



ANNUAL REPORT 2025

Mikoko Yetu, Uhai Wetu





Letter from the Team

2025 has been a truly historic year for Blue Earth Organization.

This year, we planted a record-breaking **26,631 mangroves** each one playing a vital role in protecting our coastlines, supporting marine biodiversity, and strengthening our collective response to climate change. These mangroves represent more than trees; they are living symbols of resilience, hope, and community action.

One of the most inspiring highlights of 2025 has been the leadership and participation of women and girls across Mombasa. Their energy, commitment, and courage shaped every planting activity. **65.8% of our participants were women and girls**, reaffirming our belief that women-led climate action is essential for sustainable biodiversity protection and community resilience.

To our volunteers, partners, supporters, and community members...

Thank You!!!

Your hands planted hope, your voices amplified climate justice, and your commitment restored ecosystems and strengthened livelihoods. Together, we are building a future where people and nature thrive side by side.

We look ahead with renewed determination to expand our impact, deepen community leadership, and continue restoring mangroves as powerful solutions for climate resilience and environmental justice.

With gratitude and unwavering commitment,
The Blue Earth Organization Team





About Blue Earth Organization

We are a women and youth-led organization working in partnership with local communities. Our core activity is mangrove restoration. By buying seedlings from the communities living around the ecosystem we ensure they benefit directly from our efforts and gain a sustainable income. Our volunteers include community members, youth, and other supporters. We plant these seedlings in degraded mangrove areas, restoring ecosystems while tackling the root causes of deforestation. As a women-led organization, we place particular focus on engaging and empowering young girls, building the next generation of environmental leaders.



Mission

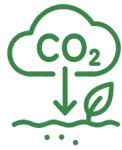
We protect and restore mangrove ecosystems to fight climate change and preserve biodiversity. We empower women, youth, and indigenous communities to lead these efforts, tackling the root causes of ecosystem degradation for a sustainable, lasting impact.





Why Mangroves Matter

Mangroves are critical ecosystems that capture carbon, support fisheries, marine life and protect coastlines from storm surges. They serve as nurseries for endangered species, prevent erosion, and store more carbon than terrestrial forests. Human activities and climate change have destroyed over half of the world's mangrove forests, making urgent conservation efforts essential.



Carbon Capture

Mangrove forests are nature-Based CO2 removers. One hectare of young mangrove forest can capture and Sequester about 23.1 tons of CO2 per year¹-around ten times more than tropical rain forest².



Biodiversity

Over 1,500 species depend on mangroves for their survival³. With their unique function linking land and sea ecosystems, they are crucial for both marine species such as fish and turtles.



Coastal Protection

Mangroves are natural defense Against Storms waves, and shoreline erosion. A 500m Wide strip of mangrove forest dissipates at least 75% of the incoming wave energy⁴. This protective function is critical as climate change intensifies storms.



Livelihoods

By acting as nurseries for fish, crabs, and shrimp, mangroves directly support coastal economies. One hectare of mangrove forest generates up to USD 5,000 per year⁵ from shrimp and fish harvests.



Food Security

Mangroves are crucial for food systems, serving as breeding grounds for fish, crabs and shrimp that coastal communities depend on for daily nutrition. By supporting fisheries, mangroves help combat hunger and malnutrition while strengthening food security in coastal communities.



What we do

Mangrove Restoration

As our core activity we restore degraded mangrove ecosystems along Kenya's coast through community-led planting and protection. By engaging women and youth and sourcing seedlings from local communities, we strengthen biodiversity, climate resilience, and sustainable livelihoods.



Education and capacity building

Through school programs, community training, and indigenous knowledge exchanges, Blue Earth equips youth and communities with the skills and knowledge needed to protect biodiversity, mangrove ecosystems, and build climate resilience.



Global advocacy

We amplify community voices through digital campaigns, partnerships, and global forums to promote biodiversity protection, climate justice, and women-led, community-driven environmental solutions.





