The Blue Package: A Plan to Accelerate Ocean-Based Climate Solutions

1. PAS Overview

Axis: 2. Stewarding Forests, Oceans and Biodiversity

Key objective: 7. Efforts to preserve and restore oceans and coastal ecosystems

Solution: Ocean-based climate solutions - Ocean Breakthroughs

Host initiative (s): [Lead initiative (and up to two co-hosts) responsible for coordinating implementation, monitoring, reporting and continuity of the PAS through 2028.]

- ➔ Marrakech Partnership for Global Climate Action's Ocean & Coastal Zones group
- ➔ Climate Champions Team
- ➔ Brazilian Ministry of Environment and Climate Change

Overall PAS Scope:

- Geographic: Global
- Sector(s): Cross-sectoral (marine conservation, shipping, aquatic food, offshore wind, coastal tourism, offshore oil and gas)
- Stakeholder groups: Civil society [Governments, businesses, finance, cities, regions, civil society, IPLCs]
- Inclusion focus: Women, Indigenous and coastal communities [Women, youth, IPLCs, vulnerable groups, etc.]

PAS last updated in: October 2026

2. **Implementation Levers Assessment**: *[Assess maturity; reflect in rationale key systemic barriers preventing implementation and explain briefly how the PAS intends to address the levers as described in the PAS Terms of Reference. Where possible, base the assessment on authoritative sources (e.g. IPCC, UNFCCC, IEA, Breakthrough Agenda, State of Climate Action and sectoral reports)]*

- **Risk-informed decision-making:**
  - *Level of maturity*: *Medium maturity*
  - *Rationale: Ocean-related climate and nature risks are increasingly being systematically assessed, but those data are not yet effectively considered in political and financial decision frameworks. If ocean health is increasingly integrated into investment risk frameworks, we note the absence of standardized methodologies and limited early-warning and inclusive knowledge systems.*

- **Technology shifts:**
  - *Level of maturity*: *Low maturity*
  - *Rationale: While technological shifts to decarbonize the blue economy are happening, solutions are not developed and deployed quickly enough. It is especially uneven across regions and sectors. For example,the shipping and ocean renewable energy industry are the most advanced - with still critical solutions to be invented, but low-carbon aquaculture and ocean-data systems are behind, lacking mature technologies.*

- **Knowledge & Capacity building:**
  - *Level of maturity*: *Medium maturity*
  - *Rationale: The ocean is now widely recognized as playing a key part in fighting climate change, but technical capacity, training, financing and access to data systems remain limited in a number of regions. Despite the solid scientific knowledge available, capacity building - especially for implementation - has not kept pace. It could advance significantly with greater political attention and investment.*

- **Inclusive decision-making governance & design:**
  - *Level of maturity*: *Medium maturity*
  - *Rationale: Recent COP processes - COP28, COP30 - and enhanced institutional commitments have elevated the participation of local communities, vulnerable groups, small-scale fishers, and Indigenous Peoples in ocean-climate governance systems. Although*

additional efforts are required to ensure full and equitable participation, these stakeholders are now more actively engaged, with growing recognition of their critical contributions to the effective and just delivery of ocean-climate solutions.

- **Standards & Taxonomies:**
  - *Level of maturity*: Low maturity
  - *Rationale: As of today there is no common standard or classification system to guide ocean-climate investment, and no agreed criteria to assess the environmental integrity of decisions.*

- **Supply:**
  - *Level of maturity*: Medium maturity
  - *Rationale: Ocean-based solutions are recognized as mitigation pathways with clear co-benefits for nature and people. However, they have to be accompanied by cuts in territorial emissions, and technology shifts remain of low maturity, constrained by low technical capacity, few investment-ready projects, low financing and uneven distribution of supply across regions.*

- **Demand:**
  - *Level of maturity*: Medium maturity
  - *Rationale: Demand for sustainable ocean goods and services, such as healthy aquatic food or cleaner shipping, is increasing and reflects a clear shift in market expectations. However, it remains constrained by weak policy signals and limited support mechanisms.*

- **Public/private finance:**
  - *Level of maturity*: Low maturity
  - *Rationale: Despite the ocean's vital role in climate regulation and economic resilience, SDG 14 remains the least funded of all Sustainable Development Goals, and estimates indicate that less than 1% of global climate finance supports ocean-based solutions. However, innovative financial mechanisms – such as blue bonds or debt-for-nature swaps – are helping to expand investment in ocean–climate initiatives. There is indeed a growing recognition of the critical role of the private sector, particularly as public funding faces increasing constraints.*
- **Partnerships and collaboration:**
  - *Level of maturity*: High maturity

◦ *Rationale: A growing number of collaborative initiatives have emerged in recent years, reflecting the global commitment to strengthen cooperation across actors, sectors and regions. Platforms such as the Marrakech Partnership on Ocean & Coastal Zones, Because the Ocean, the Friends of Ocean and Climate, Friends of Ocean Action or the High-Level Panel for a Sustainable Ocean Economy (Ocean Panel) and initiatives such as the Ocean Breakthroughs and the Blue NDC Challenge, are examples of this momentum. These alliances demonstrate that the will to collaborate exists, as international coalitions continue to champion integrated approaches to ocean-climate action.*

• **Policy & regulatory:**

◦ *Level of maturity:* *Medium maturity*

◦ *Rationale: The integration of ocean-based solutions into nationally determined contributions (NDCs) has grown, but remains partial and often confined to a limited set of measures and sectors. In addition, these strategies are not yet systematically aligned with national adaptation plans (NAPs), leading to fragmented policy implementation. Despite growing recognition of the ocean's central role in climate regulation, governance frameworks for ocean–climate action continue to operate in silos, with insufficient coordination across the ocean, climate, and biodiversity domains.*

• **Public opinion:**

◦ *Level of maturity:* *Low maturity*

◦ *Rationale: While awareness of ocean-climate interlinkages has grown among informed audiences, public understanding remains limited and often distorted by misinformation. Additionally, a growing number of disinformation campaigns fuel skepticism towards the potential and impacts of ocean-based climate solutions.*

3. **Expected Contribution and Impact (through 2028):** *[Describe how the PAS contributes to the relevant 2030 Climate Solutions, GST outcomes, GGA, SDGs and other frameworks, including expected KPIs where available.]*

The ocean is humanity's most powerful ally in the fight against climate change. As a carbon sink, oxygen supplier, and heat reservoir, the ocean sustains all life on Earth. Beyond its role in climate regulation, it provides vital ecosystem services that underpin food and energy security, coastal resilience, and human well-being.

Global ocean trade reached $2.2 trillion ($1.3 trillion in services and $900 billion in goods) in 2023**,** representing about 7 per cent of global trade. **More than 3 billion people depend on the ocean** for their survival worldwide. And, an estimated **600 million livelihoods and 100 million jobs depend on the ocean economy**, particularly in fisheries, aquaculture, and tourism, with the vast majority in developing countries.

Yet, the ocean and the communities who depend on it are on the frontlines of the climate crisis. Rising sea levels, intensifying storms, ocean acidification, deoxygenation, and increasing temperatures are already undermining marine ecosystems and coastal livelihoods. Protecting and restoring **ocean health is not merely an environmental priority; it is a matter of human survival and resilience**.

Ocean-based solutions are central to climate action, delivering on mitigation, adaptation and resilience**.** The IPCC also recognizes their vast potential to reduce climate risks while generating social, economic, and environmental co-benefits. At COP28, the first **Global Stocktake reaffirmed the urgent need to conserve, protect, and restore marine and coastal ecosystems and strengthen ocean-based climate action**, as indispensable pathways to achieving the 1.5°C goal.

This vision underpins **the Ocean Breakthroughs - a set of five targets to achieve by 2030 to reach carbon neutrality in 2050 across five high-impact sectors: marine conservation, aquatic food, ocean renewable energy, shipping, and coastal tourism.** According to the High Level Panel for a Sustainable Ocean Economy, fully implementing these solutions could **reduce the emissions gap by up to 35% in 2050, while also delivering benefits for people and nature**. Together, these science-based, practical and achievable targets outline a roadmap for transformative and ambitious action at the scale of entire systems, acting as a lighthouse not only for non-State actors, but for all stakeholders.

