



The UN Decade on Ecosystem Restoration 2021-2030

“Prevent, halt and reverse the degradation of ecosystems worldwide”

CHALLENGE

There has never been a more urgent need to restore damaged ecosystems than now.

Restoration of ecosystem is fundamental to achieving the Sustainable Development Goals, mainly those on climate change, poverty eradication, food security, water and biodiversity conservation.

The UN Decade on Ecosystem Restoration unites the world behind a common goal: preventing, halting and reversing the degradation of ecosystems worldwide. Forests, grasslands, croplands, wetlands, savannahs, and other terrestrial to inland water ecosystems, marine and coastal ecosystems and urban environments—all of them are in dire need of some level of protection and restoration.

This incredible challenge can only be met if everyone—including Member States, local governments, partners from the private sector, academia and civil society—come together to find viable, lasting solutions.

Restoring damaged ecosystems is an efficient and cost-effective way people can work with nature to address the most pressing challenges humanity is facing today.

- Healthy ecosystems such as forests, mangroves and peatlands, act as carbon sinks, absorbing up to one third of CO₂ emissions.



- Healthy soils can store more nutrients and produce higher quality plants, allowing the world to feed our growing population—9 billion people expected by 2050—without cutting down more forests.
- Thriving ecosystems harbour a wide variety of wildlife. By protecting and restoring them, we can help save the 1 million animal and plant species currently threatened with extinction.
- Restoring 350 million hectares of degraded landscapes by 2030 presents a boost to rural economies—worth US\$9 trillion in ecosystem services—and contributes to alleviate poverty.
- Restoring coastal and marine ecosystems helps protect and bring back some of the richest biodiversity hotspots on Earth. These ecosystems also provide storm protection, fisheries and carbon storage.
- Between 20 and 50 percent of global blue carbon ecosystems (highly productive vegetated coastal ecosystems such as mangroves, salt marshes, and seagrass beds) have already been converted or degraded, leading some analysts to conclude that restoring wetlands can offer 14 percent of the mitigation potential needed to limit global warming to 2°C.
- The area covered by blue carbon ecosystems is equivalent to only 1.5 percent of terrestrial forest cover, yet their loss and degradation are equivalent to 8.4 percent of CO2 emissions from terrestrial deforestation because of their high carbon stocks per hectare.

RESPONSE

Led by El Salvador and together with over 70 countries, the United Nations General Assembly (UNGA) proclaimed 2021–2030 as the Decade on Ecosystem Restoration on March 1, 2019. In its resolution, the UNGA recalls the United Nations Environment Assembly's resolution calling for the conservation and restoration of all ecosystems. The UN Environment Programme (UNEP) and Food and Agriculture Organization (FAO) are tasked to lead the implementation. The UN Decade on Ecosystem Restoration also aligns with the Decade of Action for the Sustainable Development Goals.

Political momentum for action, as demonstrated by the call for this Decade, is growing and it is not happening in a vacuum. Awareness of climate change and other environmental challenges has reached new heights in many countries. Scientific studies that highlight the potential of restoration in fighting global warming have mobilized journalists and their audiences alike.



Mangrove forest, Indonesia. ©Unsplash

Meanwhile, rural communities, and especially indigenous peoples, have long been the custodians of ecosystems. Securing their rights and building on their knowledge is critical for the success of restoration and for protecting a large portion of the world's biodiversity.

The UN recognizes the critical role of the many initiatives already underway, led by governments, businesses, farmers and citizens who want to rebuild the land and water ecosystems we all depend on. In a series of worldwide consultations with representatives from Member States, scientists, restoration initiatives, funding partners, youth groups and others, we will capture their diverse voices and expertise and integrate their recommendations into the Decade's strategy. Nearly a thousand people and entities have so far provided feedback, given advice and shared personal stories about local restoration successes.

Here is what they said.

Set clear, traceable goals

The Decade, as mentioned above, is designed to achieve existing targets defined by the Sustainable Development Goals, the Convention on Biological Diversity, the UN Convention to Combat Desertification and other global frameworks. It will



We need to get the funding lined up. It will take US\$800 billion to restore 350 million hectares.

also act as an accelerator to ongoing restoration efforts, such as the Bonn Challenge, which aims to restore 350 million hectares of degraded landscapes by 2030 or the New York Declaration on Forests, which supports the Bonn Challenge in its goal 5.

