



DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
KAGAWARAN NG KAPALIGIRAN AT LIKAS YAMAN

MEMORANDUM

TO : The Directors
Forest Management Bureau
Biodiversity Management Bureau
Ecosystems Research and Development Bureau

FROM : The Undersecretary
Finance, Information Systems and Climate Change

SUBJECT : **THE MANGROVE BREAKTHROUGH**

DATE : 07 September 2023

This refers to the attached email of Mr. Carlos Correa of Conservation International, inviting the DENR to join the Mangrove Breakthrough.

The Mangrove Breakthrough is a multi-stakeholder initiative or a community of action dedicated to sustainably manage and increase the mangrove cover by 2023 by catalyzing a USD 4 billion shared global goal. It is a science-based, measurable, and achievable goal for non-state actors and governments to collectively restore and protect mangroves at the scale needed to secure these vital coastal forests.

Governments joining the Breakthrough are requested to commit to a shared global target, create an investment pipeline, accelerate radical collaboration and coordination, and scale up financial commitments.

In a letter dated 04 August 2023 to Secretary Enrique Manalo of the Department of Foreign Affairs, the Secretary recommended the acceptance of the invitation of the Mangrove Alliance for Climate Change. On 05 September 2023, the Department of Foreign Affairs issued Note Verbale No. 221-2023 informing the Ministry of Foreign Affairs of the United Arab Emirates of the Philippine Government's acceptance of UAE's invitation to join the Mangrove Alliance for Climate Change and will henceforth participate in a wide range of initiatives regarding sustainability of mangrove forests.

In view of the above, may we request your comments/recommendations regarding participating in the Mangrove Breakthrough. We also request your comments/inputs on the attached Mangrove Declaration.

ATTY. ANALIZA REBUELTA-TEH

MEMO NO. 2023 - 807



MOST IMMEDIATE

Note No. 221-2023

The Embassy of the Republic of the Philippines in Abu Dhabi presents its compliments to the Ministry of Foreign Affairs of the United Arab Emirates and has the honor to inform the esteemed Ministry that the Philippine Government accepts the UAE's invitation to join the Mangrove Alliance for Climate Change (MAC) which the UAE initiated in partnership with Indonesia, and will henceforth participate in a wide range of initiatives regarding sustainability of mangrove forests.

In this regard, the Embassy would appreciate the esteemed Ministry's assistance in conveying the Philippine Government's acceptance of UAE's invitation to join the Mangrove Alliance for Climate Change to the Ministry of Climate Change and Environment (MOCCA).

The Embassy of the Republic of the Philippines in Abu Dhabi avails itself of this opportunity to renew to the Ministry of Foreign Affairs of the United Arab Emirates the assurances of its highest consideration.

05 September 2023



MINISTRY OF FOREIGN AFFAIRS

United Arab Emirates



Mangrove Breakthrough Declaration

1. We recognize mangroves ecosystems' role as carbon sinks and reservoirs, their contribution to reducing the adverse impacts of climate change, their capacity as a natural filtering system, their importance in trapping sediment, their ability to stabilize shorelines against the pressure of increased erosion and their role as a sink for accumulation of land and sea-based pollution. [Source: UNEP_EA.4_RES.12]
2. We also recognize the significant role of mangroves in addressing the impact of climate change, development and pollution, and in providing protection from natural disasters, such as tropical storms, hurricanes, tsunamis and coastal erosion. [Source: UNEP_EA.4_RES.12]
3. We acknowledge that millions of the world's inhabitants depend on the health of mangrove forests and related ecosystems, in their role as a primary source of food and income, for sustainable livelihoods and development. [Source: UNEP_EA.4_RES.12]
4. We emphasize the role that mangrove ecosystems can play in attaining Nationally Determined Contribution (NDCs) targets, and other international frameworks such as National Biodiversity Strategies and Action Plans (NBSAPs) and National Adaptation Plans (NAPs), where appropriate. [Source: UNEP_EA.4_RES.12]
5. In this sense, we express our support to the Mangrove Breakthrough, which is an ambitious multi-stakeholder initiative aiming to create a step change in action for mangroves, unlocking \$4 billion and securing the future of 15 million hectares of mangrove forests by 2030.
6. We note that, as part of the UNFCCC's 2030 Breakthrough Agenda, and building on work by the Global Mangrove Alliance, the Mangrove Breakthrough provides a framework for state and non-state actors to work together towards this shared ambition.
7. By joining the Mangrove Breakthrough we pledge to:
 - Setting and meeting ambitious but achievable contributions toward the goal of securing the future of 15 million hectares of mangrove globally by 2030.



