



Resilient Urban Development  
Saint Vincent and the Grenadines

# Building Regulation for Resilience

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Technical Workshop for Arnos Vale and Kingstown

March 20 – 21, 2019 | NIS Building | Kingstown, SVG

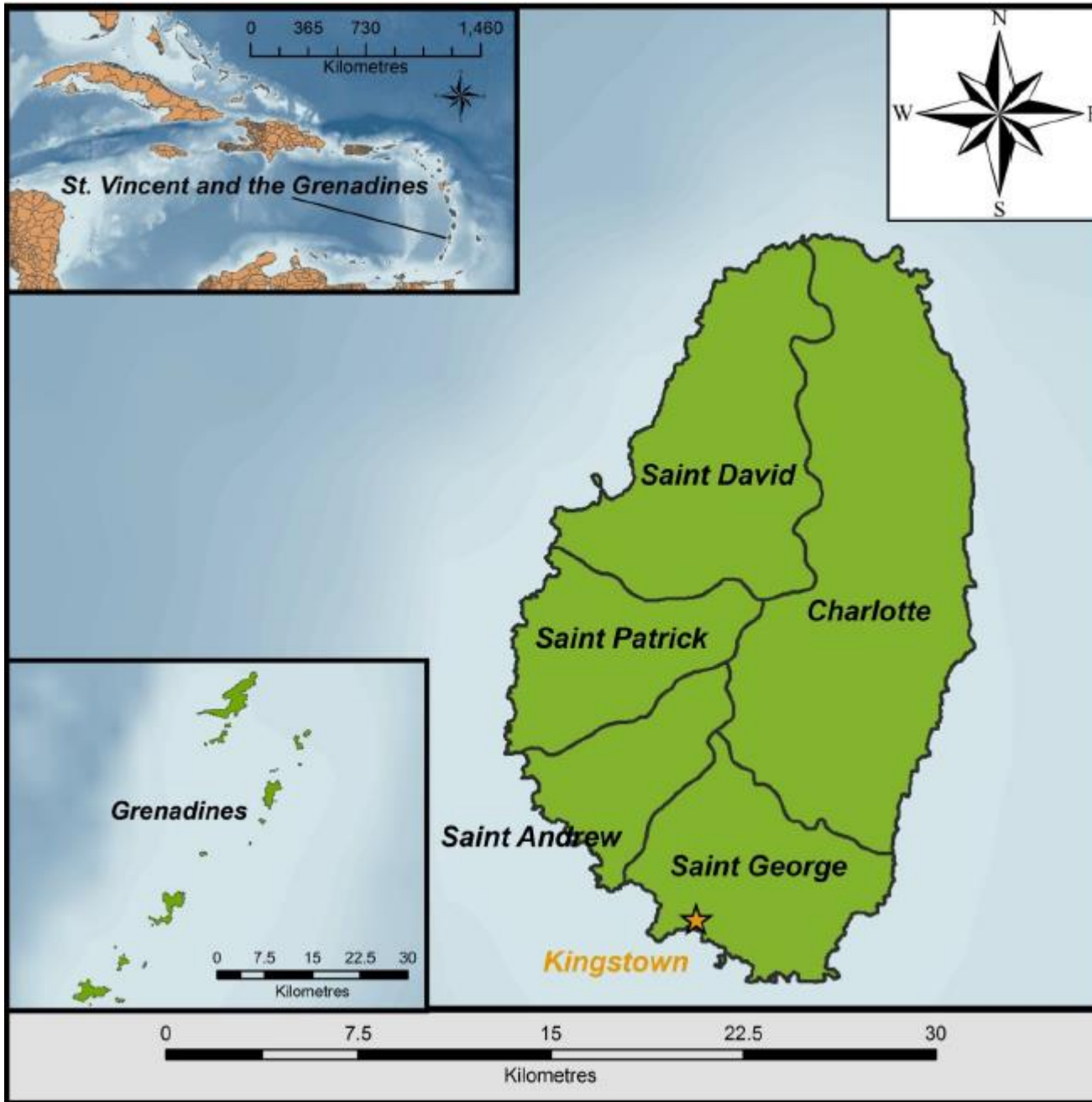
# Building Regulation for Resilience



Promoting Urban Resilience in Saint  
Vincent and the Grenadines

An aerial photograph showing a town in Dominica that has been almost completely destroyed. The landscape is a dense field of rubble, with only a few skeletal remains of buildings and a few partially standing structures visible. The colors are muted, with a lot of grey, brown, and blue tones. The word "Dominica" is overlaid in the center in a dark blue font.

