

# Fiji Resilient Informal Settlements

Supporting the most vulnerable communities in building adaptive capacity against climate change and disaster risks

Fiji is geographically and culturally considered the centre of the Pacific and has historically served as a regional hub. Located in the Pacific Ocean's cyclone belt, it experiences frequent cyclones and with them damaging winds, rain and storm surges.

## **Climate Change vulnerabilities**

Being mountainous in its interior, Fiji's cities and towns are mainly located on the coast and along rivers and as a result are particularly exposed to cyclones, storm surges, coastal and riverine erosion, landslides and already occurring sea level rise. Mangrove deforestation and coral reef extraction to accommodate urban development and for reasons of income generation are increasing the vulnerability of urban areas to coastal hazards, as both mangrove forests and coral reefs provide effective barriers against storm surges and cyclones. Informal settlements residents in towns and cities are particularly at risk. In addition to climate change having an impact on the living environment of many informal settlement communities, it also poses a risk to existing livelihood practices.

# **Project objective**

The overall objective of the project is to increase the resilience of informal urban settlements that are highly vulnerable to climate change and disaster risks. The project aims to work with vulnerable urban communities to conduct vulnerability assessments for the participating settlements and to produce actions plans and strategies for implementing climate adaptation actions within communities. The identified vulnerable communities participating in the project consist of 16 informal settlements across four urban areas: Lautoka, Sigatoka, Nadi and Lami.

Underpinning this project is the focus on capacity strengthening in order to enhance climate resilience of the most vulnerable settlements, with an emphasis on women, girls, youth, people with disability and people in vulnerable situations. Communities will be involved in the planning, implementing and monitoring of activities, maximizing ownership and awareness.



### **SENSITIVITY**



More than 50% of the population is urban, with a 20% living in informal settlements



Inadequate access to: sanitation 18%, water 11%



Economic drivers: Agriculture and tourism Informal economy: 20% but employs 40%

#### **EXPOSURE**



Increase in air and surface temperature



Increase in intensity and frequency of extreme rainfall



Significant projected impacts due to Sea Level Rise of 50cm



Increase in number of extreme hot days and decrease in rainfall during the dry season



Intensification of storms and cyclones



Ocean acidification and coral bleaching

#### **VULNERABILITY**



adaptive capacity of informal communities



Loss of aquatic and agricultural livelihoods due to weather and ecosystem changes



Asset destruction from the most vulnerable, due to events such as



Impacts on health and wellbeing, especially among the most vulnerable (elderly, children, women etc.)

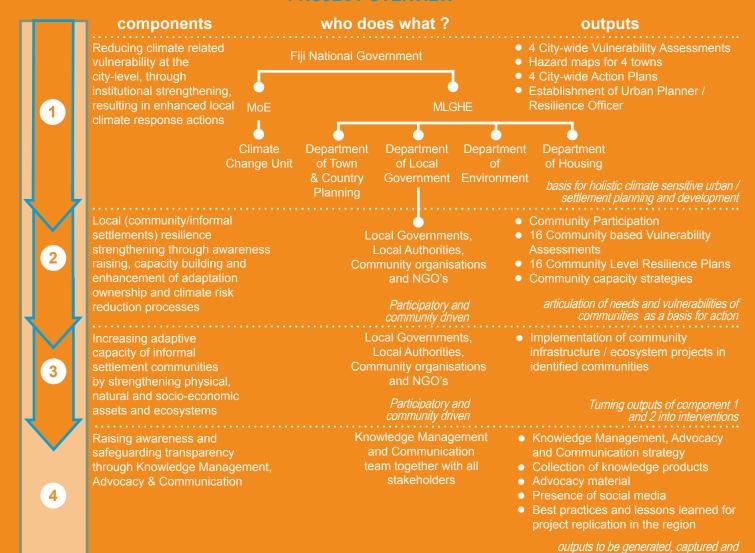








## **PROJECT OVERVIEW**



distributed with other communities, civil society, policy makers/governments, international community