- Joining the Mangrove Breakthrough's Community of Action by implementing action and projects to advance the Breakthrough's global goals through the exchange of best practices and lessons learned to address implementation challenges, building on the best available science.
 - To contribute to the implementation of the Mangrove Breakthrough Finance Roadmap, setting up the enabling conditions and, if possible, provide new catalytic funding, to attract capital for mangroves action and contribute to the goal of investing USD 4 billion target by 2030.
 - Embracing the six Mangrove Breakthrough Guiding Principles: 1) safeguard nature and maximize biodiversity, 2) employ the best information and practices, 3) empower people, 4) align to the broader context, 5) design for sustainability, and 6) mobilize high-integrity capital.
8. We call on other national and subnational governments, as well as non-state stakeholders, to join the Mangrove Breakthrough to mobilize action at scale for mangrove ecosystems.

Supported by:

[Name of Government]



DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
KAGAWARAN NG KAPALIGIRAN AT LIKAS YAMAN

August 4, 2023

HON. ENRIQUE A. MANALO

Secretary

Department of Foreign Affairs

Dear Sec. Manalo,

This refers to the letter of H.E. Mariam Bint Mohammed Almheiri, Minister of Climate Change and Environment, Ministry of Climate Change and Environment, United Arab Emirates regarding its invitation for the Philippines to join the Mangrove Alliance for Climate Change (MAC).

MAC is a global initiative that aims to scale up and accelerate conservation, restoration of mangroves through community-based planting to support livelihood, information sharing and knowledge exchange. The MAC aims to promote mangroves as nature-based solution for climate change mitigation and adaptation.

The Philippines has around 300,000 thousand hectares of mangrove forests and has relatively high mangrove diversity with 35 mangrove species. About 19% of total mangrove area is located within existing protected area networks, with the greatest area of protected mangroves located on Palawan.

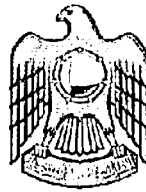
The MAC would be a good platform for country's outreach and engagement in terms of research and development innovation and mangrove management. In this regard, the DENR recommends accepting the invitation to join the MAC and participate to a wide range of initiatives regarding sustainability of mangrove forests in the country.

Thank you.

Very truly yours,


MARIA ANTONIA TULO LOYZAGA
Secretary





UAE/MNL-22-541

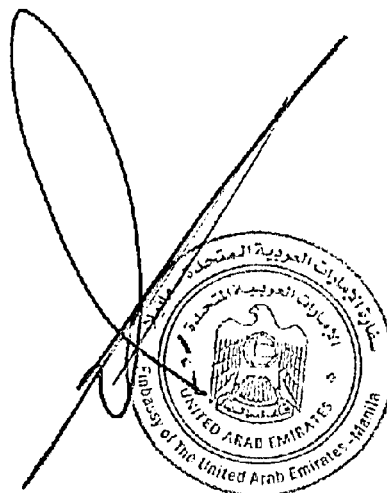
The Embassy of the United Arab Emirates presents its compliments to the Department of Foreign Affairs Office of the Middle East and African Affairs (OMEAA) of the Republic of the Philippines and has the honor to request the Department's assistance to transmit a letter of invitation from Her Excellency Mariam Bint Mohammed Almheiri, Minister of Climate Change and Environment of the United Arab Emirates for Her Excellency Maria Antonia Yulo Loyzaga, Secretary of the Department of Environment and Natural Resources (DENR) of the Republic of the Philippines.

Attached letter, is an invitation to the Republic of the Philippines to join the Mangrove Alliance for Climate (MAC), a UAE initiative, in partnership with the Republic of Indonesia, which will be officially launched at COP27 in Sharm El-Sheikh, Egypt and then further amplified at the G20 summit.

The Embassy of the United Arab Emirates avails itself of this opportunity to renew to Department of Foreign Affairs Office of the Middle East and African Affairs (OMEAA) of the Republic of the Philippines the assurances of its highest consideration.

