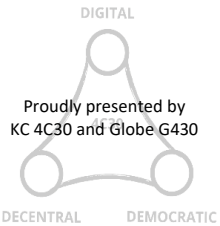


# Pre-feasibility study for greening of urban areas



## Potential Climate/ Disaster Impacts addressed and Justification for this Approach

The risk of flooding and heatwaves in Rio de Janeiro and Campinas is expected to be exacerbated due to climate change and urban expansion into wetlands. The creation of linear parks as a Nature-based Solution (NbS) aims at the socio-environmental requalification of the territory, bringing benefits related to the mitigation of extreme events such as increased soil permeability, availability of flood areas, air quality and heat islands, in addition to ensuring universal accessibility, a feeling of belonging of the population and intensifying active mobility, providing the population with sports and leisure equipment.

## 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.

## Results and Impacts

Development of pre-feasibility study: 1) Catalogue of the NbS that are envisioned for the project and landscaping and polinisers catalogue; 2) development of a methodology for the quantification of environmental, economic and social risks and benefits of the implementation of NbS in linear and fluvial parks and quantification of such risks and benefits; 3) Project design for the "Parque Linear do Crrégo Bandeirantes" (Campinas-SP); 4) Financial model for the maintenance of the fluvial park "Parque Fluvial do Jarim Maravilha" (Rio de Janeiro), including a methodological guide for its implementation; 5) Multi-stakeholder governance model for the maintenance of the fluvial park.

### Project Title

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

### Project Number

20.9118.9-002.00



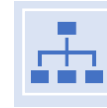
### TYPE OF APPROACH

Implementation of technical solution



### COUNTRY

Brazil



### LEVEL OF INTERVENTION

city, neighbourhood



### TYPE OF RISK MANAGEMENT

prevention, resistance, transformation



### MAIN HAZARDS ADDRESSED

Flood, Heat Wave, Storm



### URBAN FUNCTION PROTECTED

all



### SPHERE OF INTERVENTION

economy, environment



### RESOURCES REQUIRED

1 national staff (Brazil),  
2 international staffs, part time staff from BEI, 1 consultancy company) - 12 months



### COOPERATION PARTNERS

Municipal Secretariat for Green, Environment and Sustainable Development - Campinas/SP