Data to Action Pipeline

A quick guide for scientists, practitioners and funders on the distinct roles and complementary functions of key mangrove platforms and how they work together.



Defining Partnerships

The Global Mangrove Alliance, a global initiative of 100+ members working to conserve and restore mangroves, has developed science-based tools to support practitioners and track progress towards global goals to halt loss, restore half, and double the protection of mangroves. The Global Mangrove Watch provides the scientific foundation for these goals and informs policy and decision making. The Mangrove Restoration Tracker Tool offers a standardized framework for monitoring and reporting restoration.

The Mangrove Breakthrough (MB), a global movement to accelerate action and investment, aims to mobilize USD 4B for mangrove conservation. To unlock finance, the MB selected Restor and Capital for Climate to host its Mangrove Projects Portfolio. All four platforms work toward mangrove recovery and conservation, and each plays a distinct, complementary role in the partnership's data-to-action pipeline.

Feature	Global Mangrove Watch	Mangrove Restoration Tracker Tool	Mangrove Projects Portfolio on Restor	Capital for Climate NbS Investment Platform
Primary Role	Global satellite mapping, monitoring, and scientific baselines	Restoration monitoring and reporting	Conservation projects, community, impact, and funding	Engagement with investors
Primary Audience	Land managers, scientists, policymakers, GIS analysts	Restoration practitioners and implementing organizations	Conservation practitioners, NGOs, communities, funders	Impact investors, development finance institutions, funders
Primary Uses	• Identify priority areas • Analyze mangrove trends • Inform government action plans	• Store restoration projects • Standardized monitoring framework • Evaluate restoration outcomes	• Store conservation projects • Community networking • Funding visibility	• Identify investment-ready projects • Invest in projects
Data Depth	Global remote sensing, models, contextual data, and statistics	Technical site-level data	Global models, ecological data layers, and site-level data	
Relationship	Generates science and hosts the data layers	Receives restoration data from users and connects to science on the Global Mangrove Watch	Hosts the community, conservation projects, and funders	Positions mangrove positive businesses with investors

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