17 October 2022

The Department of Foreign Affairs
Manila, Philippines





Our ref: MOCCA/E/EA/3016/2022
Date: 21/09/2022

H.E Maria Antonia Yulo Loyzaga
Secretary of Environment and Natural Resources
Philippines

**SUBJECT: INVITATION TO JOIN THE MANGROVE ALLIANCE FOR CLIMATE (MAC): A UAE INITIATIVE, IN PARTNERSHIP WITH
INDONESIA**

The Ministry of Climate Change and Environment in the United Arab Emirates presents its respects and compliments to Philippines. Our planet is facing major challenges and accelerated changes in climate, and biodiversity loss continues to threaten nature, human lives and livelihoods.

Nature based solutions present an opportunity to strengthen our resilience to climate change through mitigation and adaptation, while conservation and restoration approaches would enhance the planet's resilience to climate change. **The United Arab Emirates, in partnership with Indonesia, is launching the Mangrove Alliance for Climate (MAC).**

MAC is a global initiative that aims to scale up and accelerate conservation, restoration, and community based growing plantation efforts of mangrove ecosystems for the benefit of communities globally. In addition, MAC aims to recognize the importance of these ecosystems for climate change mitigation and adaption. Specifically, the members commit to plant, rehabilitate, and restore mangroves within their country, as well as support others to do the same through information sharing and knowledge exchange. A detailed concept note of the alliance is attached.

The UAE would like to invite Philippines to join the Mangrove Alliance for Climate, which will be officially launched at COP27 in Sharm El-Sheikh, Egypt and then further amplified at the G20 summit. Your country's leadership and involvement is crucial to the success of the alliance and the achievement of our common goals.

For more information, please do not hesitate to contact Ms. Hiba Alshehi - Director of Biodiversity on the email hodarwish@moccae.gov.ae, and Ms. Raa Daher - Protocol and International Cooperation Specialist, on the email rwdaher@moccae.gov.ae.

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I take this opportunity to thank you for your kind consideration and look forward to hopefully seeing you soon in person in one of the many events happening in the next months.

Sincerely,

A handwritten signature in black ink, appearing to read 'Mariam Almheiri', written in a cursive style.

Mariam Bint Mohammed Almheiri
Minister of Climate Change & Environment
Ministry of Climate Change and Environment

**DENR**

Undersecretary for Policy, Planning and International Affairs <ouppia@denr.gov.ph>

Fwd: OSEC-2023-005418: Mangrove Breakthrough: invitation to join

DENR OSEC Referral <osec.referral@denr.gov.ph>

Sat, Aug 26, 2023 at 8:18 PM

To: "Undersecretary for Policy, Planning and International Affairs" <ouppia@denr.gov.ph>

Cc: Biodiversity Management Bureau <bmb@denr.gov.ph>, ouart.denr20@gmail.com, OSEC Appointments <osec.appointments@denr.gov.ph>, ccorrea@conservation.org

Sir/Madam:

Good day. Respectfully referred to your good office for information and appropriate action, with EDATS No. OSEC-2023-005418.

Thank you.

NOTE: DO NOT REPLY TO THIS EMAIL. For updates, inquiries and other communications, please send to osec@denr.gov.ph.



OFFICE OF THE SECRETARY
4/F DENR Main Building
Visayas Avenue, Diliman
Quezon City

From: **Carlos Correa** <ccorrea@conservation.org>

Date: Fri, Aug 18, 2023 at 10:38 AM

Subject: Mangrove Breakthrough: invitation to join

To: osec@denr.gov.ph <osec@denr.gov.ph>, ohea@denr.gov.ph <ohea@denr.gov.ph>

Cc: annadel.cabanban@wetlands.org <annadel.cabanban@wetlands.org>, mariajosella.pangilian@wetlands.org <mariajosella.pangilian@wetlands.org>, Luz Gil <luz.gil@tnc.org>, Tol, Susanna <Susanna.Tol@wetlands.org>

MARIA ANTONIA YULO LOYZAGA

Secretary, Department of Environment and Natural Resources (DENR)