# Dominica



# St. Vincent & the Grenadines: Hazard Risks

# Key Vulnerability Factors

Building on hazardous sites

Construction quality

# Underlying Drivers

Lack of affordable housing

Lack of awareness and training

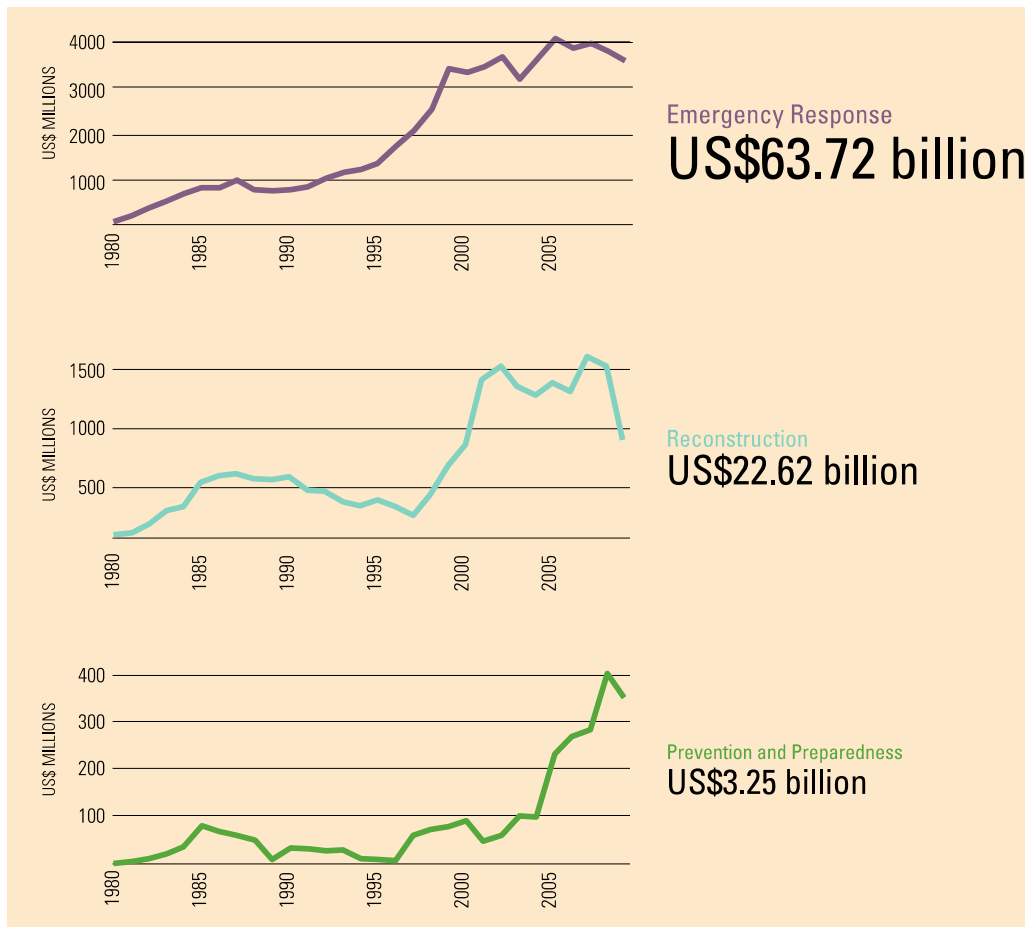
Governance



# Anticipatory Cost vs. Recovery Cost

## Disaster Related International Financing

(Source GFDRR)



How do you get maximum resilience for minimum cost?

- Proactive disaster risk management and disaster risk reduction
- Invest in preventive measures that help to reduce exposure to the built environment and bolsters resilience and the capacity of people to bounce back

# BRR: The Building Regulation for Resilience Program

# Building Regulatory Framework

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LEGISLATIVE  
FRAMEWORK

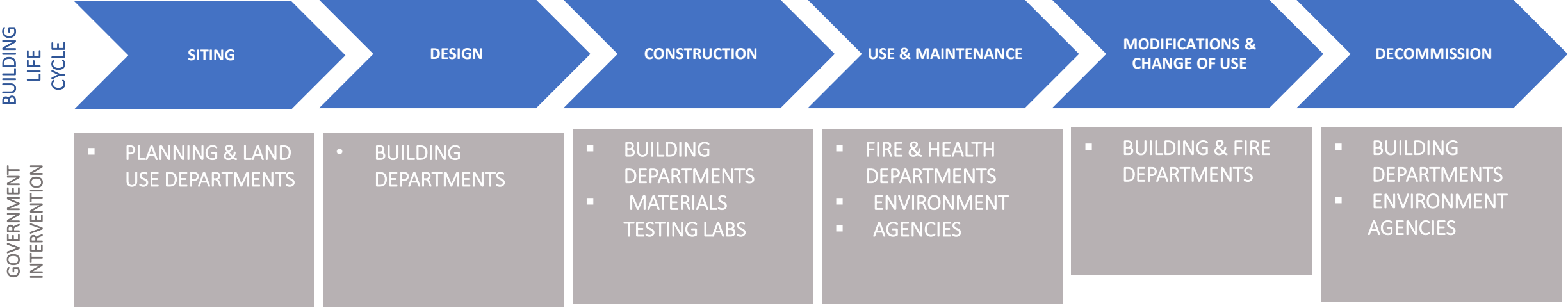
BUILDING AND LAND  
USE REGULATION

LOCAL  
IMPLEMENTATION  
AND COMPLIANCE



# Building Life Cycle

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# OUR PRODUCTS

BUILDING REGULATION FOR  
RESILIENCE

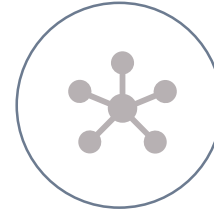
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**Building Regulatory  
Capacity  
Assessments**



