



Transforming collaborations and shifting finance flows for a global step change in mangrove restoration and protection.

The Mangrove Breakthrough is a global movement to reshape how mangroves are valued, financed, and protected. It brings together governments, investors, civil society, and local communities to drive system-wide change, —mobilizing \$4 billion to secure the future of over 15 million hectares of mangroves by 2030. This isn't just a conservation effort, —it's a blueprint for how nature can be integrated into global economic and climate systems.

The Breakthrough was launched at COP27 and brought together governments, non-governmental organizations (NGOs), researchers, and financiers to mobilize collectively around four actions, building off the guiding principles developed by the Global Mangrove Alliance (GMA):

1. Reduce net mangrove losses driven by humans to 0
2. Ensure long-term protection for 80% of remaining mangroves
3. Restore mangroves to cover at least half of all recent loss
4. Drive sustainable finance to existing mangrove extent



Minister of Mexico signing endorsement



OUR MISSION



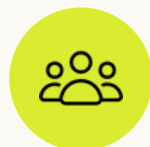
Vision

To reshape how mangroves are valued, financed, and protected — ensuring they thrive for people, nature, and climate.



Mission

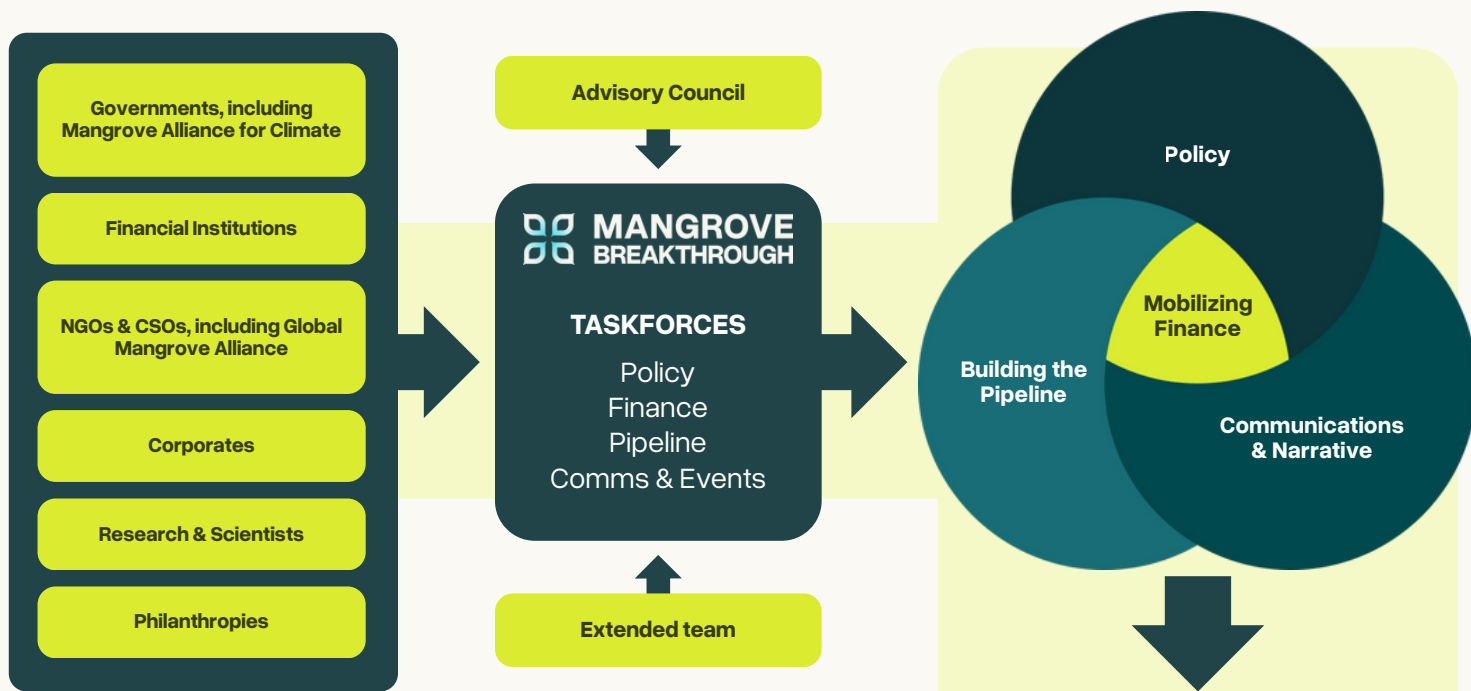
To mobilize \$4 billion to secure the future of 15 million hectares of mangroves by 2030.