Long-term success under Activation Group 7 envisions **a future in which ocean-based climate solutions are fully implemented***,* helping to close the "emissions gap" by up to 35% by 2050 and where **threats posed to ocean and coastal ecosystems by climate change are more equitably addressed.** The Ocean Breakthroughs is a flagship initiative under AG7 and the associated community of action **It identifies is a set**

of positive tipping points to achieve by 2030 across five high-impact sectors: marine conservation, aquatic food, ocean renewable energy, shipping, and coastal tourism.

The Ocean Breakthroughs provide a framework for the Blue Package to accelerate ocean-based climate solutions by 2028, in accordance with the existing targets set for 2030:

- **Marine Conservation:** By 2030, investments of at least USD 72 billion secure the integrity of ocean ecosystems by protecting, restoring, and conserving at least 30% of the ocean for the benefit of people, climate and nature.
- **Aquatic Food:** By 2030, provide at least USD 4 billion per year to support resilient aquatic food systems that will contribute to healthy, regenerative ecosystems, and sustain food and nutrition security for three billion people.
- **Ocean Renewable Energy:** By 2030, install at least 380 GW of offshore capacity while establishing targets and enabling measures for net-positive biodiversity outcomes and advocate for mobilizing USD 10 billion in concessional finance for developing economies to reach that goal.
- **Shipping:** Zero emission fuels make up at least 5%, aiming for 10% of international shipping fuels and 15% of domestic shipping fuels by 2030. 450,000 Seafarers need upskilling and retraining by 2030; 30% trade moving through climate adapting ports by 2030. Reduce the impact of international shipping on marine biodiversity by 30% by 2030.
- **Coastal Tourism**: By 2030, USD 30 billion per year is invested to support halving emissions of coastal tourism; and additional investments are made to build the resilience of local communities, as well as recover and protect ecosystems to sustainably manage tourism in island and coastal destinations most vulnerable to climate change.

These solutions **sit at the crossroads of all major challenges facing humanity today** - from biodiversity loss to food or energy security. As such, they advance the objectives of the Global Biodiversity Framework and are **essential to achieve synergistic implementation across the Rio Conventions** (linking to AG#6). **Alignment across other relevant multilateral bodies, agreements and frameworks should be enhanced**, including the International Maritime Organisation, International Seabed Authority, the Sustainable Development Goals, BBNJ Agreement, Ramsar Convention, London Convention and Protocol**.**

In the spirit of integrated governance, **Sustainable Ocean Planning and Management (SOPM)** offers a robust framework to implement ocean-based climate solutions and establish the enabling conditions for sustainable use, resilient ecosystems, and long-term ocean health. Sustainable Ocean Plans (SOPs) are the operating system of the Blue Package as they **translate ambition into time-bound investment**

pathways that align NDCs, NAPs, NBSAPs, marine spatial planning processes, and social priorities. SOPs organize the pipeline for public and private finance, de-risk implementation, and ensure inclusive, science-based decision-making - helping to deliver the Ocean Breakthroughs coherently, at speed and scale.

However, the implementation of the Ocean Breakthroughs and the targeted contribution to the emissions gap can only succeed if it goes **hand-in-hand with radical decarbonisation, mitigation measures and systemic change** in key areas, including fossil fuel extraction, transport, production and consumption patterns, intensive agriculture, etc.

Finally, the actions driving the Ocean Breakthroughs bring together **all the key levers of change - from policy and finance to partnerships, knowledge and innovation - and the diversity of stakeholders** behind them. National governments, regional institutions, local authorities, civil society, Indigenous Peoples and local communities, researchers, investors, innovators and NGOs all have a role to play. The ocean, by its very nature, transcends borders and sectors, creating a shared space that unites these efforts. It is this **whole-of-society approach** that gives the Ocean Breakthroughs their transformative potential, showing how the ocean can be both a powerful connector and a catalyst for change.

4. Implementation Roadmap

DELIVERING ON THE OCEAN BREAKTHROUGHS

The actions outlined below are intended to apply uniformly across all five Ocean Breakthrough sectors — marine conservation, aquatic food, shipping, offshore wind, and coastal tourism. This comprehensive approach seeks to ensure that national policy frameworks integrate the full portfolio of ocean-based solutions in a balanced manner, while taking into account national specificities.

Output and Description	Action	Action Scope	Action Status	Countries	Implementation Levers	Output Lead Entity	Output Delivery Partners	Stakeholders to Mobilise	Delivery Milestone	Geographic Scope
All ocean and coastal countries have included knowledge-based and measurable mitigation and adaptation ocean-based solutions into their national frameworks and policies.	+ 100 of the world's ocean and coastal countries join coalitions that can provide technical guidance and decision-making support in these efforts, including but not limited to the Blue NDC Challenge, the Mangrove Breakthrough NDC Taskforce, etc.	Governance	Exist…	Global	Policy & … Knowled… Partners…	AG7 Community of Action	IPOS Mangrove Breakthrough Global Mangrove Alliance (GMA)	Countries	November 2028…	Global
The Blue Finance Window is established as a dedicated finance mechanism within the UNFCCC financial architecture to accelerate investment in ocean-based climate solutions, serving as a cross-cutting enabler for delivery of all Ocean Breakthroughs.	Establishment of a working group to refine and advance the One Ocean Finance Facility proposal.	Scaling up Ocean finance	New …	Global	Public/pr…	AG7 Community of Action	Ocean Breakthroughs partners UNCDF	Countries Investors MDBs Multi-st…	June 2028 (SB …	Global
	Support technical discussions to shape the scope, governance, and integration of the Blue Finance Window within existing funds (e.g., GCF, GEF, and others).		Exist…		Public/pr…				November 202…	

Increased mobilisation of public and private investments across key sectors, enhancing the financial viability and supporting the implementation of ocean-based solutions.	Design, capitalise and deploy de-risking instruments and blended finance mechanisms to mobilise investment for ocean-based solutions, prioritising the scale-up of instruments that are operational or ready for deployment (e.g. guarantees, impact funds, blue bonds, MPA blended facility, and insurance), while advancing the design of emerging mechanisms (e.g. One Ocean Finance Facility) and discussions on the Blue Finance Window, drawing on the outcomes of the 2026 SCF Forum.	Scaling up Ocean finance	Existi…	Global	Public/priv…	Ocean Breakthroughs	WRI Mangrove Breakthrough GCFR / UNCDF Ocean Conservancy ORRAA	Countries Compa… Investors MDBs	June 2027 (SB 66)	Global
Mobilise political commitment, strengthen the investment case for ocean-based solutions, and drive coordinated finance advocacy within the multilateral process.	Work with existing platforms for Ministers of Finance, including the Coalition of Finance Ministers for Climate Action and relevant economic fora, to integrate ocean into their dialogue, knowledge exchange, and policy development aimed at accelerating public, concessional and private capital in regenerative and sustainable blue economy and integrating ocean into fiscal planning, budgeting and economic development.	Scaling up Ocean finance	New a…	Global	Public/priv…	IUCN ESARO	Ocean Conservancy Ocean & Climate Platform UNECA ORRAA	Countries Investors Compa… MDBs	November 2026…	Global

National strategies are aligned across relevant frameworks - NDCs, NAPs, NBSAPs -, and supported by robust SOPMs and investment plans.	+ 100 of the world's ocean and coastal countries join coalitions that can provide technical guidance and decision-making support in these efforts, including but not limited to the Blue NDC Challenge, the Mangrove Breakthrough NDC Taskforce, etc.	Synergies	Exist…	Global	Policy & …	Ocean Breakthroughs delivery partners	AG7	Count… Techni… Multi-… NGOs	November 2026…	Global
Participation of Indigenous Peoples, local communities, young people and other marginalised stakeholders is significantly strengthened across decision-making - from planning to implementation.	Launch of the Peoples of the Ocean Breakthrough, mobilising Indigenous Peoples and local communities in ocean-climate action.	Governance Inclusivity	New a…	Global	Inclusive …	People of the Ocean Breakthrough delivery partner	Great Blue Wall	Youth … Cities … Multi-…	November 2026…	Global
Establish a Global Network of Regenerative Seascapes to catalyse - by and for local stakeholders - The conservation and regenerative management of 20 million km² of coastal and marine area.	Launch of the One Ocean Partnership, which catalyses and fosters the establishment and strengthening of a global network of regenerative seascapes to accelerate climate action, protect biodiversity, and build regenerative livelihoods.	Global governance	New a…	Global	Partners…	One Ocean Partnership delivery partners	IUCN Great Blue Wall Mission Blue Ocean Breakthroughs delivery partners	Multi-… NGOs Count…	November 2026…	Global

