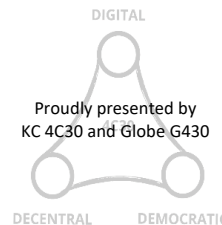


# Feasibility study, basic design and link to finance for NbS / hybrid infrastructure in Vila Mar, a low-income community in Salvador/BA, to promote climate adaptation



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

Due to its location on a peninsula, its rough topography and extreme weather events, 45% of Salvador's residents live in (climate) risk areas. Vila Mar I and Vila Mar II are two low-income neighborhoods located in Salvador's hilly terrain. They are unprotected against flooding and landslides, with many buildings not following zoning and construction guidelines.

## Process of Implementation

The CFF provides cities with technical assistance to develop finance-ready low carbon and climate-resilient infrastructure projects. The project in Salvador is one of projects that is currently receiving support until 2024. The city has developed concrete adaptation measures outlined in a Structural Action Plan (Plano de Ações Estruturais, PAE) to address climate risks in these two neighbourhoods. The PAE can be considered a pre-feasibility study. The adaptation measures outlined in this study are a mix of green, blue, grey and hybrid infrastructure solutions, incl. water retention areas, natural riverbed rehabilitation, soil-strengthening vegetation, green areas for infiltration and shading and paved slopes. Based on the PAE, the CFF's role will be to detail these measures in a feasibility study, enhance the adaptation approach through co-benefits and cost-benefits analysis and to identify suitable financing sources for the construction of these measures. Capacity Development of the officials from the municipality is also predicted to promote the replication of the project.

## Project Title

C40 Cities Finance Facility (CFF)

## Project Number

21.2214.1

## Results and Impacts

It is estimated that the project will benefit approximately 8,500 people in the neighbourhoods of Vila Mar I and II. The current project is conceived by the city as a pilot project that can be scaled-up and replicated in other low-income settlements in Salvador, also given that the city has prepared PAEs for 16 other neighbourhoods.



### TYPE OF APPROACH

Implementation of technical solution



### COUNTRY

Brazil



### LEVEL OF INTERVENTION

city, neighbourhood



### TYPE OF RISK MANAGEMENT

prevention, resistance, transformation



### MAIN HAZARDS ADDRESSED

landslide, flood, heat wave



### URBAN FUNCTION PROTECTED

Housing, Health care, Public security/ civil protection



### SPHERE OF INTERVENTION

socio-political sphere/ governance, environment



### RESOURCES REQUIRED

Project Preparation: Full-time Senior Project Advisor for 18-20 months. Estimated investment volume of 11m EUR aims to address this complex challenge



### COOPERATION PARTNERS

City of Salvador



### LINKS

<https://www.c40cff.org/>