Our Mangrove events

26 631

**Mangroves
Planted**

13

**Events
Organized**

339

Volunteers

233

Female

116

Male

We continue to demonstrate the power of community-led environmental action. We organized 13 restoration events where we planted 26,631 mangrove seedlings, supporting the recovery of degraded coastal ecosystems and strengthening natural climate resilience.

A total of 339 volunteers participated in our activities, including 223 women and girls (66%) and 116 male participants (34%). This strong female participation highlights our commitment to inclusive conservation and women's leadership in climate action.

These results reaffirm a simple truth: when communities come together, great things happen. Each mangrove planted represents a step toward healthier coastlines and a more sustainable future.





BLUE EARTH ORGANIZATION
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Date	No of mangroves planted	Volunteers	Female	Male
3 rd March	3000	17	11	6
2 nd April	1300	22	9	13
5 th April	3200	23	15	8
12 th April	200	10	8	2
19 th April	4100	30	19	11
20 th April	3150	35	24	11
10 th May	2400	27	18	9
17 th May	2400	30	20	10
23 rd August	500	30	20	10
13 th October	1500	28	17	11
15 th November	1181	15	10	5
29 th November	2300	33	25	8
20 th December	1400	35	26	9



Community Workshop & Capacity Building

On 6th May we conducted a community workshop attended by 17 local community members, including fish sellers and young girls. The session focused on identifying key challenges affecting mangrove restoration and strengthening knowledge on sustainable management practices. Participants highlighted major threats such as destructive harvesting of crabs and prawns, pollution from oil, plastics and sewage, and hydrological changes linked to the Dongo Kundu Bridge, all of which affect mangrove health. The workshop also provided practical learning on hydrology, salinity, and proper planting techniques to improve restoration success.



Global Advocacy & Conference

We continued to amplify the voices of women, Youth and coastal communities on international platforms showcasing mangroves as a critical nature-based solution for climate resilience. We joined the Bonn Climate Camp organizing team, facilitating youth-led discussions and leading a workshop on mangrove restoration while advocating for loss and damage financing for Front-line communities. At COP30 in Belém, Brazil, we contributed to global climate dialogue through workshops, panel discussions, and bilateral meetings, including engagement with Brazil's Minister of Women to highlight our women-led mangrove restoration model and the importance of gender-inclusive climate Leadership. At UNEA-7, we brought the perspectives of coastal youth and women to the global stage, calling for respect of planetary boundaries and stronger environmental protection policies. Together, these engagements strengthened Blue Earth's presence in international climate action and advanced our mission of biodiversity protection community empowerment, and climate justice



Conferences Participated

- UNFCCC SB62
- UNFCCC COP30
- UNEA-7





Impact Stories From Our Communities



I started planting mangroves this year, and through this experience I have learned a lot and made many new friends. I thank BEO because through the funds we receive from planting mangroves, I was able to buy school stationery and important personal items. I am truly excited to come back again next year.

Mwanajuma Bakari

I have been planting Mangroves with Blue Earth for five years, and since working With mangroves my children are doing well and I am also doing well.

Zawadi Kwekwe



I am a fisherman and I love Mangroves. I truly understand their Benefits. We need more people to know about their importance and to protect them. I get my fish from these mangroves, and I have been fishing for the last three years, selling prawns and fish. If these mangroves are destroyed, we will have no more income.

Saidi Nyamawi





Our Profound Appreciation

This year has shown us that real climate action begins with people, their hands, their stories, and their belief in a better future. Every mangrove planted, and every coastline restored has been made possible because of your partnership.

Thank you for growing hope with us. The roots we plant today will protect generations tomorrow.



Our Partners



ONE PLANET

WORLD
SAVING
HUSTLE





References

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4. van Wesenbeeck, B.K., van Zelst, V.T.M., Antolinez, J.A.A. et al (2025). Quantifying uncertainty in wave attenuation by mangroves to inform coastal green belt policies. *Commun Earth Environ* 6, 258. <https://doi.org/10.1038/s43247-025-02178-4>
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