

Pre-feasibility study for green spaces and urban infrastructure

Potential Climate/ Disaster Impacts addressed and Justification for this Approach

The citizens of Palmas are exposed to climate-related hazards, in particular flooding and heatwaves. Linear parks prevent the degradation of river banks and waterbodies, improve urban drainage, reduce erosion, heat island effects and watershed flooding. Moreover, they offer many co-benefits: Environmental: reduction of emissions, restoration and recovery of ecosystems, improvement of water quality and availability. Social: Improvement of the population's quality of life and security through well-maintained green public spaces in which leisure and sport activities are promoted. Economic: Income generation opportunities for local businesses.

Process of Implementation

After shortlisting the city, the Gap Fund conducted a detailed assessment that was approved by the TS. The team prepared a ToR with the city and later on, the TA was implemented and supervised by the GF team. Throughout the process, all relevant stakeholders were engaged.

Project Title

Support for Project Preparation for Urban Progress (SuPPUrbP) - City Climate Finance Gap Fund

Project Number

20.9118.9-001

Results and Impacts

Supporting a comprehensive pre-feasibility approach for the creation of an Urban Linear Park in Sussuapara Conecta (Palmas) consisting of the following components: 1) analysis of sustainable drainage system in the Sussuapara stream through a) surveys on the watercourse, b) artificial drainage and watershed's retention capacity analyses, c) measurements of the soil's absorption and infiltration of rainwater; 2) surveying and landscaping of the urban park and possibly conducting complementary studies on degradation; 3) Identification of context-based participatory management strategies according to sociocultural and environmental guidelines; 4) analysing options for financing and structuring of the project.



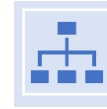
TYPE OF APPROACH

Framework conditions



COUNTRY

Brazil



LEVEL OF INTERVENTION

city, neighbourhood



TYPE OF RISK MANAGEMENT

prevention



MAIN HAZARDS ADDRESSED

Flood, Heat Wave



URBAN FUNCTION PROTECTED

Recreation, Economic opportunities/ jobs / work environment, Basic existential functions (water, electricity, etc.)



SPHERE OF INTERVENTION

environment



COOPERATION PARTNERS

Municipality of Palmas, Municipal environmental foundation