By 2030, the One Ocean Partnership will catalyse the mobilisation of at least USD 20 billion of investment in the Regenerative Blue Economy and the protection and restoration of 20 million hectares of critical blue ecosystems.	The establishment of the One Ocean Partnership requires seascape applications to identify committed regenerative ocean jurisdictions and partners and a global community of action, bringing together technical and financial partners committed to accelerate regenerative ocean actions by supporting seascape-level interventions.	Global governance	New a…	Global	Partnershi…	One Ocean Partnership delivery partners	IUCN Great Blue Wall Mission Blue Ocean Breakthroughs delivery partners	Cities …	November 2026…	Global
Local communities are fully included in effectively implementing national ocean-climate commitments at the subnational and local scales.	Local coastal governments to support and advance local policies in the implementation of national ocean-climate commitments.	Local implementation	Existi…	Global	Policy & reg…	Peoples of the Ocean Breakthrough delivery partners	Coastal 500 C40 ICLEI Waitt Institute Blue Prosperity Coalition	Count…	November 2028…	Global
Ocean countries outline specific, costed plans necessary to implement science-based, measurable ocean-climate solutions.	+ 100 of the world's ocean and coastal countries join coalitions that can provide technical guidance and decision-making support in these efforts, including but not limited to the Blue NDC Challenge, the Mangrove Breakthrough NDC Taskforce, etc.	Governance	Existi…	Global	Public/priv…	Ocean Breakthroughs delivery partners	Blue NDC Challenge (incl. Ocean & CLimate Platform, Ocean Conservancy, WRI) Global Mangrove Alliance Mangrove Breakthrough IOC-UNESCO	Count… NGOs Techni…	November 2026…	Global
Companies include ocean and biodiversity indicators in their strategies and monitoring/assessment	Deploy the Ocean Investment Protocol and other guidelines and impact assessment tools (e.g. Ocean Impact	Scaling up Ocean finance	Existi…	Global	Risk-infor…	Ocean Breakthroughs delivery partners	UNGC	Comp…	November 20…	Global

standards.	Navigator).									
Countries include ocean and biodiversity indicators in their national policies and frameworks.	Countries include ocean risks in their investment decisions.	Scaling up Ocean finance	Existi…	Global	Risk-infor…	Ocean Breakthroughs delivery partners	UNGC	Count…	November 20…	Global
A system of global ocean governance for a resilient and sustainable blue economy balancing access to, use and conservation of marine resources and space is established.	Strengthen national and international coordination across public policies, ocean sectors, stakeholders, and rights holders, building on participatory Marine Spatial Planning (MSP) and Sustainable Ocean Planning and Management (SOPM) approaches.	Ocean Governance; Ocean Finance	Existi…	Global	Partnershi… Policy & r…	Ocean Breakthroughs	WRI IOC-UNESCO	Count… Multi-…	November 20…	Global
	Cross-sector collaborations identify and pilot finance mechanisms to support capital flows for ocean health.				Partners… Public/pr…			Invest…		
	Expand the scope of transparency and disclosure initiatives to include other environmental impacts.				Policy & …			Count…		
Women and gender minorities are included in decision-making processes to ensure they are empowered to participate effectively in UNFCCC and COP processes.	Ensure equal representation of women in decision making processes, elevating the participation of women and youth in ocean-climate governance systems, with growing recognition of their critical contributions to the effective and just delivery	Inclusivity	New …	Global	Inclusive …		AG7 Community of Action	Multi-…		Global

	of ocean-climate solutions.									
By 2028, at least half of the countries who signed the IOC-wide Strategy on Sustainable Ocean Planning and Management have committed and gotten the basics training to develop a SOPM so all countries have a SOPM implemented by 2030.	Governments make a political commitment, build institutional frameworks, set priorities and develop financial plans to support implementation.	Sustainable Ocean Planning & Management	New …	Global	Policy & r…	IOC-UNESCO		Count…		Global
	Build capacity and knowledge exchange within the countries on how to do and right, at all scales.		New …		Knowled…		OA2030/100% Alliance IPOS	Count…		
Participatory management plans implemented – co-designed plans with communities and stakeholders, incorporating the need of protecting 30% of ocean ecosystems, restrictions, compensations, and livelihood considerations.	Co-design and implement regenerative seascape management strategies – engage communities, Indigenous Peoples, private sector, academia and government agencies to map ecosystems, uses and activities, valued ocean areas, identify pressures, and implement locally adapted interventions that balance ecological protection with socio-economic needs.	Sustainable Ocean Planning & Management	New …	Global	Policy & r…	IPOS IOC-UNESCO	AG7 Community of Action	Multi-…		Global
Improving gender balance in the implementation of ocean-based climate solutions across sectors	Promote gender-balanced participation and leadership in the design, implementation and delivery of ocean-based climate solutions across all Ocean Breakthrough sectors.	Governance	New …	Global	Inclusive …	IOC-UNESCO	AG7 Community of Action	Multi-…	November 2027…	Global

DELIVERING ON THE OCEAN RENEWABLE ENERGY BREAKTHROUGH

Output and Description	Action	Action Scope	Action Status	Countries	Implementation Levers	Output Lead Entity	Output Delivery Partners	Stakeholders to Mobilise	Delivery Milestone	Geographic Scope
Blended finance facilities and derisking instruments are operational to mobilise private investment and concessional finance for the testing and roll-out of offshore renewables, notably resulting in faster achievement of cost parity.	Operationalize at least one regional or thematic blended finance facility (e.g., Blue Finance Window / One Ocean Finance Facility) and guarantee facility to mobilize private, concessional and catalytic capital for offshore renewables, biodiversity safeguards, and enabling infrastructure, addressing the needs of coastal communities and small island developing states (SIDS).	Finance	New…	Global	Public/pr…	Ocean Renewable Energy Breakthrough delivery partners	Multistakeholders platforms	Multi-stak…	November 2028…	Global
Standardized framework to report progress towards biodiversity gains and co-created community benefits.	Develop and launch a reporting framework and methodology for biodiversity gains and community benefits, integrated into OSW project cycles.		New…	Global	Standar…	Ocean Renewable Energy Breakthrough delivery partners	GINGR WEF technical partners NGOs developers	Multi-stak…	November 2027…	Global
Predictable, transparent, and fair environments for offshore wind and ocean renewable energy deployment.	Country assistance on streamlined permitting + robust auction design (non-price criteria for biodiversity) in a focused cohort (5–8 markets).	Capacity-building	Exis…	Global	Knowled…	Ocean Renewable Energy Breakthrough delivery partners	ORE Breakthrough Hub GOWA OEP World Bank UNIDO	Multi-stak…	June 2028 (SB …	Global

Biodiversity criteria embedded in auction design	Develop model non-price biodiversity criteria and support adoption in 5 priority markets.	Standards implementation	New…	Global	Inclusive…	Ocean Renewable Energy Breakthrough delivery partners	ORE Breakthrough HUB GOWA Technical experts	Multi-stak…	June 2027 (SB …	Global
Mainstream renewable ocean energy into energy and blue economy policies, as well as utility expansion plans.	Renewable ocean energy in regional and national policies and plans in at least 20 countries in the Global South integrated, including in SIDS.	Policy development	Exis…	Global	Policy & …	Ocean Renewable Energy Breakthrough delivery partners	UNIDO CCREEE PCREEE SIDS DOCK	Countries Multi-stak…	June 2027 (SB …	Global
By 2030, bundle and implement a project pipeline of renewable ocean energy pilot and investment projects, covering a broad range of technologies (off-shore wind - fixed and floating -, wave, tidal, SWAC, OTEC, salinity gradient, floating PV, marine biofuels, seawater pumped hydro storage) to increase technology readiness and full commercialisation, with a particular focus on the Global South and Small Island Developing States (SIDS).	Create south-south and triangular platforms, which build a bridge between governments, ocean industry, financiers and investors to implement a critical mass of ocean energy pilot and investment projects to overcome a broad range of barriers and develop sound environmental and social safeguards.	Collaboration	New…	Global	Technol…	Ocean Renewable Energy Breakthrough delivery partners	UNIDO Global Ocean Energy Alliance (GLOEA SIDS DOCK CCREEE PCREEE ECREEE SACREEE World Bank Regional Development Banks Private sector		[]	Global