Our Actions

We bring together communities, governments, investors, and global leaders to elevate mangroves as essential to a livable future.

OUR OPERATIONAL MODEL



TRANSFORMATIVE COLLABORATION

- Build a global mangrove community, bringing together governments, CSOs, and the private sector working toward the MB goals

MANGROVE-POSITIVE POLICY & REGULATIONS

- National and subnational governments endorsements
- Mangrove-positive targets and measures in revised NDCs and NBSAPs
- National regulations and funding enhanced to enable mangrove-positive investments

A ROBUST GLOBAL PROJECT PORTFOLIO

- Develop a global 'platform' of mangrove-positive projects, aggregating projects from partners (NGOs, project developers, private sector...)
- Put local communities at the center, from access to finance to communities knowledge sharing.

ENSURING LONG-TERM SUSTAINABLE FINANCE

- Mobilize \$4bn for mangrove conversation and restoration.
- Build a toolbox to mobilize private capital.

COMMUNICATION

- Mobilize governments, the financial sector, CSOs, and the general public toward the goals.
- Promote the Breakthrough narrative.
- Position the Breakthrough on global stage.

OUR IMPACT

\$4 billion

The \$4 bn target is how we unlock the Mangrove Breakthrough's four goals. It's our pathway to securing 15 million hectares of mangroves by 2030

Achieving the Mangrove Breakthrough goals is estimated to:



15

Sequester over 43.5 million tons of CO₂ into mangrove biomass and safeguard an additional 18 million tons of CO₂.



50%

Restore half of recently lost mangroves with the potential to provide habitat for over 25 billion juveniles across 37 commercial marine species each year.



15m

Protect coastlines against storms and reduce flood risk for over 15 million people and over \$65 billion worth of property annually – securing lives, infrastructure and economic security.

OUR GUIDING PRINCIPLES

The following principles serve as guardrails, so endorsers can contribute to the Mangrove Breakthrough in a meaningful and productive way, and ensure successful mangrove interventions.



Safeguard nature



Empower people



Design for sustainability



Mobilize high-integrity capital



Employ best information and practices



Align to the broader context – operate locally and contextually

Many international frameworks and agreements recognize the value and benefits of healthy mangroves for mitigating and adapting to climate change, safeguarding biodiversity, reducing disaster risk, and achieving sustainable development goals.

The Mangrove Breakthrough directly supports the achievement of the goals of: **The Paris Agreement, the Kunming–Montreal Global Biodiversity Framework ecosystem conservation and restoration goals, the Ramsar Convention on Wetlands, 30x30 targets, the UN Decade on Ecosystem Restoration and the UN Decade of Ocean Science.**

OUR STAKEHOLDER ENDORSERS AND PARTNERS

48 national and subnational governments have endorsed the Breakthrough, alongside 48 financial institutions and over 100 CSOs

Government Endorsements

National Governments



Subnational Governments



100+ NGOs, Financial Institutions, and Research Organizations



Join the movement. Endorse the Breakthrough.

Download and complete the endorsement letter template for government and non-state actors.

Send it to:

mangroves@ambitionloop.earth

with:

- A brief overview of your mangrove-related work
- How you'd like to contribute
- Organization info and logo

Need help? The Mangrove Breakthrough Hub is here to support you.

Halt Loss

Reduce net mangrove losses driven by direct human actions to zero.

Rates of mangrove loss appear to have slowed in recent decades, and it is an opportune moment to set the challenge to halt further losses. While we can aspire to halt all losses, this target refers to direct, and therefore manageable, human-driven loss. However, recognizing that mangroves are dynamic ecosystems, we acknowledge the possibility of making further gains as mangroves naturally colonize new locations[1]. Any such gains should be additional to the gains made by halting losses of remaining cover. Between 2010–2020, over 60,000 ha were lost, and we can estimate that 37,300 ha of this was due to direct human impacts. To bring such losses to zero by 2030 we need to start to reduce loss rates today. Assuming a linear rate of reduction in human-driven losses this would save approximately 16,800 ha by the end of 2030 compared to business as usual.