Dear Secretary Maria Antonia Yulo,

I am writing to extend an invitation to you and your government to join a transformative initiative that holds the key to securing the future of our invaluable mangrove ecosystems. The **Mangrove Breakthrough** is an ambitious multi-stakeholder initiative aiming to create a step change in action for mangroves, unlocking USD 4 billion and securing the future of 15 million hectares of mangrove forests by 2030. As part of the UNFCCC's 2030 Breakthrough Agenda and building on the work by the Global Mangrove Alliance (GMA), the Mangrove Breakthrough provides a framework for state and non-state actors to halt mangrove loss, restore half of recent losses, double protection of mangroves globally, and ensure sufficient and sustainable long-term finance for all existing mangroves.

Governments are crucial stakeholders to achieve a step change in mangrove action. By joining the Mangrove Breakthrough, governments can demonstrate their leadership to turn their mangrove protection and restoration commitments across international frameworks and agreements into concrete actions and impacts. A few weeks ago, we held the Mangrove Breakthrough Technical Workshop, where we established ambitious policy goals for the Mangrove Breakthrough initiative, spanning across COP28 and its subsequent phases. In this sense, I am pleased to provide you with the following documents for your reference:

- **Mangrove Breakthrough Leaflet:** explains in detail the Mangrove Breakthrough's goals and principles.
- **Government Engagement Roadmap:** this document maps the Mangrove Breakthrough policy objectives and the strategy for mobilizing governments.
- **Mangrove Breakthrough Declaration:** the declaration will be the primary vehicle for governments to join the Mangrove Breakthrough. We will have an event at COP28 to showcase the signatories and their commitment to scaling mangrove action.

We would be honored to have you and your government participate in this important initiative. Your expertise, insights, and commitment will undoubtedly contribute to the success of our collective efforts to safeguard the 15 million hectares of mangroves that play an integral role in the health of our planet.

Please reach out to me or Luz Gil (cc'd) if you would like to know more about how your government can engage with the Mangrove Breakthrough. We would be happy to set up a call to discuss this further or any questions you might have.

Best,

Carlos Correa

3 attachments



Mangrove Breakthrough Leaflet.pdf

5614K



Government Engagement Roadmap.pdf

294K



Mangrove Breakthrough Declaration.pdf

180K

The Mangrove Breakthrough



© Nanang Sujana

Climate change is the greatest threat of our time. The ability of mangroves to provide food, shelter, and livelihoods, while harboring incredible biodiversity, building coastal resilience, and acting as immense carbon sinks makes mangrove conservation and restoration a uniquely effective strategy to have in our arsenal to combat climate change. With coastal communities already facing the impacts of a changing climate, we urgently need to invest in conserving and restoring mangroves now as nature-based solutions to adapt to our changing planet.



GLOBAL
MANGROVE
ALLIANCE



RACE TO
RESILIENCE

RACE TO ZERO

Over 1 million hectares of mangroves have been lost since 1996, highlighting the urgent need for action to protect these vital ecosystems. While progress has been made in recent years to slow the rate of loss, the potential of mangroves to benefit both people and biodiversity, as well as their vital role in mitigating climate change, requires urgent collective action. It is time to turn the tide in mangrove action through long-term protection and sustainable finance to ensure lasting benefits.

Building on the **Breakthrough Agenda**, and the work of the **Global Mangrove Alliance**, the Mangrove Breakthrough provides a framework for State and non-State Actors to work together towards the shared ambition of securing the future of over 15 million hectares of mangroves globally by 2030, through collective action on:

- **Halting** mangrove loss
- **Restoring half** of recent losses
- **Doubling the protection** of mangroves globally
- **Ensuring sustainable long-term finance** for all existing mangroves

An umbrella for leading mangrove initiatives

The Mangrove Breakthrough **Community of Action** is a group made up of **civil society organizations, governments,** and the **private sector**, working together to achieve the Breakthrough's goals through various actions and projects.

Joining the Mangrove Breakthrough and its Community of Action means becoming part of a global movement that accelerates critical climate and biodiversity targets. It also provides an opportunity to showcase leadership in mangrove action and contribute to or receive financing for projects. By being part of this Community of Action, stakeholders ensure successful mangrove interventions that build on the best available science, best practices, and lessons learned.