But efforts to track and trace success should go beyond numbers. Factors that currently hinder the success of restoration efforts include a lack of finance and difficulties in accessing knowledge.

To succeed, leaders must be ambitious, bold and creative in tackling these hurdles, and act strategically. “We need to get the funding lined up. It will take 800 billion to restore 350 million hectares. Sounds a lot? Not really—it’s less than two years’ worth of fossil fuel subsidies,” highlighted UNEP Executive Director Inger Andersen in New York.

To successfully implement the strategy and rise up to the challenge, the Decade requires support from all segments of society. Governments will need to align restoration efforts with national planning processes, including nationally determined contributions, and provide additional commitments and financial resources. On the other hand, implementation must be traceable and tangible,

down to national and sub-national levels. To help with running and coordinating the UN Decade on Ecosystem Restoration, UNEP and the Food and Agriculture Organization of the United Nations call on all countries in a position to provide resources.

Get everyone involved

During the UN Decade consultations, venues were filled to the last seat, with people having to stand at the back leaning against walls, rubbing shoulders. Yet no one felt uncomfortable, quite the opposite: this is exactly the kind of engagement that is needed, they said.

They also felt that we need a wide diversity of skills, knowledge and experience for action. “My grandmother does not have a Ph.D. in land restoration,” said Hindou Oumaro Ibrahim, coordinator of the Indigenous Women and Peoples Association of Chad. “But she is now being recognized by the Intergovernmental Panel on Climate Change because she is an expert on her land. So why can’t we move from saying, ‘We need to be experts on this,’ and go to those who have already been restoring for centuries?”

Indeed, people across the world have different roles to play in ecosystem restoration. Some can directly help protect and bring back nature—farmers, hobby gardeners or activists. Others will have an impact through their choices as consumers. Discussions at the Global Landscapes Forum stressed the importance of combining indigenous knowledge with

modern technology and the latest of scientific research.

People also approach restoration with different motivations. In a recent poll, 35 per cent said they cared about ecosystems because all our lives depend on them, while 15 per cent cited environmental justice as the main motivator and 8 per cent pointed out that to them, nature itself had rights. Only 6 per cent are motivated primarily by economic factors.

Listen to what's happening on the ground

Ecosystem restoration is a grassroots response to global challenges, similar to countless initiatives across the world—from small school gardens to large-scale efforts covering millions of hectares. As the Decade acts as a catalyst and builds upon these efforts, initiatives must be sensitive to local needs and context. “What I want from the Decade is patience,” said Mauricio Nuñez, a young practitioner from Peru. “There’s always this rush to go to scale. And the scale is good. But we also need time to try out what works... and the recognition that these smaller efforts are important.”

It is with this in mind that the Decade team will work with local communities and all stakeholders over the next 10 years to help accelerate mature initiatives while encouraging those that are still in their flowering stages.

Key Milestones

As we work towards launching the UN Decade on Ecosystem Restoration, key milestones will include:

30 November 2019

Conclusion of the first phase of consultations and interviews.

February 2020

Second round of consultations and interviews. Draft strategy posted online for review.

February – 30 April 2020

Draft Strategy open for stakeholder comments.

March 2020

Visual identity for the Decade launched.

June 2020

Comments are incorporated and the revised strategy is finalized.

June 2020 (tentative)

UN Decade strategy presented at the UN Ocean Conference and IUCN World Conservation Congress

July 2020 (tentative)

Event in New York for Member States and UN observers to present the strategy.

September - December 2020 (tentative)

The UN Decade on Ecosystem Restoration is presented on the sidelines of the UN General Assembly; other possible high-level events might take place at CBD COP-15 in Kunming/China, at UNFCCC COP-26 and UNCCD COP-15 in 2021.

1 January 2021

Start of the UN Decade on Ecosystem Restoration; establishment of the core FAO & UNEP team, Advisory Boards, and Partnerships.

February 2021

Restoration focus at UNEA-5 in Nairobi.

Interested in getting involved? Contact the **UN Decade on Ecosystem Restoration** team at RestorationDecade@un.org or visit our website decadeonrestoration.org and spread the word.