

### Building Resilience in Willemstad, Curação, a UNESCO World Heritage Site

By: Pédzi Flores-Girigori MSc Curação Climate Change Platform







# Challenges in Urban Resilience



ferent groups of people with s and interests could share the rhood without interacting."





# Case study: Ser'i Otrobanda



Building Community Resilience through **Social Entrepreneurship** 

- Kaya Kaya Festival
- Hofi Ser'i Otrobanda



# Social Preneurship: Kaya Kaya Festival



### Economical

To help existing businesses inside and outside the district flourish and empower the community to create new opportunities.



# Climate & Food: Hofi Ser'i Otrobanda

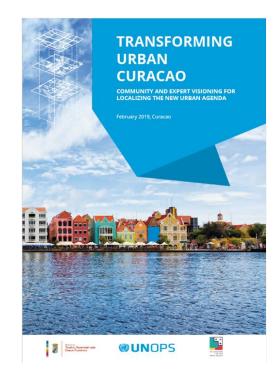








### **Strategy for Resilient Communities**







Deze kaart weerspiegelt de toekomstvisie voor Curapao die opgesteld is door een samenwerking tussen ambtenaren van verschillende ministeries, bewoners van verschillende buurten en vertegenwoordigers van verschillende belangengroepen. Uit de bundeling van deze krachten is voor de toekomst van Curapao het volgende gevisualiseerd.

- Goede verbinding tussen de verschillende gebieden en woonwijken door een goed functionerend openbaar vervoer systeem.
- Alle woonwijken hebben gelijke voorzieningen, zoals doktersposten, scholen, goede woonvoorzieningen en recreatieve parken voor kinderen.
- Het stimuleren van ondernemerschap zowel in Willemstad als in de gebieden buiten Willemstad.
- Het stimuleren van konst en culturele activiteiten.
- Goede balans tussen economische ontwikkelingen en het behoud van de natuur.
- Inclusive samenleving, waarbij de mens centraal staat en iedereen zich thuis voelt ongeacht culturele achtergrond, geslacht, leeftijd, geloof en beperking.
- Zoveel mogelijk gebruik maken van hernieuwbare energiebronnen.



# **Key Take Away...**

Curaçao will be resilient to the impacts of natural hazards and the loss of biodiversity

Increase Resilience

Resilient Communities

Resilient Economy

Resilient Biodiversity

"Limits to adaptation are not fixed, but are properties of dynamic socio-ecological systems. They are shaped not only by the magnitude of the climate hazards and the exposure to vulnerability to those hazards, but also by physical, infrastructural and social tolerance..."

~IPCC



# Extra information

# **Strategy for Willemstad**

Transformational projects to kickstart the urban transformation of Curação

#### **Enhanced Culture**

Build on diverse identities within the inner city

# Stimulate local economy

Restore Punda as the beating heart of the Inner city

### Connectivity, Sustainability & Resilience

- Facilitate access to the Inner city and enhance the shades and scenery along its paths
- Improve public transport system
- Make coastline protective and accessible

# Increase housing opportunities

- Improve living conditions in Scharloo
- Revitalize Otrobanda

### **Strategy:**

Attract more people in the Inner city and prevent urban sprawl



# Key Messages to Transform Urban Curação

#### **Urban Centres**



### Improve accessibility

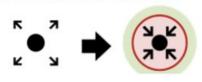


Greening the City

### Innovative forms of housing



### Red and Green contours



### Climate resilience & sustainability



### communal spaces



#### **Urban Platform**



### Hierarchy of nodes





# Connection to Sustainable Development Goals





# Understanding the Bigger picture: Proposed Integrated Strategic Development Plan

Strategic Development Plan (Structuurvisie) consists of:

- Urban Core (purple)
- Suburban City-Region (yellow)
- Rural towns (green)
- Hierarchy of nodes connecting the urban, suburban and rural

#### Next steps:

Develop a strategic overlay over the island development plan (EOP) to be able to guide developments in the different zones according to their own needs and plans but also according to the overall function of those zones in the total Curacao space.

The strategic overlay could function as a **longer term**, **flexible guidance** for refining and detailing the development projects in the different EOP land-use zones. At the same time, it will **reinforce the cohesion of the island's places**, spaces and flows.