© Ralph Pace

The Mangrove Breakthrough is a community of action dedicated to sustainably managing and increasing mangrove cover by 2030 by catalyzing a USD 4 billion shared global goal.

The Mangrove Breakthrough Guiding Principles

Stakeholders endorsing to the Mangrove Breakthrough commit to science-based mangrove restoration in a fair and equitable way. The following principles serve as guardrails, so endorsers can contribute to the Mangrove Breakthrough in a meaningful and productive way, and to ensure successful mangrove interventions:



Safeguard nature



Employ the best information and practices



Empower people



Align to the broader context - operate locally and contextually



Design for sustainability



Mobilize high-integrity capital

Endorsing the Mangrove Breakthrough

By endorsing the Mangrove Breakthrough, stakeholders pledge to:

- Set and meet ambitious but achievable contributions toward the goal of securing the future of 15 million hectares of mangrove globally by 2030
- Join the Mangrove Breakthrough's Community of Action to support its global objectives through sharing best practices and relying on the latest science
- Set up the enabling conditions and, if possible, providing catalytic funding, to attract capital for mangrove action
- Adopt the Principles as guardrails to ensure contributions are meaningful, productive, equitable, and science-based

Catalyzing global ambitions

The recognition of the value of healthy mangroves and their benefits for mitigating and adapting to climate change, safeguarding biodiversity, disaster risk reduction, and achieving sustainable development goals is present in many international frameworks and agreements.

The Mangrove Breakthrough directly supports the achievement of the goals of the Paris Agreements, the ecosystem conservation and restoration goals under the Kunming-Montreal Global Biodiversity Framework, Ramsar resolutions, 30x30 targets, the UN Decade on Ecosystem Restoration and the UN Decade of Ocean Science.



© Roshni Lodhia

Impact of the Breakthrough

In achieving the Mangrove Breakthrough, we estimate a climate benefit of sequestering over 43.5 million tons of CO₂ into mangrove biomass and safeguarding or sequestering an additional 189 million tons of CO₂ in the soil. Restoring half of recently lost mangroves would potentially benefit 37 commercial marine species of fish, crabs, bivalves and shrimp by providing habitat for over 25 billion juveniles each year. And the coastal protection provided by mangroves against flooding and storms – securing lives, infrastructure and economic security – has been estimated to reduce flood risk for over 15 million people and over \$65 billion worth of property annually.

USD 4 billion
raised under the
Breakthrough would
have an outsized impact
on benefits as total
ecosystem services add
up to **USD 700 billion.**



© Global Mangrove Alliance / Felipe Jacome

The Mangrove Breakthrough



To date, the Mangrove Breakthrough is endorsed by the following stakeholders:

Please indicate your interest in joining The Mangrove Breakthrough by contacting:

Jennifer Ring at: jennifer.ring@systemiq.earth



earth security



To date, the Mangrove Breakthrough is endorsed by the following stakeholders:

Please indicate your interest in joining The Mangrove Breakthrough by contacting:

Jennifer Ring at: jennifer.ring@systemiq.earth



Annex: The Mangrove Breakthrough in detail

Next 7 years	USD Price per Ha	Goal in ha	Total	Source for Price Notes
Halt loss	382	16,800	6.4 million	Zeng et al., (2021) Global potential and limits of mangrove blue carbon for climate change mitigation. Curr. Biol. https://doi.org/10.1016/j.cub.2021.01.070 Note this includes yearly maintenance costs at \$25/ha
Restore half	1,097	409,200	450 million	Su et al., (2021) A meta-analysis of the ecological and economic outcomes of mangrove restoration. Nat. Commun. https://pubmed.ncbi.nlm.nih.gov/34413296/
Double protection	382	6,100,000	2,330 million	Zeng et al., (2021) Global potential and limits of mangrove blue carbon for climate change mitigation. Curr. Biol. https://doi.org/10.1016/j.cub.2021.01.070 Note this includes yearly maintenance costs at \$25/ha
Ensure sustainable finance to existing mangrove extent	150	8,583,200	1,287 million	Zeng et al., (2021) Global potential and limits of mangrove blue carbon for climate change mitigation. Curr. Biol. https://doi.org/10.1016/j.cub.2021.01.070 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 lines on protection and halting loss.
		Total Hectares	15,109,200	
		Total needed investment	4.07 billion	Yearly investment need through 2030: 600 million

Annex: The Mangrove Breakthrough in detail

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 seen to offer additionality 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 from now. 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.