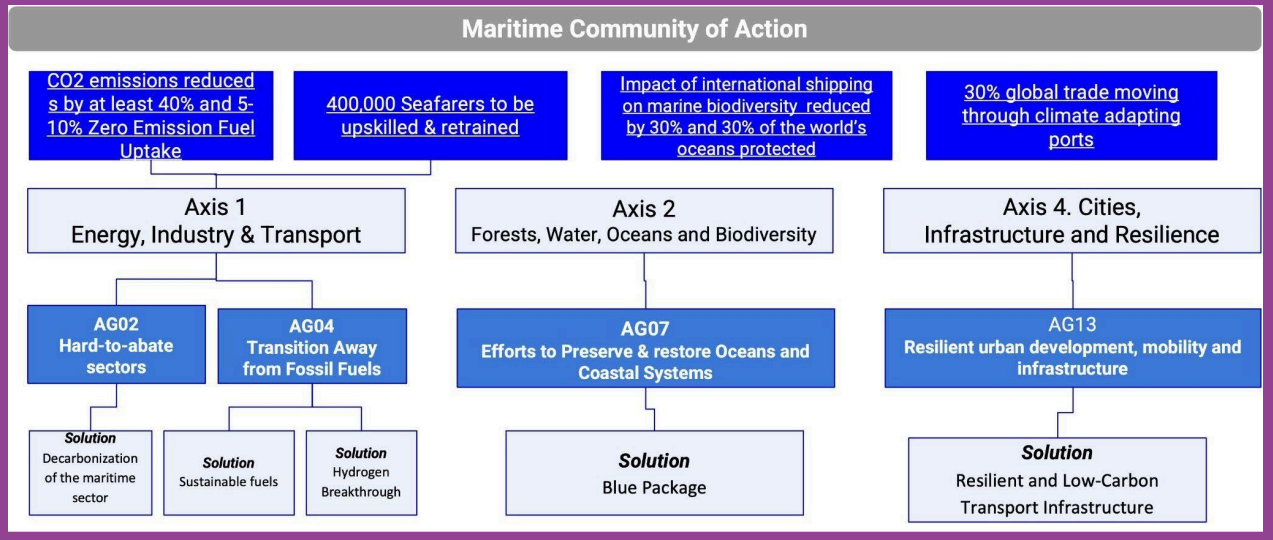
Marine spatial planning and permitting frameworks should be climate-smart and integrate biodiversity and livelihoods safeguards.	Develop a revised marine spatial planning best-practices guide that incorporates leasing frameworks into the scope and promotes the integration of biodiversity considerations and livelihoods safeguards.	Guidance development	New…	Global	Risk-info…	Ocean Renewable Energy Breakthrough delivery partners	GOWA IRENA ORE UNIDO Breakthrough Hub Waitt Institute Blue Prosperity Coalition	Multi-sta…	[]	Global
Public narrative on offshore wind and renewable ocean energy is aligned to local communities engagement/jobs/affordability/security.	Package and deploy a location-specific communication kit with tested messages for government & local partners; run country trials and measure sentiment shift.	Awareness-raising and communication	New…	Global	Knowled…	Ocean Renewable Energy Breakthrough delivery partners	ORE Breakthrough Hub to partner with national comms channels and community organizations	Companies	November 2028…	Global
Social license and local value.	Pilot a Community Benefits Framework tied to permitting/auctions in 2 countries by 2027.	Framework development	New…	Global	Policy & …	Ocean Renewable Energy Breakthrough delivery partners	ORE Breakthrough Hub, GOWA	Multi-sta…	November 2027…	Global
Decommissioning standards adopted by early movers.	Co-draft model decommissioning guidance and support adoption in 2–3 markets.	Guidance development	[]	Global	Policy & …	Ocean Renewable Energy Breakthrough delivery partners	Engineering X. Royal Academy of Engineering ORE Breakthrough Hub Private sector	Multi-sta…	June 2027 (SB …	Global

Ocean renewable energy projects are implemented with the approval and consent of coastal and marine IPLCs, integrating their rights, territories, and knowledge, ensuring equitable benefits, reduced social impacts, and a just transition for all stakeholders.	Ensure that the planning and deployment of ocean renewable energy projects integrate the rights, territories, and knowledge of coastal and marine IPLCs, by mapping and recognizing their territories and values, establishing safeguards and benefits, and embedding these considerations into Marine Spatial Planning and regulatory frameworks to support a just and inclusive energy transition.		Exis…	Global	Policy & …	Ocean Renewable Energy Breakthrough delivery partners	Brazil	[]	[]	Global

DELIVERING ON THE SHIPPING BREAKTHROUGH

There are **4 Maritime Breakthrough Goals**; actions to achieve these breakthroughs are delivered across 5 Plans to Accelerate Solutions and the initiatives responsible for the actions are engaged in 5 Activation Groups. The Maritime Community of Action is the connective space that brings these actions and initiatives together to collaborate and unlock effective synergies delivering overall progress towards the Maritime Breakthroughs

To update the maritime actions in the Blue Package, some actions are specific to the Blue Package PAS whereas others are consistent with other PASs and therefore implementation and progress is delivered in collaboration with initiatives in other AGs, primarily via engagement in the Maritime Community of Action.



Initiatives and Organisations engaged across both the Blue Package and Maritime Decarbonization Plans to Accelerate Solutions are: MENA Oceans Initiative, Marine Biodiversity & Ocean Health Breakthrough, Oceans5, WRI, UNGC, Plymouth Maritime Laboratory, Ocean Conservancy, UN Foundation, Ocean and Climate Platform, Green Hydrogen Catapult (Maritime Decarbonization PAS Facilitator).

Output and Description	Action	Action Scope	Action Status	Countries	Implementation Levers	Output Lead Entity	Output Delivery Partners	Stakeholders to Mobilise	Delivery Milestone	Geographic Scope
Maritime Blue Package PAS Actions. The responsible party is a member of AG7 and the Maritime CoA. These actions will be tracked and monitored through the Blue Package PAS.										
	Develop guidelines for maritime contributions and considerations to area-based management tools within and beyond national jurisdiction.		New…	Global	Risk-info…	MBOH Breakthrough Initiative	MENA Oceans Initiative Goumbook	Investors	November 2028…	Global
	Support development of the One Ocean Finance Facility (OOFF) to support market mechanisms to narrow cost gap between clean and dirty fuels.		New…	Global	Public/pr…	UNGC		[]	November 2028…	Global
	Expand ocean data collection and monitoring to better understand and act on shipping's impacts.		New…	Global	Knowled…	PML	MENA Oceans Initiative Goumbook	[]	[]	Global
	Combine green corridor principles with biodiversity and ocean health needs to operationalise Blue Corridors.		New…	Global	Partners…	MBOH Breakthrough Initiative		Companies Countries Technica… Investors	November 2027…	Global
	Advancing inclusion of maritime in the Blue NDC Challenge.		New…	Global	Policy & …	Ocean Conservancy	WRI WWF MENA Ocean Initiative Goumbook	[]	November 2028…	Global

