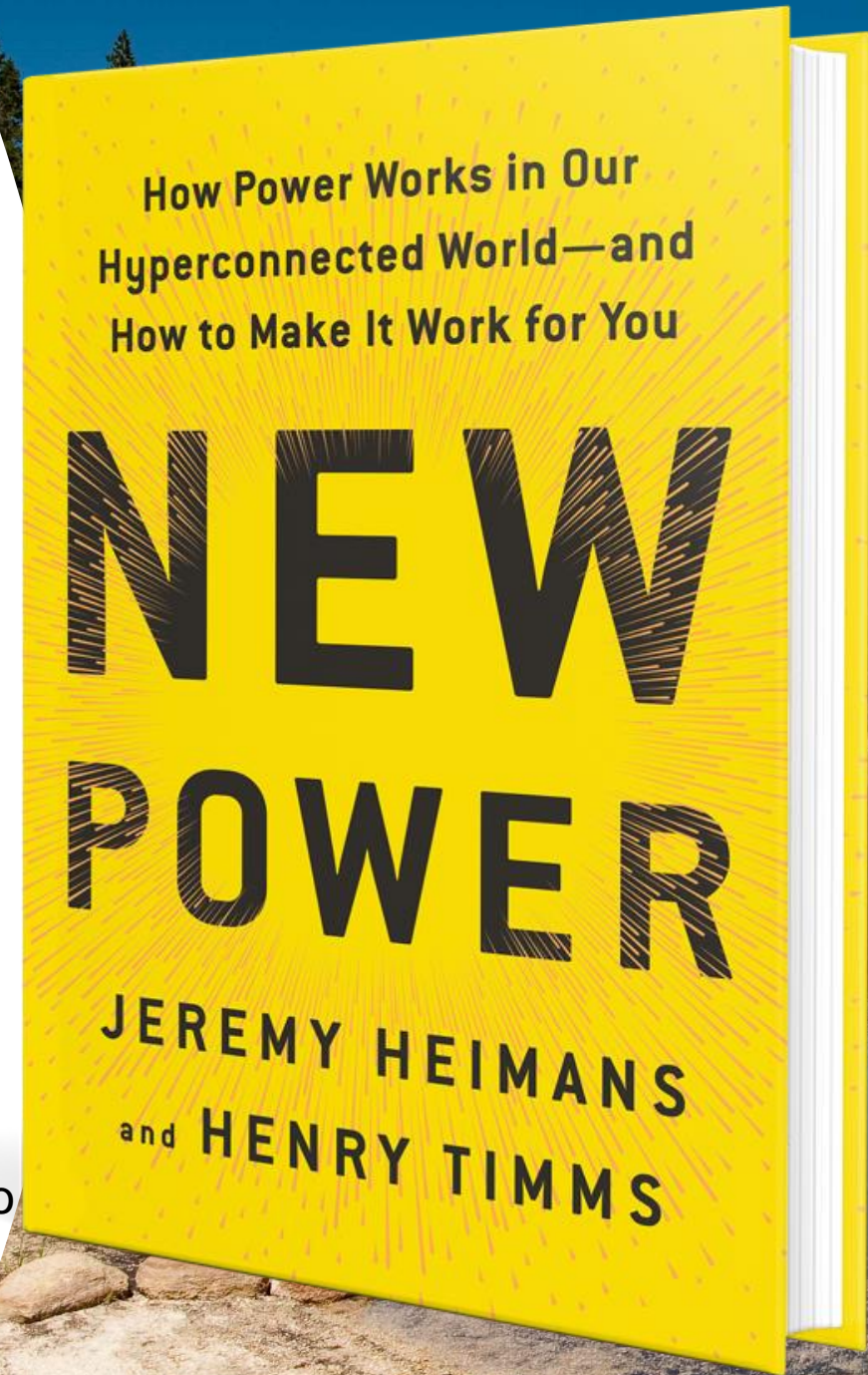
A networked approach that...

Connects **hundreds** of selected global partners...
To **thousands** of local implementers...
Reaching **hundreds of millions** across the globe

Building on insights from *New Power* to strengthen ownership and celebrate existing efforts by and within countries

Messaging - Positive and inclusive antidote to climate anxiety while inspiring a new ***#GenerationRestoration***

Innovations - An interactive digital home for the Decade to communicate, support and scale action on the ground



Visual Identity



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

Share it.



Adapt it.



Make it your
own!



ECO HONEY HUB



Resources & Contacts

The **Ecosystem Restoration Playbook** – a practical guide to healing the planet

FAO Position paper on “Ecosystem Restoration” of production ecosystems, in the context of the UN Decade

