

Transformative Riverine Management Programme

Potential Climate/ Disaster Impacts addressed and Justification for this Approach

The eThekweni Metropolitan Municipality (eThekweni Municipality) governs the greater Durban area, a coastal city containing 18 major river systems. Some river systems extend far inland of the city boundary. Over the past 30 years, deteriorating river water quality and more frequent flooding have caused escalating costs to the city, businesses and citizens. In the south eastern province of KwaZulu-Natal (KZN) in South Africa alternating cycles of drought and flood have driven informal settlements into flood plains, resulting in extreme vulnerability and loss of life and property.

Process of Implementation

The CFF provides cities with technical assistance to develop finance-ready low carbon and climate-resilient infrastructure projects. The project in Durban was one of 14 projects that received support between 2019 - 2021. Durban's Transformative River Management Programme (TRMP) aims to expand existing river management in the city, including eThekweni Municipality's 'Sihlanzimvelo' Stream Cleaning Programme, to all 7.400 km of streams and rivers in the city to strengthen its communities' resilience to the effects of climate change. Key to this approach is funding community co-operatives for stream management by internalising future costs resulting from climate-related damages to infrastructure, i.e. damages incurred without the ecosystem services. By promoting local enterprises and creating jobs centred around ecological infrastructure, the city is anchoring the transition to a green economy and encouraging the development of social and economic capital in the city.

Project Title

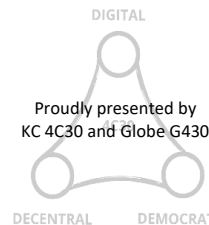
C40 Cities Finance Facility (CFF)

Project Number

18.2102.4

Results and Impacts

Predicted: at least 10,000 permanent jobs; population benefitting from increased resilience: 750,000 individuals; scale-up potential: 7 municipalities in South Africa are now preparing TRMPs for their cities.



TYPE OF APPROACH

Implementation of technical solution



COUNTRY

South Africa



LEVEL OF INTERVENTION

city, neighbourhood



TYPE OF RISK MANAGEMENT

prevention, transformation



MAIN HAZARDS ADDRESSED

flood



URBAN FUNCTION PROTECTED

all



SPHERE OF INTERVENTION

socio-political sphere/ governance, economy, environment



RESOURCES REQUIRED

Investment volume: USD 470 million for implementation



COOPERATION PARTNERS

The City of Durban



LINKS

<https://www.c40cff.org/knowledge-library/resources-from-durban>