	Engage sub-national (particularly city administrations) in policy and political economy analysis that inform policy action in port decarbonisation.		New…	Global	Policy & …	WRI		[]	[]	Global
Proposed PAS Actions for when capacity allows a responsible party										
	Include biodiversity and ocean health KPIs in maritime commercial agreements.		New…	Global	Risk-info…	Shipping Breakthrough	MENA Ocean Initiative Goumbook	[]	[]	Global
	Unlock new financial opportunities to support technologies and operations better for the ocean.		New…	Global	Public/pr…	Shipping Breakthrough	MENA Ocean Initiative Goumbook	[]	[]	Global
	Establish global policy structures for… (URN, discharges, litter, biofouling, etc.).		New…	Global	Policy & …	Shipping Breakthrough	MENA Ocean Initiative Goumbook	[]	[]	Global
Maritime PAS actions that are of significance to the maritime and ocean communities. The responsible party sits in the Maritime CoA and not AG7. AG7 members supporting these have joined the Maritime CoA. These actions will be tracked and monitored through the Maritime PAS.										
	Ensure adoption of the IMO Net Zero Framework and support implementation of global climate regulations for maritime.		New…	Global	Policy & …	GHC	GHC RMI	[]	November 2026…	Global
	Scale zero emissions maritime		New…	Global	Supply	GHC	GHC	[]	November 2026…	Global

	fuel uptake via market creation through demand aggregation facility.						RMI			
	Scaling use of electrification in port and shipping operations.		New…	Global	Technol…	Shipping Breakthrough		[]		Global
	Technical upskilling for seafarers safely using zero-emission fuels.		New…	Global	Knowled…	MJTTF	MJTTF LRMDH	[]	November 2028…	Global

DELIVERING ON THE AQUATIC FOOD BREAKTHROUGH

Please note that the Aquatic Food Breakthrough is cross-cutting and covered in both Axis 2, and Axis 3 (Transforming Agriculture and Food Systems). The Blue Package should be read in conjunction with the other PAS to unlock effective synergies.

The Aquatic Food Breakthrough targets are: By 2030, provide at least US$ 4 billion per year to support resilient aquatic food systems that will contribute to healthy, regenerative ecosystems, and sustain the food and nutrition security for 3 billion people.

Solution: Aquatic food systems as climate solutions
Host Initiative: FAO Blue Transformation
Initiatives: UN Trade and Development (UNCTAD), WorldFish, Aquatic Blue Food Coalition, and UNFCCC Aquatic Food & Ocean Breakthroughs
Scope: Aquatic food and bioinputs production and value chains derived from marine and inland capture fisheries and aquaculture, at global, regional, national and local levels.

Output and Description	Action	Action Scope	Action Status	Countries	Implementation Levers	Output Lead Entity	Output Delivery Partners	Stakeholders to Mobilise	Delivery Milestone	Geographic Scope

At least $4 billion a year are invested to support resilient aquatic food systems by 2030.	Establish dedicated aquatic foods financing facilities and instruments to mobilize public and private finance and de-risk investment.	Accelerate finance	Exis…	Global	Public/pr…	Aquatic Food Breakthrough delivery partners		Compan… Investors MDBs	November 202…	Global
20% of major fishing and aquaculture companies join the Race to Zero and decarbonize their value chain.	Support companies to adopt sustainability standards, GHG accounting, and decarbonization roadmaps.	Global aquatic food systems	Exis…	Global	Supply Technol…	Aquatic Food Breakthrough delivery partners		Compan… Investors	November 202…	Global
Energy-efficient technologies ; low-carbon fuels; upgraded infrastructures; Reduced pollution and environmental impact; diversify to lower carbon species.	Reduce emissions from energy use and operations (including storage, processing, and transport).	Emissions reduction	Exis…	Global	Supply	Aquatic Food Breakthrough delivery partners		Compan…	November 202…	Global
Sustainable, just and climate-adaptive fisheries management plans and frameworks for national and shared stocks are developed and implemented, supported by tools and capacity-building for authorities.	Develop and implement effective and climate adaptive fisheries management at national scale and for shared stocks across jurisdictions including Regional Fisheries Bodies and Regional Fisheries Management Organisations (RFMOs) that strengthens the ocean's ability to withstand current and future climate change impacts.	Governance	Exis…	Global	Policy & …	Aquatic Food Breakthrough delivery partners	FAO Blue Transformation Waitt Institute Blue Prosperity Coalition IUCN High Seas TAC - RFMOs and Countries IPOS - countries and groups of countries/regions WCPFC	Countries Technica… NGOs Multi-sta… Countries	June 2027 (SB…	Global
Reduction of future exposure and ecosystem vulnerabilities.	Integrate risk in fisheries management and implement	Risk management	Exis…	Global	Risk-info…	Aquatic Food Breakthrough delivery	FAO Blue Transformation	Compan… Technica…	November 202…	Global

	early warning systems.					partners				
Increase financial support for aquatic food systems innovation and capital to allow small and medium enterprises to provide affordable nutrition and equitable livelihoods.	Develop seascape bonds.	Accessible Finance	Exis…	Global	Public/pr…	Aquatic Food Breakthrough delivery partners		Compan… Investors MDBs	November 202…	Global
Investors and policymakers are aware of the vulnerability of sustainable aquatic food systems to climate change and access of local communities and authorities to climate finance is strengthened. Funding pathways and policy recognition for aquatic food systems are established, contributing to more resilient and inclusive food and climate strategies.	Foster access to climate finance for local communities and policy makers (including climate negotiators), by improving (1) investors' knowledge and understanding of the vulnerability of aquatic food to climate change, and exponential negative impacts, and its crucial role for food and nutrition security; (2) access to finance for communities / relevant authorities.	Accessible finance	Exis…	Global	Public/pr… Risk-info… Policy & … Knowled…	Aquatic Food Breakthrough delivery partners	FAO Blue Transformation Aquatic Blue Food Coalition	Investors Youth & … Countries Cities an…	November 202…	Global
Fishery managers, aquaculture regulatory bodies, policymakers, communities, and other actors in aquatic food value chains are supported with science-based tools, traditional knowledge, capacity development, and guidance, enhancing their awareness and ability to make informed decisions.	Enhance development and build awareness of science-based tools, traditional knowledge, capacity development and guidance to fishery managers, aquaculture regulatory bodies, policy makers, communities and other actors involved in aquatic food value chains.	Capacity-building	Exis…	Global	Knowled…	Aquatic Food Breakthrough delivery partners	FAO Blue Transformation Aquatic Blue Food Coalition	Youth & … Compan… Multi-sta… NGOs Technica…	November 202…	Global

Small-scale fisheries and aquaculture actors, small and medium-sized enterprises (SMEs), Indigenous Peoples, and local communities are engaged in transparent and inclusive processes, ensuring their voices are considered in decision and policy-making.	Advocate for transparent, gender- and youth inclusive processes that include small-scale fishery and aquaculture actors, SMEs Indigenous People, and local communities.	Inclusivity	Exis…	Global	Inclusive…	Aquatic Food Breakthrough delivery partners	Waitt Institute Blue Prosperity Coalition FAO Blue Transformation	Multi-sta…	November 202…	Global
	Adoption of the Voluntary Guidelines for Securing Sustainable Small-scale Fisheries in the Context of Food Security and Poverty Eradication.	Policy adoption	New…		Standar…		FAO Blue Transformation	Countries Compan… Multi-sta…		
Sustainable fishing practices ; Long-term monitoring programs ; Effective management plans.	Reduce impact of aquaculture and fisheries on blue carbon habitats and implement management and restoration of these habitats.	Sustainable practices	Exis…	Global	Partners…	Aquatic Food Breakthrough delivery partners		Compan…	November 202…	Global
Consumers shift to sustainably produced, low- footprint blue foods.	Certification, labeling, rating, and other programs to guide consumers.	Awareness-raising	Exis…	Global	Public o…	Aquatic Food Breakthrough delivery partners		Investors Countries	November 202…	Global
	National campaigns to raise public awareness about the nutritional, sustainability, and climate benefits of blue foods.	Awareness-raising	New…					Countries	November 202…	
	Technical infrastructure and promote international cooperation for traceability systems.	Enabling conditions	Exis…					Technica… Regulat…	November 202…	