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 seeks to restore half of this area by 2030. This is a deeply ambitious goal. Although the target does not include areas which would be near-impossible to restore, the "restorability" even of 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 recent loss would be 409,150 ha by 2030 (~51,000 ha per year).

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.

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 subtracts out the goals on 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 is including 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 existing mangrove extent in order to maintain and sustain existing coverage of 14.7 million hectares.



RACE TO ZERO



The Mangrove Breakthrough Government engagement roadmap

Background

The Mangrove Breakthrough is an ambitious multi-stakeholder initiative aiming to create a step change in action for mangroves, unlocking USD 4 billion and securing the future of 15 million hectares of mangrove forests by 2030. As part of the UNFCCC's 2030 Breakthrough Agenda and building on work by the Global Mangrove Alliance (GMA), the Breakthrough provides a framework for state and non-state actors to halt mangrove loss, restore half of recent losses, double protection of mangroves globally, and ensure sufficient and sustainable long-term finance for all existing mangroves.

The success of the Mangrove Breakthrough would sequester an estimated 43.5 million tons of CO₂ through mangrove biomass and an additional 189 million tons of CO₂ in the soil; benefit 37 commercial marine species of fish, crabs, bivalves, and shrimp by providing habitat for over 25 billion juveniles each year; and reduce storm and flood risk for over 15 million people and protect over USD 65 billion worth of property annually.

Governments are crucial stakeholders to achieve a step change in mangrove action. By joining the Mangrove Breakthrough, governments can demonstrate their leadership to turn their mangrove protection and restoration commitments across international frameworks and agreements into concrete actions and impacts. The [Mangrove Breakthrough Declaration](#) will be the main vehicle for governments to showcase their support to this initiative.

Policy Objectives of the Mangrove Breakthrough for 2030

On July 11 - 12 2023, the Mangrove Breakthrough held a technical workshop along with the Global Mangrove Alliance, the High-Level Climate Champions, the Ministry of Climate Change and Environment of the United Arab Emirates, the Environment Agency - Abu Dhabi, and Systemiq. The workshop aimed to bring diverse stakeholders together to ensure the Mangrove Breakthrough is set up for success and to develop a cross-sector action plan to elevate and accelerate the wide mangrove ecosystem.

During the workshop, stakeholders agreed on the following policy objectives for the Mangrove Breakthrough for COP28 and beyond:



WORLD TO ZERO



1. *Acknowledging and promoting mangrove ecosystems' various services and benefits.* These benefits include climate change mitigation and adaptation, coastal resilience, food security, biodiversity protection, and the creation of local jobs and livelihoods.
2. *Integrating mangrove ecosystems ambitions into international commitments and frameworks,* such as Nationally Determined Contributions (NDCs), National Adaptation Plans (NAPs), and National Biodiversity Strategies and Action Plans (NBSAPs), among others. Doing so can help signal government priorities and mobilize long-term financing to protect and restore these ecosystems. Similarly, it would be important to ensure that these ecosystems are represented at present and future Global Stocktakes (GST) as part of the ambition cycle of the Paris Agreement.
3. *Promoting international cooperation and funding* by engaging in international initiatives, partnerships and conventions related to mangrove conservation, restoration and sustainable development (e.g., Convention on Biological Diversity, Ramsar Convention, UN Decade on Ecosystem Restoration, UN Decade of Ocean Science). Also, collaborating with regional organizations and neighboring countries to address transboundary mangrove conservation issues and promote knowledge sharing.
4. *Establishing legal and regulatory frameworks* by promoting the development of legislation that protects mangroves from deforestation, degradation, and unsustainable practices, as well as by promoting the elimination of harmful subsidies towards these ecosystems, in order to halt mangrove loss.

