

BUILDING A PROJECT PIPELINE: ADVANCING JUST TRANSITION



Programa
de Ações
Transformadoras



CLIMA360° – URBAN TRANSFORMATION AND CLIMATE RESILIENCE PROGRAM OF PALMAS



PROJECT CITY

Palmas, Tocantins – Brazil



SECTOR

71 – Urban development and environmental management



COST

USD 60,000,000



STAGE OF PROJECT CYCLE

CONCEPT

PLAN*

IMPLEMENTATION

ONGOING

CLOSED

*Pre-feasibility

PROJECT OVERVIEW

The CLIMA360° Program, led by the Municipality of Palmas through its Municipal Environment Foundation (FMA), addresses the main socio-environmental challenges of one of Brazil's fastest-growing and hottest capitals. Despite its economic dynamism as a hub for commerce, tourism, and agribusiness, Palmas faces rising average temperatures (from 25.77°C in 1995–1997 to 27.56°C in 2021–2023), severe droughts, urban heat islands, and increasing flood risk.

The program proposes an integrated climate action framework combining green infrastructure, ecological restoration, waste management, circular economy, education, and institutional strengthening. It aligns with the National Climate Change Policy, the National Adaptation Plan, the Forest Code, and the city's own Master Plan, Municipal Environmental Policy, and Climate Change Policy.

Strategic interventions include the Environmental Complex of Brejo Comprido (housing the Botanical Garden, Climate Education School PlantE, and the Municipal Nursery), the revitalization of major parks (Cesamar, Povos Indígenas, Santa Fé, Bosque dos Buritis, and Parque do Sol), and urban reforestation and sustainable drainage systems.

Implementation is planned for 2026–2030, focusing on equitable benefits for all regions, especially the city's southern zone, where social and environmental vulnerabilities are most acute.

EQUITABLE AND PEOPLE-CENTERED DEVELOPMENT APPROACHES

CLIMA360° integrates social inclusion and community participation throughout its structure. The program ensures that the expansion of green areas, parks, and recreational spaces reaches low-income and peripheral neighborhoods. Actions such as environmental education, the creation of Eco Squares, and the empowerment of recycling cooperatives promote co-responsibility, citizen engagement, and a fair distribution of environmental benefits across the city.

GENDER EQUALITY AND WOMEN'S EMPOWERMENT

Although not explicitly stated in the materials, gender equity is implicitly supported through inclusive training, participatory governance, and income opportunities in waste management and environmental education initiatives.



SUPPORT FOR VULNERABLE COMMUNITIES

The program prioritizes peripheral communities and informal areas most exposed to heat stress, floods, and lack of public infrastructure. It offers new shaded and safe leisure spaces, supports waste picker cooperatives, and strengthens community resilience through capacity building and local participation in project implementation and monitoring.



CO-BENEFITS

CLIMATE BENEFITS

- Mitigation: urban reforestation and forest restoration sequester carbon and reduce urban temperatures.
- Adaptation: green corridors, filtering gardens, and sustainable drainage enhance flood prevention and water retention.
- Monitoring: installation of local climate and hydrological alert systems improves readiness for extreme events.



RESILIENCE BENEFITS

- Enhanced institutional capacity through the establishment of the Program Management Unit (UGP) and integration of municipal agencies.
- Implementation of the Climate Action Plan, Urban Arborization Plan, and real-time monitoring systems for environmental risks.
- Strengthened capacity to prevent and respond to droughts, floods, and fires.



SOCIAL BENEFITS

- Broader access to public parks, mobility corridors, and recreational areas.
- Strengthened community identity through environmental education and cultural spaces.
- Inclusion of 5,000 citizens in sustainability and climate training by 2030.



ECONOMIC BENEFITS

- Creation of green jobs in urban forestry, ecotourism, and waste management.
- Expansion of circular economy activities, with eco-points, recycling centers, and partnerships with local cooperatives.
- Long-term cost savings through nature-based solutions reducing energy, health, and disaster-response expenditures.



RELATED SDGs



SUPPORTED BY



TAP SERVICES PROVIDED

- Technical support for project structuring/readiness (as per TAP pipeline scope).
- Visibility/matchmaking with cooperating institutions.
- Capacity building for procurement, supervision, community engagement, and M&E.