DELIVERING ON THE MARINE CONSERVATION BREAKTHROUGH

Output and Description	Action	Action Scope	Action Status	Countries	Implementation Levers	Output Lead Entity	Output Delivery Partners	Stakeholders to Mobilise	Delivery Milestone	Geographic Scope
USD $30 - 60 billions are invested to maintain the integrity of ocean ecosystems by protecting, restoring, and conserving at least 30% of the ocean, through subsidy realignment and private sector capital deployment.	Capitalise and scale blended finance and de-risking mechanisms (e.g. guarantees, insurance, MPA blended finance facility, outcome-based finance, impact funds and blue bonds) that mobilises public and private sector capital to fund ocean conservation, restoration and protection projects.	Finance	Exis…	Global	Public/pr…	Marine Conservation Breakthrough	ORRAA GFCR OOFF	Countries Investors Technical …	November 2028…	Global
A data-informed benefit and risk model framework is developed and integrated within existing policy and financial frameworks to mainstream nature-related risk into climate-smart and ESG related financial decision-making.	Develop a standardised benefits and risk model framework, building on existing tools such as the Coastal Risk Index and aligned with established nature-related risk and disclosure frameworks such as TNFD, that integrates nature-related financial risks into investment and lending decisions, while informing the risk profile of marine conservation actions and the cost of inaction.	Framework development	New…	Global	Risk-info…	Marine Conservation Breakthrough	ORRAA	Companies Investors Multi-sta… Regulato…	November 2028…	Global

Climate change considerations are integrated into the design and management of both national and High Seas MPAs to meet the 30% target.	Develop toolkits to support decisionmakers to integrate climate-smart considerations into MPA designation, design and existing MPAs (e.g. site selections, carbon-rich ecosystems, corridors), including quantifying the benefits of marine ecosystem conservation for climate mitigation, and recognizing deep-sea ecosystems as climate-relevant assets.	Tool development	New…	Global	Knowled…	Marine Conservation Breakthroughs	HAC BBNJ IUCN High Seas Alliance	Countries Technica… NGOs	November 2028…	Global
Effective global coordination and support systems established and operational to accelerate implementation of the 30x30 target, ensuring marine conservation is fully integrated into global climate action and biodiversity objectives.	Establish a dedicated coordination committee to review, align and enhance synergies among these efforts across the UNFCCC and CBD bringing together governments, NGOs, scientists and IPLCs fostering great coherence and impact. Advancing the recognition of MPAs role in building climate resilience.	Synergy Collaboration	New…	Global	Knowled…	Marine Conservation Breakthroughs	High Ambition Coalition for Nature and Climate Ocean & Climate Platform UNFCCC and CBS Secretariats	Multi-sta… Countries	[]	Global
Countries have the knowledge and capacity needed to develop and implement policies to enable and finance implementation of high-quality coastal and marine nature-based solutions.	Develop and deliver targeted technical assistance and capacity-building programs for countries to enable and finance implementation of coastal and marine NbS.	Capacity building	Exis…	Global	Policy & …	Marine Conservation Breakthroughs	Waitt Institute Blue Prosperity Coalition IPOS Conservation International	Technica… Multi-sta… NGOs	November 2028…	Global

Blue carbon ecosystems are integrated in national greenhouse gas inventories.	Build technical capacity and financing needed for countries to implement the 2013 Wetlands Supplement, including blue carbon ecosystems in GHGIs.	Capacity building	Exis…	Global	Knowled…	Marine Conservation Breakthroughs	Conservation International Rare Pew	Countries NGOs Technica…	November 2028…	Global
	Establish government policies and positioning to enable the implementation of blue carbon projects, ensuring consideration of local communities.	Policy	New…		Policy & …				November 202…	
Enhanced recognition and understanding of the climate mitigation and adaptation benefits of coastal and marine nature-based solutions.	Integrate climate change considerations into the design and management of marine protected areas (e.g. site selections, carbon-rich ecosystems, corridors), including quantifying the benefits of marine ecosystem conservation for climate mitigation, and recognizing deep-sea ecosystems and rhodolith beds as climate-relevant assets.		Exis…	Global	Knowled…	Marine Conservation Breakthroughs	Conservation International Ministry of climate - Brazil	Countries	November 2028…	Global

DELIVERING ON THE MANGROVE BREAKTHROUGH

Output and Description	Action	Action Scope	Action Status	Countries	Implementation Levers	Output Lead Entity	Output Delivery Partners	Stakeholders to Mobilise	Delivery Milestone	Geographic Scope
Countries include science-based targets and actions for mangrove conservation, restoration and sustainable management within their NDCs and associated policy frameworks	Provide technical policy advice and data guidance to governments to develop clear, science-based, and measurable NDCs that recognize the climate adaptation and mitigation benefits of mangroves.	Capacity building	Exis…	Global	Policy & …	Mangrove Breakthrough	Mangrove Breakthrough NDC Task Force	Countries NGOs	November 2028…	Global
National policies and legal frameworks developed or clarified, and nationally-appropriate sustainable funding mechanisms identified to enable mangrove-positive investments.	Create an enabling environment that attracts and de-risks investment in mangrove projects. Work with regulators to develop investment-friendly policies, lowering the barriers to entry for investors by establishing transparent, investment-grade governance and safeguard frameworks to build market confidence.	Enabling conditions	Exis…	Global	Policy & …	Mangrove Breakthrough	Global Mangrove Alliance	Countries NGOs Multi-sta…	November 2028…	Global

A global 'platform' of mangrove-positive projects is developed, aggregating projects from partners to support scaling up on the ground implementation.	Developing a global platform of investable mangrove projects, ensuring they meet high-integrity standards and connect local project developers with funding opportunities integrating tools to support successful mangrove action such as the Global Mangrove Watch, Mangrove Restoration Tracker Tool and Best Practices in Mangrove Restoration. This platform should build on the Mangrove Projects Portfolio, which brings together investment opportunities, and its corresponding Portfolio Dashboard, which hosts and tracks information on these opportunities.	Platform development	Exis…	Global	Supply	Mangrove Breakthrough	Global Mangrove Alliance Restor Capital for Climate		November 2028…	Global
8 - 12 million ha of mangroves are protected and restored by 2028 to achieve the 15 million ha goal by 2030.	Mobilizing Regional Readiness Reports, that provide consistent, comparable information for regions about status, threats, investment opportunities and enabling conditions to deliver the Mangrove Breakthrough in critical regions and enable geographically and thematically prioritization of action for mangroves	Knowledge	Exis…	Global	Knowled…	Mangrove Breakthrough	Global Mangrove Alliance	Countries NGOs Youth & I…	November 2028…	Global
	Develop 5-to-10-year Country Propositions for holistic, large-scale grant programs to deliver the goals of the Mangrove Breakthrough, where partners work together to leverage and connect government, philanthropic	Collaboration	Exis…		Knowled…		Global Mangrove Alliance	NGOs Multi-sta…	November 2028…	

	funding and private finance.									
US $ 1-2 billion is mobilised by 2028 for mangrove conservation and restoration through the development of a financial ecosystem designed to accelerate mangrove positive investment, in order to reach the goal of USD 4 billion invested by 2030.	Deploy proven financial instruments to unlock large-scale capital for mangroves, including technical assistance, blue and green bonds, and transition finance for mangrove-adjacent businesses. The Mangrove Catalytic Facility (MCF) could be a key focus of this financial mobilization, providing early-stage catalytic capital, strengthening enabling conditions and aligning projects in preparation with future investors to de-risk high-potential mangrove investments.	Finance	Exis…		Public/pr…			Investors Companies NGOs Countries	November 2028…	

DELIVERING ON THE CORAL BREAKTHROUGH

Output and Description	Action	Action Scope	Action Status	Countries	Implementation Levers	Output Lead Entity	Output Delivery Partners	Stakeholders to Mobilise	Delivery Milestone	Geographic Scope
Specific programmes or interventions are implemented to minimise, limit and/or reduce the impact of local drivers of loss including land-based pollution, destructive coastal development and overfishing that contribute to fully protecting 125,000 km2 of coral reefs by	Established networks and financing mechanisms, are providing support to organisations and governments in the development, and implementation, of conservation management strategies.	Collaboration	Exis…	Global	Policy & …	Coral Reef Breakthrough delivery partners	International Coral Reef Initiative Global Fund for Coral Reefs	Countries Cities and… Regulator… NGOs	November 2028…	Global

