

BUILDING A PROJECT PIPELINE: ADVANCING JUST TRANSITION



Programa
de Ações
Transformadoras



PROGRAMA MUNICIPAL DE RESTAURAÇÃO DE ECOSSISTEMAS URBANOS – VIVA MINDU/ALTO CURSO



PROJECT CITY

Manaus, Brazil
— Igarapé do Mindu basin
(21 km across 14 neighborhoods)



SECTOR

[E] 36–39 – Water supply, sewerage, waste management and remediation (primary); [F] 41–43 – Construction; [O–Q] 84–88 – Public administration, education, health and social services

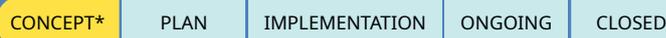


COST

USD 150,000,000



STAGE OF PROJECT CYCLE



*Pre-feasibility

PROJECT OVERVIEW

The Viva Mindu/Alto Curso Program is a flagship initiative of the Municipality of Manaus to restore the Mindu watershed, one of the city's most critical urban ecosystems. Spanning 21 km across 14 neighborhoods, the Mindu connects densely populated areas to remaining forest fragments and provides essential ecosystem services such as water regulation, flood mitigation, and heat-island reduction. The program aims to reverse decades of uncontrolled urbanization that have caused vegetation loss, water contamination, and ecosystem degradation.

Coordinated by SEMMASCLIMA and implemented with SEMINF, IMPLURB, SEMULSP, universities (UEA and UFAM), MUSA, and community organizations, the project integrates ecological restoration, green infrastructure, and environmental education to strengthen climate resilience and improve quality of life. It will protect and restore headwaters, reforest degraded riparian areas, build linear parks and ecological trails, and promote biodiversity conservation — with special focus on the sauí-de-manau (Saguinus bicolor), an endemic and endangered primate that symbolizes the city's natural heritage.

Beyond ecological restoration, Viva Mindu is an urban resilience strategy that links environmental recovery with social inclusion, sustainable mobility, and local development. It will create new public green areas, enhance drainage systems through bioengineering, and generate green jobs in reforestation, maintenance, and community engagement. The program also envisions a Participatory Management Committee to ensure community ownership and long-term sustainability.

EQUITABLE AND PEOPLE-CENTERED DEVELOPMENT APPROACHES

Participatory governance via a Participatory Management Committee and community committees tied to the park; co-design of public green spaces and linear parks; continuous environmental education with schools, associations and local leaders to foster inclusion and shared stewardship.

GENDER EQUALITY AND WOMEN'S EMPOWERMENT

While not explicitly framed as a gender program, actions include school- and community-based education, volunteerism and committee participation that can incorporate and elevate women's leadership and participation across activities.



SUPPORT FOR VULNERABLE COMMUNITIES

Focus on densely populated neighborhoods along the Mindu, prone to flooding and heat stress. Reforestation, drainage-nature integration, public green areas and education directly improve health, safety and quality of life for climate-exposed residents.



CO-BENEFITS

CLIMATE BENEFITS

- Reforestation of APPs and headwaters, bioengineering for erosion control, and nature-based drainage reduce floods, enhance adaptation, sequester carbon and cool heat islands.



RESILIENCE BENEFITS

- Permanent monitoring (water quality, vegetation, fauna)
- Participatory governance, and integrated O&M increase institutional capacity to prevent/mitigate disasters.



SOCIAL BENEFITS

- New/rehabilitated green spaces, trails and community areas promote recreation, non-motorized mobility, safety, education and social cohesion
- Strengthened environmental culture and local identity.



ECONOMIC BENEFITS

- Stimulation of green jobs (planting, maintenance, monitoring, park operations), enhanced ecotourism and community economy
- Potential reduction of disaster-related costs.



RELATED SDGs



TAP SERVICES PROVIDED

- Technical support for project structuring/readiness
- Visibility and matchmaking with cooperating institutions
- Capacity building on procurement, supervision, community engagement and M&E.

SUPPORTED BY



STRENGTHENING
CAPACITIES
Strategies for **Financing** and **Resilience**