Government Commitments to the Mangrove Breakthrough

In support of the previously mentioned policy objectives, and as per the Mangrove Breakthrough Declaration, governments joining the Mangrove Breakthrough pledge to:

- Setting and meeting ambitious but achievable contributions toward the goal of securing the future of 15 million hectares of mangrove globally by 2030.
- Joining the Mangrove Breakthrough's Community of Action by implementing action and projects to advance the Breakthrough's global goals through the exchange of best practices and lessons learned to address implementation challenges, building on the best available science.
- To contribute to the implementation of the Mangrove Breakthrough Finance Roadmap, setting up the enabling conditions and, if possible, provide new catalytic funding, to attract capital for mangroves action and contribute to the goal of investing USD 4 billion target by 2030.
- Embracing the six Mangrove Breakthrough Guiding Principles: 1) safeguard nature and maximize biodiversity, 2) employ the best information and practices, 3) empower



people, 4) align to the broader context, 5) design for sustainability, and 6) mobilize high-integrity capital.

Gains through participation in the Mangrove Breakthrough

Through participation in the Mangrove Breakthrough, governments will contribute to a truly transformative endeavor that will:

- Amplify impact: governments hold a unique position to drive policy change and provide the necessary regulatory frameworks for the conservation and restoration of mangroves. Government engagement will bolster the initiative's influence and effectiveness on a global scale.
- Foster collaborative solutions: the Mangrove Breakthrough is a platform for governments, civil society, financial institutions, and other sectors to exchange knowledge, share best practices, and collaborate on innovative solutions to tackle the multifaceted challenges facing mangroves.
- Secure a sustainable future: through the collaboration among governments and other stakeholders, the Mangrove Breakthrough will foster effective conservation and restoration strategies, and mobilize resources to ensure the long-term resilience of mangrove ecosystems.
- Drive policy change: government engagement in the Mangrove Breakthrough will help shape and influence policies at both national and international levels, fostering a conducive environment for the protection and restoration of mangroves.
- Demonstrate global leadership: by joining the Mangrove Breakthrough, governments will showcase their ambition at a global level toward tackling climate change.

Presence at milestone events and conferences before COP28

The months leading up to COP28 will be crucial for rallying government efforts towards achieving the Mangrove Breakthrough's ambitious goals. In the lead-up to COP28, several milestone events are set to pave the way for meaningful discussions and actions, further amplifying the significance of addressing mangrove ecosystems and to mobilize government engagement:

Events and Conferences	Timeline
MMM6	July 24 - 28
Africa Climate Week	Sept 4 - 6
Mangrove Breakthrough Webinar for Governments	TBD



RISE TO ZERO



UNGA High-Level Week	Sept 5 -19
G20 Summit	Sept 9 - 10
NY Climate Week	Sept 21 - 24
Marrakech 2023 - IMF/WB Summit	Oct 9 -15
LAC Climate Week	Oct 23 -27
Asia-Pacific Climate Week	November (TBD)

COP28 Presence

COP28 comes at a critical juncture to mobilize action to protect and restore mangrove ecosystems, therefore, we aim to have a strong presence at this conference. COP28 Presidency has expressed their interest in having mangroves high on the agenda. In its letter to Parties from July 13, the Presidency mentions that, together with the Forest and Climate Leaders Partnership (FCLP), they will facilitate financing packages to protect and sustainably manage major forest basins, including mangroves, with particular attention to indigenous and local community leadership and knowledge.

Also, by working closely with the High-Level Climate Champions and the Marrakesh Partnership for Global Climate Action (MPGCA), the Mangrove Breakthrough will be one of the five Nature Outcomes to be presented at COP28.

Tentative events for having a strong Mangrove Breakthrough presence at COP28:

COP28 Event	Description
Mangrove Ministerial	Ministerial-level meeting with countries that have endorsed the Mangrove Alliance for Climate
Signing of the <u>Mangrove Breakthrough Declaration</u>	High-level event where governments will showcase their support to the Mangrove Breakthrough Declaration
Side event on finance at the Nature Positive Pavillion	Side event to launch the Mangrove Breakthrough Finance Roadmap identifying different financial mechanisms to mobilize the USD 4 billion goal
Side event with GEI China	Side event focused on science and best