2030										
The area in which coral reefs are under effective area-based protection, has increased by at least 30% to 78,000km2.	Practitioners, organisations and governments are equipped with the necessary knowledge and capacity to establish area-based management tools.	Knowledge	Exis…	Global	Knowled…	Coral Reef Breakthrough delivery partners	Waitt Institute Blue Prosperity Coalition	Countries NGOs	November 2028…	Global
	Partnerships are established with existing tracking tools to monitor the increase in coral reef area under current area-based protection and provide insights at national, regional and global scales (where feasible) to monitor the impact.	Collaboration	Exis…		Partners…		Global Coral Reef Monitoring Network	Multi-sta… Technica…	November 2028…	
Coral restoration practitioners have suitable capacity, both technically and financially, to implement and scale restoration practices, increasing the current estimated area of actively restored coral reefs.	Tools, knowledge and guidance, including standardised indicators, are available to restoration practitioners to support implementation and effective monitoring.	Capacity-building	Exis…	Global	Knowled…	Coral Reef Breakthrough delivery partners	Coral Restoration Consortium	Youth & I… NGOs Countries	November 2028…	Global
	Develop a baseline of current coral reef area under and/or effectively restored at both the regional and global scales through existing organisations and networks	Knowledge	Exis…		Knowled…		Coral Restoration Consortium	Countries NGOs Youth & I…		

Significant pledges are mobilised from both public and private sources, to support the implementation and scale-up of conservation, protection and restoration solutions for coral reefs.	A portfolio of conservation, protection and restoration projects funded and supported are monitored alongside cost-efficient, scalable interventions across multiple reef regions.	Finance	Exis…	Global	Public/pr…	Coral Reef Breakthrough delivery partners	Global Fund for Coral Reefs		[]	Global

DELIVERING ON THE SALTMARSH BREAKTHROUGH

Output and Description	Action	Action Scope	Action Status	Countries	Implementation Levers	Output Lead Entity	Output Delivery Partners	Stakeholders to Mobilise	Delivery Milestone	Geographic Scope
The Saltmarsh Finance Roadmap is published to align project pipelines, government priorities and funder expectation and guide mobilisation.	Develop finance partnerships and working group to develop the roadmap and facilitate engagement between project developers, investors, governments, local communities, and organisations to understand the needed financial approaches to unlock investment into saltmarsh.	Finance	New…	Global	Public/pr…	Saltmarsh Breakthrough delivery partners	UK Center for Ecology & Hydrology WWF Blue Marine Foundation	Countries NGOs Investors	June 2028 (SB …	Global

Pipeline of Saltmarsh projects is developed, showcasing a regional portfolio of investible, high-integrity projects.	Create saltmarsh-specific funding pipelines (e.g. blended finance, insurance-linked models, de-risking capital) that deliver benefits for both nature and the people who depend on saltmarsh ecosystems.	Demand	New…	Global	Demand	Saltmarsh Breakthrough delivery partners	UK Center for Ecology & Hydrology WWF Blue Marine Foundation	Countries Cities an… Technica… NGOs	November 2027…	Global
An increased number of countries have increased commitments and developed enabling measures for the protection and restoration of saltmarsh within national climate strategies.	Review existing global commitments to identify gaps and opportunities, convening technical groups to support governments in aligning coastal/marine priorities. Help to guide targeted government engagement and secure visible commitments.	Policy	New…	Global	Policy & …	Saltmarsh Breakthrough delivery partners	UK Center for Ecology & Hydrology WWF Blue Marine Foundation	NGOs	November 2028…	Global
Partner with existing platforms for consistent monitoring and MRV for saltmarsh - providing consistent data for project-level investors and national reporting is launched.	Develop standardised protocols that encompass multiple ecological and social compartments to increase data availability on these ecosystems.	Technology	New…	Global	Technol…	Saltmarsh Breakthrough delivery partners	UK Center for Ecology & Hydrology WWF Blue Marine Foundation	Technica…	November 2028…	Global
Global Saltmarsh Alliance is launched. An active platform bringing together governments, NGOs, science, and the private sector to coordinate and track progress.	Establish the Global Saltmarsh Alliance, engaging key stakeholders, promoting the involvement of underrepresented groups to ensure legitimacy, equity, and inclusivity.	Partnership	New…	Global	Partners…	Saltmarsh Breakthrough delivery partners	UK Center for Ecology & Hydrology WWF Blue Marine Foundation	NGOs Multi-sta… Youth & I…	June 2027 (SB …	Global

DELIVERING ON THE SEAGRASS BREAKTHROUGH

Output and Description	Action	Action Scope	Action Status	Countries	Implementation Levers	Output Lead Entity	Output Delivery Partners	Stakeholders to Mobilise	Delivery Milestone	Geographic Scope
Seagrass ecosystem conservation, restoration and management needs are identified, along with respective methodologies and approaches to address them.	Conduct ecological surveys to map seagrass extent, density, and species composition. Engage local communities, fishers, indigenous groups, and policymakers to understand traditional knowledge and socio-economic dependencies.	Policy	Exis…	Global	Policy & …	Seagrass Breakthrough delivery partners	UN Convention on Migratory Species	Countries Youth & In… NGOs		Global
Progress tracking tool is developed that provides real-time monitoring and evaluation of the Seagrass Breakthrough targets.	A tracking tool is developed to monitor and evaluate progress. This tool will ensure transparency, enable adaptive management, and provide stakeholders with regular updates on milestones achieved.	Tool development	New…	Global	Knowled…	Seagrass Breakthrough delivery partners	UN Convention on Migratory Species		November 202…	Global
A financial roadmap is published to address insufficient economic frameworks to incentivize investment into seagrass protection and restoration.	Publish a multi-stakeholder Framework to align project pipelines, government priorities, and funder.	Finance	New…	Global	Public/pr…	Seagrass Breakthrough delivery partners	UN Convention on Migratory Species		[]	Global

A comprehensive Seagrass Baseline Dataset is developed to address insufficient and inconsistent data on seagrass distribution and health, and inadequate sampling or monitoring techniques.	Develop standardized, geo-referenced global maps of seagrass distribution to establish a centralized database consolidating historical and new monitoring data and determine priority areas for conservation.	Risk assessment	New…	Global	Risk-info…	Seagrass Breakthrough delivery partners	UN Convention on Migratory Species	NGOs	[]	Global

DELIVERING ON THE KELP BREAKTHROUGH

Output and Description	Action	Action Scope	Action Status	Countries	Implementation Levers	Output Lead Entity	Output Delivery Partners	Stakeholders to Mobilise	Delivery Milestone	Geographic Scope
Develop a global framework for State and Non-state actors to harness the potential of Kelp forests, a Nature-based Solution for climate, biodiversity, and people.	Launch the Kelp Breakthrough at COP31	Collaboration	New…	Global	Partners…	Kelp Forest Alliance			November 202…	Global
Secure 30% of kelp forest habitat in well-managed and equitable protection.	Assess current status of protected area coverage across kelp distribution. Identify priority areas for protection.	Conservation planning	New…	Global	Policy & …	Kelp Forest Alliance		Technica… Countries NGOs	November 202…	Global

Bring 1 million hectares of kelp forest habitat under restoration.	Develop cost-effective restoration methods and identify priority areas for restoration.	Conservation planning	New…	Global	Policy & …	Kelp Forest Alliance		[]	[]	Global
Secure $14 B USD for the protection and restoration of kelp ecosystems globally.	Work with key partners and governments to develop a financial roadmap for the protection of kelp ecosystems.	Collaboration Finance	New…	Global	Public/pr…	Kelp Forest Alliance		NGOs	November 202…	Global
Develop a comprehensive map of kelp forest distribution globally and key areas for protection and restoration prioritisation.	Work with partners to create a high resolution map of kelp forest globally.	Knowledge	New…	Global	Knowled…	Kelp Forest Alliance		NGOs	November 202…	Global
Create a coordinated roadmap and regional plans to achieve the protection and restoration targets.	Convene regional and national working groups to create detailed and collaborative plans for scaling up local kelp conservation efforts.	Collaboration	New…	Global	Partners…	Kelp Forest Alliance		NGOs	November 202…	Global

DELIVERING ON THE COASTAL TOURISM BREAKTHROUGH

Output and Description	Action	Action Scope	Action Status	Countries	Implementation Levers	Output Lead Entity	Output Delivery Partners	Stakeholders to Mobilise	Delivery Milestone	Geographic Scope