Source for Price: [Zeng et al., \(2021\) Global potential and limits of mangrove blue carbon for climate change mitigation. Curr. Biol.](#)

Note that this includes yearly maintenance costs at \$25/ha

Double Protection

Ensure long-term protection is increased from 40% to 80% of remaining mangroves.

With 41% of the world's mangroves currently in protected areas, mangroves are already well covered compared to many other ecosystems. However, fundamental to lasting reduction of loss and restoration efforts is ensuring that those efforts are not reversed, through the incorporation of mangroves into permanent forms of protection. These include traditional protected areas, but also Other Effective Area-based Conservation Measures (OECMs), which could encompass indigenous lands and areas of sustainable use where mangroves are protected from clear-felling and conversion. Given the current global mangrove area and what is already protected, the Mangrove Breakthrough aims to secure a further 6,100,000 ha under conservation measures.

Source for Price: [Su et al., \(2021\) A meta-analysis of the ecological and economic outcomes of mangrove restoration. Nat. Commun.](#)

Total Hectares:
15,109,200

Total needed investment:
4.07 billion

Yearly investment needed through 2030:
600 million

Next 5 years	USD Price per Ha	Goal in Ha	Total
Halt Loss	382	16,800	6.4 million
Restore Half	1,097	409,200	450 million
Double Protection	382	6,100,000	2,330 million
Sustainable Financing	150	8,583,200	1,287 million

References: [1] D. Lagomasino, T. Fatoyinbo, S. Lee, E. Feliciano, C. Trettin, A. Shapiro, M.M. Mangora, Measuring mangrove carbon loss and gain in deltas, *Environmental Research Letters* 14(2) (2019) 025002. 10.1088/1748-9326/aaf0de. [2] P. Menéndez, I.J. Losada, S. Torres-Ortega, S. Narayan, M.W. Beck, The Global Flood Protection Benefits of Mangroves, *Scientific Reports* 10(1) (2020) 4404. 10.1038/s41598-020-61136-6. Note: this study is providing some indication of how such values play out, although current models are insufficient to determine more exact values from specific locations or restoration actions. [3] All mapping data comes from Global Mangrove Watch: <https://www.globalmangrovetwatch.org>

ANNEX



RACE TO ZERO

MANGROVE BREAKTHROUGH



Restore Half

Restore mangroves to cover at least half of all recent loss.

Over 1,100,000 ha of mangroves have been lost since 1996, the year that sets the baseline for our definition of “recent” loss; however, not all of these are restorable due to erosion or urbanization. It is estimated that 818,300 ha of mangroves are considered “restorable”, and the goal is to restore half of this area by 2030. This is a deeply ambitious goal. Although the target does not include areas that would be nearly impossible to restore, the restoration of even the remaining areas is likely to be highly variable. Assuming science-based restoration practices are employed and result in long-lasting restoration, restoring half of the recent loss would be 409,150 ha by 2030 (~51,000 ha per year).

Source for Price: [Zeng et al., \(2021\) Global potential and limits of mangrove blue carbon for climate change mitigation. Curr. Biol.](#) Note that this includes yearly maintenance costs at \$25/ha