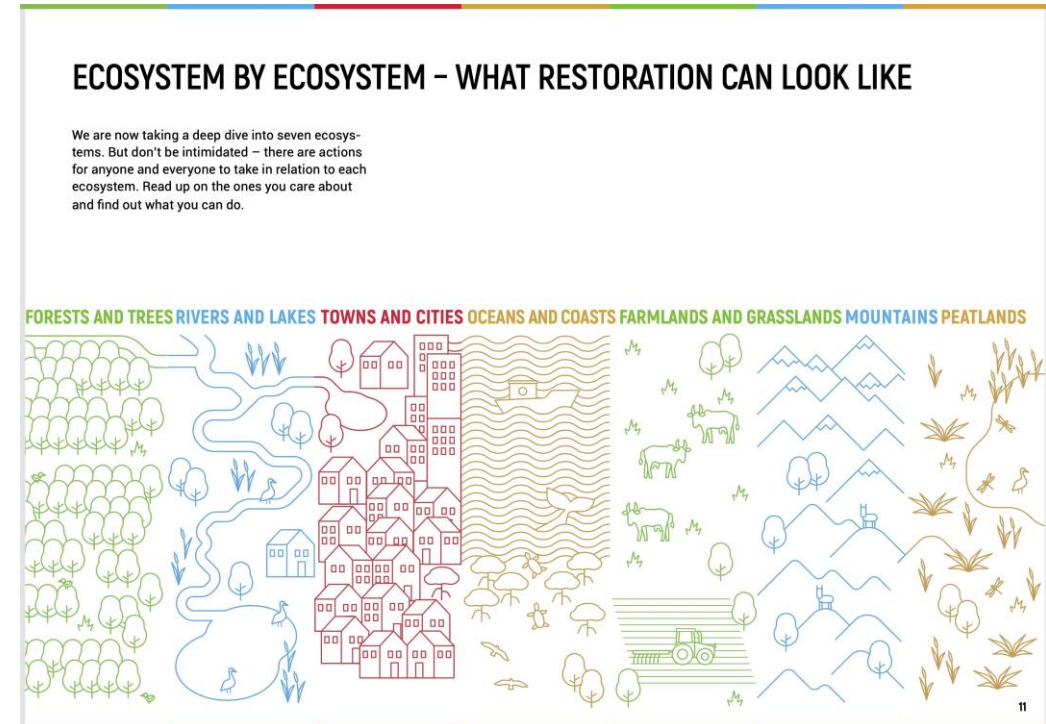
10 Restoration Principles to guide the Ecosystem Restoration through the Decade (by FAO, IUCN CEM, SER)

More... visit www.decadeonrestoration.org for news, publications, videos, and communication resources

Contacts

UNEP restorationdecade@un.org

FAO decade-on-restoration@fao.org



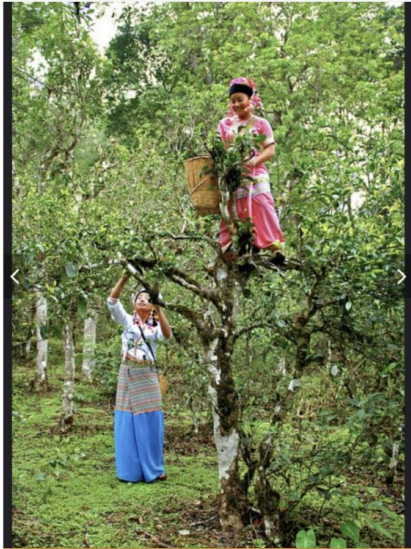
Key Messages

- **Healthy and productive ecosystems** are the basis for our economy and society
- **Conservation** of nature no longer enough – we must actively **restore for any chance to achieve the SDGs**
- We might be close to natural tipping points or ‘**points of no return**’ on climate change
- **Nature** must be part of an all-out **decarbonization** effort. **Nature-based solutions** have benefits beyond climate action
- NbS including restoration are **no longer ‘nice to have’ but essential for 1.5C/2C**
- Repurposing fossil fuel & agriculture subsidies can provide significant **climate finance**
- What is needed now: **political will for transformative change**
- There is a growing global **restoration movement** underway. **Join the movement!**



Join #GenerationRestoration

tag all your restoration related activities



59 testimonies to humankind's ingenuity and more to come: the Globally Important #AgriculturalHeritage Systems (GIAHS). Learn more about the role of #GIAHS in protecting our ecosystems & sustaining livelihoods: 📖



Raschad Al-Khafaji (@Rasch... 30 seconds ago



【 🌿 Every Sunday is Our Environment Day 🌿 】 【 ચાલો એક દિવસ, એક રવિવાર પ્રકૃતિને સમર્પિત કરીએ 】 【 10 કરોડ વડના વૃક્ષો વાવવા માટેનું મહાઅભિયાન 】 સર્વોદય મંડળની બેઠક ગાંધી આશ્રમ, ઝીલીયા, ચાણસ્મામાં આયોજિત થઈ જેમાં સમાજની સે...

Instagram User 15 hours ago



As a member of the YIL_Initiative Social Media project team, I'm hosting a giveaway for free 🎟 tickets to the #GLFAmazonia Digital Conference 🌿 🌍. Tell me why the Amazon rainforest matters to you for a chance to win ...

Instagram User 17 hours ago



Instagram User 40 minutes ago



Bushcare this week will be on Friday (24th) from 9.00-11.30am! Meet us at the SW corner of carpark 3. Pictured is a big wonderful river red gum (Eucalyptus camaldulensis) on site and then swipe right to see how much f...

Instagram User an hour ago



Instagram User 40 minutes ago



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Instagram User an hour ago



#colorsofindia #road #worldphotography #worldphotographyhub #igcal...

Instagram User 55 minutes ago



Black-Rumped Flameback 🍷. Swipe ➡️ to see close-up shot!! . . . #sonyalphain #sonya9 #sony200600 sonyalpha #sonyalpha #sonyalphawildlife . . . #your_best_birds #bestbirdshots #kings_birds_ #birds_captur...

Instagram User an hour ago



Join #GenerationRestoration

Contact:
restorationdecade@un.org

Thank you



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environment
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