Innovative financing mechanisms generate resources for ecosystem restoration and climate adaptation, while ensuring equitable benefits for coastal communities and Indigenous Peoples and strengthening the sustainability of coastal tourism.	By 2028, establish and scale-up innovative financing mechanisms for sustainable coastal tourism (e.g. tourist taxes and fees that consider equity and accessibility, including differentiated or compensatory mechanisms to ensure universal access, with local reinvestment in protected areas and communities, concession fees, environmental taxes, blue bonds, and conservation trust funds) designed to channel resources towards ecosystem regeneration, climate adaptation, and equitable benefits for coastal communities and Indigenous People.	Finance	New…	Global	Public/pr…	Coastal Tourism Breakthrough partners	Waitt Institute Blue Prosperity Coalition	MDBs Investors Companies NGOs		Global
Collaborative governance at destination-level, driven by the interest and willingness of local communities, strengthens sustainable tourism management and climate action, delivering tangible benefits for Indigenous People and Local communities and ecosystems.	Build destination-level partnerships that bring together public authorities, tourism operators, local communities, and Indigenous Peoples to design and implement sustainable tourism management and climate action plans, driven by local interest and leadership, with robust consultation mechanisms.	Collaboration	New…	Global	Risk-info… Policy & …	Coastal Tourism Breakthrough partners		Companies NGOs Countries Cities an… Youth & I…	November 202…	Global
Private sector stakeholders expand direct investments in nature-based tourism activities such as marine conservation tours, habitat restoration programs, and	By 2028, conduct a series of awareness-raising campaigns to improve understanding and knowledge of private sector stakeholders of the value of the natural assets they rely	Finance	New…	Global	Knowled…	Coastal Tourism Breakthrough partners		NGOs	November 202…	Global

community-led ecotourism initiatives that promote climate resilience while enhancing adaptation capacity of coastal ecosystems.	on.									

DELIVERING ON THE BLUE ENTREPRENEURSHIP BREAKTHROUGH

Output and Description	Action	Action Scope	Action Status	Countries	Implementation Levers	Output Lead Entity	Output Delivery Partners	Stakeholders to Mobilise	Delivery Milestone	Geographic Scope
Announcement of the Blue Entrepreneurship Breakthrough (BEB) at COP30 and Our Ocean Conference	Official introduction of the BEB as a cross-cutting enabler of all ocean breakthroughs.	Community engagement	Real…	Global	Partners…	Blue Entrepreneurship Breakthrough delivery partners	HLC MP GCA Ocean & coastal Zones	Compa… Multi-sta… NGOs	November 202…	Global
Official launch of the BEB at COP31	Official launch at COP31	Community engagement	New…	Global	Partners…	Blue Entrepreneurship Breakthrough delivery partners	OHA & Ilhahub	NGOs Investors Companies Regulato… Multi-sta…	November 202…	Global
A science-based 2030 target contributing 10-20% to each Ocean Breakthrough to drive technical and financial support for blue entrepreneurship.	Establish a science-based, measurable 2030 goal (e.g., blue jobs created, financing mobilized, ventures supported).	Partnership	Exis…	Global	Knowled…	Blue Entrepreneurship Breakthrough delivery partners	1000 Ocean Startup Finance experts OIA Blue Invest Africa	Companies Multi-sta… NGOs	June 2026 (SB…	Global

A structured stakeholder mapping and engagement framework for the effective implementation of the BEB.	Identify and map key stakeholders and experts per target (finance, venture support, policy, science, community). Designate one or two lead organizations per group and an outer circle of validators/advisors.	Community engagement	Exis…	Global	Knowled…	Blue Entrepreneurship Breakthrough delivery partners	1000 Ocean Startup SEBRAE UNDP	NGOs Investors Companies Technica…	November 202…	Global
	Build alignment with existing events, platforms, and networks (e.g., OIA, 1000 Ocean Startups, BlueInvest Africa) and plug BEB actions into these ecosystems.		Exis…	Global	Partners…	Blue Entrepreneurship Breakthrough delivery partners	1000 Ocean Startup Finance experts OIA Blue Invest África	Multi-sta…	November 202…	Global
Establishment of a Collaborative Blue Governance Framework for Multi-Stakeholder Coordination	Develop, secure international signing, and launch a Global Blue Governance Framework that acts as an inclusive mechanism linking governments, private sector, civil society, and academia to coordinate global, national, and regional blue economy initiatives, share lessons, and align investments with global ocean goals.	Partnership	Exis…	Global	Partners…	Blue Entrepreneurship Breakthrough delivery partners	Sebrae	Multi-sta…	November 202…	

DELIVERING ON THE PEOPLE OF THE OCEAN BREAKTHROUGH

Output and Description	Action	Action Scope	Action Status	Countries	Implementation Levers	Output Lead Entity	Output Delivery Partners	Stakeholders to Mobilise	Delivery Milestone	Geographic Scope
Coastal and marine Indigenous Peoples and Local Communities are enabled to effectively participate in UNFCCC and COP processes.	Conduct pre-COP meetings to consult communities, discuss local and regional/national plans, and address local and national realities that include coastal communities.	Partnership	New…	Global	Knowled…	People of the Oceans Breakthrough delivery partners		Companies Multi-sta… NGOs	November 202…	Global
	Provide financial, technical, and institutional support for IP&LCs to build skills, conduct community consultations, and engage effectively in climate processes.	Community engagement	New…	Global	Knowled…	People of the Oceans Breakthrough delivery partners		NGOs Investors Companies Technica…	November 202…	Global
IPs are recognized as rightsholders over their territories with legal recognition of their rights to coastal and marine areas.	Work towards launching the Peoples of the Oceans breakthrough at COP31, to raise the profile and showcase efforts of Indigenous Peoples, coastal communities and fisherfolk in Ocean Climate Action.	Partnership	New…	Global	Partners…	People of the Oceans Breakthrough delivery partners		Multi-sta…	November 202…	Global
	Expand recognition frameworks to encompass coastal and marine areas, providing structured and context-adaptable rights, while promoting flexible	Policy development	New…		Partners…			NGOs	November 202…	

	mechanisms for territorial recognition and protection that safeguard IP& LCLC livelihoods at the national and international level.									
IP&LC knowledge and rights are recognized and uplifted across planning and policy making instruments.	Provide localized funding and technical support for IP&LCs to effectively participate in policy and decision making processes and governance structures.	Finance	New…	Global	Public/pr…	People of the Oceans Breakthrough delivery partners		Multi-sta…	November 202…	Global
	Ensure alignment, through technical and advocacy work, between local and national levels, integrating diverse knowledge systems, and highlighting effective local solutions across governance instruments and scales.	Knowledge facilitation & partnership	New…	Global	Knowled…	People of the Oceans Breakthrough delivery partners		Multi-sta…	June 2026 (SB…	Global

5. Annex- Additional Supporting Stakeholders *List of any additional stakeholders supporting the PAS delivery; not only directly associated with a specific output. Examples include: Governments, Financial institutions, MDBs, Philanthropies, Cities and regions, Companies, Technical institutions, Civil society organisations, Indigenous Peoples' organisations, Networks and coalitions [Insert list]*

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100% Alliance; Advancing Coastal Wetlands Conservation Project; Aquatic Food Breakthrough; Blue Azores Program; Blue Entrepreneurship Breakthrough; Blue Nature Alliance; Blue NDC Challenge; Blue Prosperity Coalition; Coastal 500; Coastal Tourism Breakthrough; Global Fund for Coral Reef - GFCR; Global Mangrove Alliance; Global Ocean Energy Alliance (GLOEA) for Small Island Developing States (SIDS); Great Blue Wall; High Ambition Coalition for Nature and People; Indigenous People and Local Communities Ocean Breakthrough; International Coral Reef Initiative (ICRI); International Platform for Ocean Sustainability (IPOS); Island Ocean Connection Challenge; Kelp Breakthrough; Mangrove Breakthrough; Marine Biodiversity & Ocean Health Breakthrough for International Shipping (MBOH); Marine Conservation Breakthrough: MENA Oceans Initiative; Ocean Breakthroughs; Ocean Finance Facility; Ocean Renewable Energy Breakthrough; Ocean Resilience & Climate Alliance; Ocean Risk and Resilience Action Alliance (ORRAA); One Ocean Finance Facility; One Ocean Partnership; Saltmarsh Breakthrough; Seagrass Breakthrough; Seaweed Breakthrough; SHE Changes Ocean; United Nations Environment Programme Finance Initiative.