Sustainable Financing

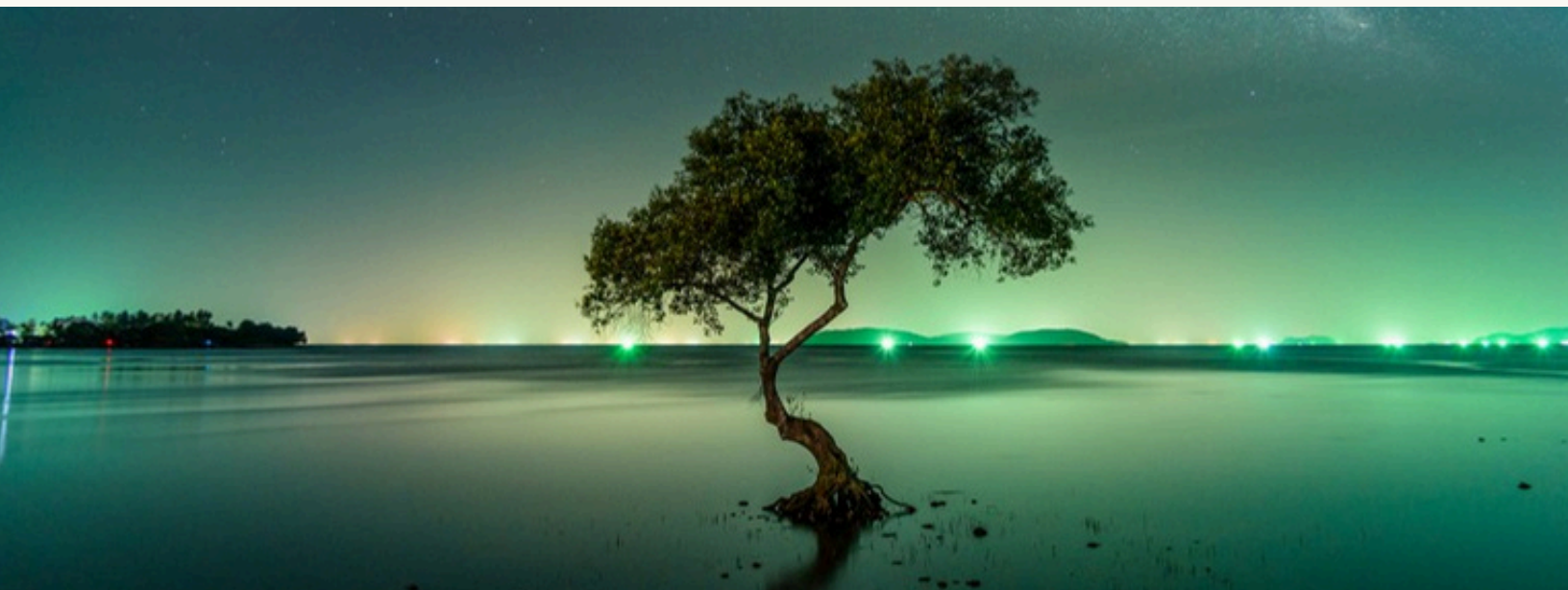
Ensure sustainable finance to existing mangrove extent.

This metric is not included in the Global Mangrove Alliance’s target. The hectares accounted for in this line are calculated by using the Global Mangrove Watch’s 2020 extent and subtracting out the goals of doubling protection and halting loss. While these mangroves are not perceived as under threat or degraded, it is important to note that there is a cost to maintaining mangroves, and ensuring sustainable finance flows is critical to ensure that they remain safe into the future. The Mangrove Breakthrough includes this metric to show the full cost to financing all mangroves across the world. The \$25 per hectare is an average and will vary greatly across countries.

The Mangrove Breakthrough will ensure sustainable finance for the existing mangrove extent, maintaining and sustaining the existing coverage of 14.7 million hectares.

Source for Price: [Zeng et al., \(2021\) Global potential and limits of mangrove blue carbon for climate change mitigation. Curr. Biol.](#)

Note that these hectares may not be at risk of loss or require additional protections, but this goal aims to ensure sustainable financing to existing protection and management regimes. N.B. Current extent (2020) per Global Mangrove Watch = 14.7 million ha. We subtracted the other goals from this to ensure no double counting with above.



References: [1] D. Lagomasino, T. Fatoyinbo, S. Lee, E. Feliciano, C. Trettin, A. Shapiro, M.M. Mangora, Measuring mangrove carbon loss and gain in deltas, *Environmental Research Letters* 14(2) (2019) 025002. 10.1088/1748-9326/aaf0de. [2] P. Menéndez, I.J. Losada, S. Torres-Ortega, S. Narayan, M.W. Beck, The Global Flood Protection Benefits of Mangroves, *Scientific Reports* 10(1) (2020) 4404. 10.1038/s41598-020-61136-6. Note: this study is providing some indication of how such values play out, although current models are insufficient to determine more exact values from specific locations or restoration actions. [3] All mapping data comes from Global Mangrove Watch: <https://www.globalmangrovetwatch.org>