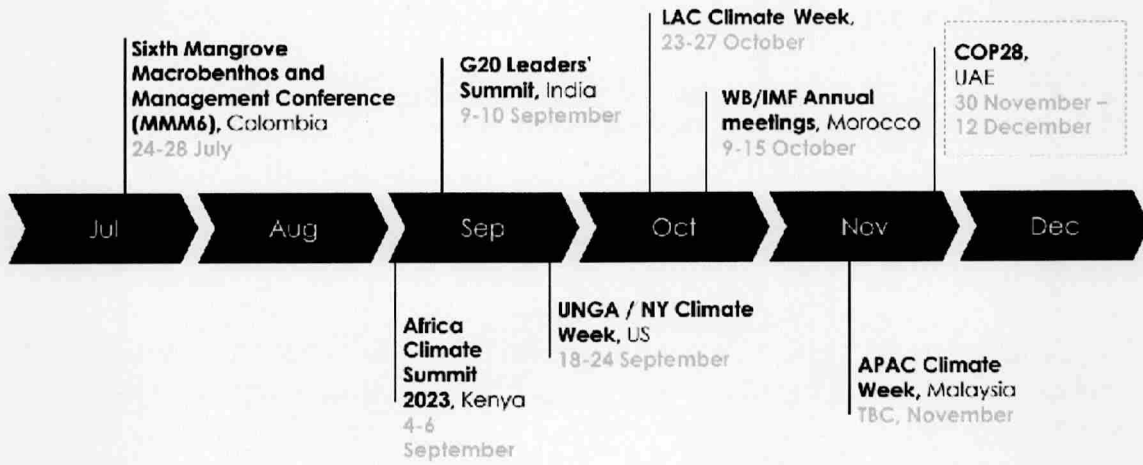


ROAD TO ZERO



practices for mangrove interventions at the Shared Presentation Hub

Timeline for upcoming months





Mangrove Breakthrough Declaration

1. We recognize mangroves ecosystems' role as carbon sinks and reservoirs, their contribution to reducing the adverse impacts of climate change, their capacity as a natural filtering system, their importance in trapping sediment, their ability to stabilize shorelines against the pressure of increased erosion and their role as a sink for accumulation of land and sea-based pollution. [Source: UNEP_EA.4_RES.12]
2. We also recognize the significant role of mangroves in addressing the impact of climate change, development and pollution, and in providing protection from natural disasters, such as tropical storms, hurricanes, tsunamis and coastal erosion. [Source: UNEP_EA.4_RES.12]
3. We acknowledge that millions of the world's inhabitants depend on the health of mangrove forests and related ecosystems, in their role as a primary source of food and income, for sustainable livelihoods and development. [Source: UNEP_EA.4_RES.12]
4. We emphasize the role that mangrove ecosystems can play in attaining Nationally Determined Contribution (NDCs) targets, and other international frameworks such as National Biodiversity Strategies and Action Plans (NBSAPs) and National Adaptation Plans (NAPs), where appropriate. [Source: UNEP_EA.4_RES.12]
5. In this sense, we express our support to the Mangrove Breakthrough, which is an ambitious multi-stakeholder initiative aiming to create a step change in action for mangroves, unlocking \$4 billion and securing the future of 15 million hectares of mangrove forests by 2030.
6. We note that, as part of the UNFCCC's 2030 Breakthrough Agenda, and building on work by the Global Mangrove Alliance, the Mangrove Breakthrough provides a framework for state and non-state actors to work together towards this shared ambition.
7. By joining the Mangrove Breakthrough we pledge to:
 - Setting and meeting ambitious but achievable contributions toward the goal of securing the future of 15 million hectares of mangrove globally by 2030.



ROAD TO ZERO



- Joining the Mangrove Breakthrough's Community of Action by implementing action and projects to advance the Breakthrough's global goals through the exchange of best practices and lessons learned to address implementation challenges, building on the best available science.
 - To contribute to the implementation of the Mangrove Breakthrough Finance Roadmap, setting up the enabling conditions and, if possible, provide new catalytic funding, to attract capital for mangroves action and contribute to the goal of investing USD 4 billion target by 2030.
 - Embracing the six Mangrove Breakthrough Guiding Principles: 1) safeguard nature and maximize biodiversity, 2) employ the best information and practices, 3) empower people, 4) align to the broader context, 5) design for sustainability, and 6) mobilize high-integrity capital.
8. We call on other national and subnational governments, as well as non-state stakeholders, to join the Mangrove Breakthrough to mobilize action at scale for mangrove ecosystems.

Supported by:

[Name of Government]