**Training Needs  
Assessment  
for Building  
Authorities**



**Informal Building  
Sector  
Analysis**



**Permitting  
Administration  
Software**

# WHERE WE WORK





HELPING THE BUREAU  
OF STANDARDS  
DEVELOP A NEW  
BUILDING CODE



CONDUCTED A  
BUILDING AUTHORITY  
TRAINING NEEDS  
ASSESSMENT



SUPPORTING THE  
PASSAGE OF THE  
BUILDING ACT



SUPPORT TO DEVELOP  
A BUILDING CODE  
TRAINING  
CONSORTIUM



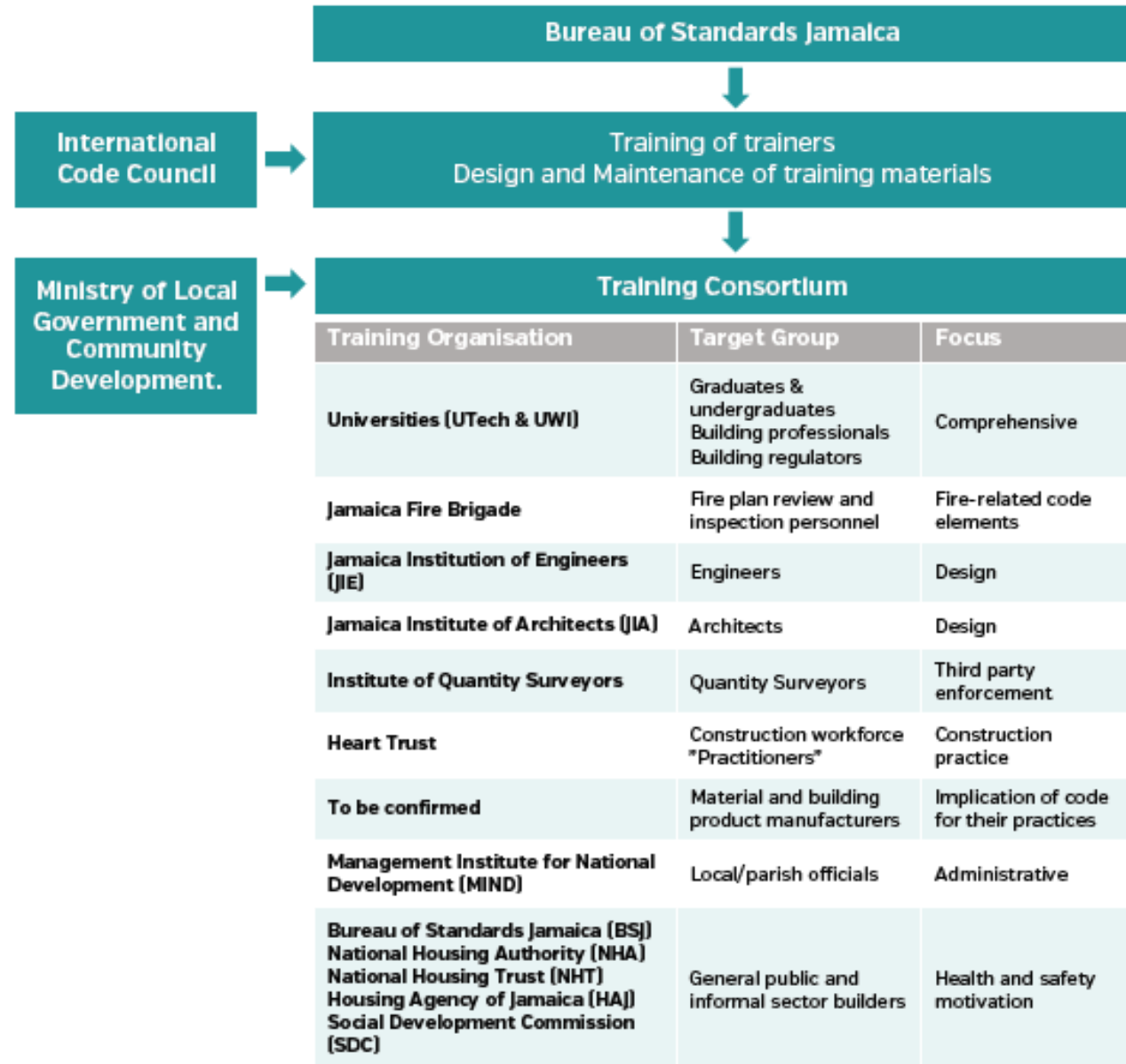
WORKING WITH  
INFORMAL  
BUILDERS

# CASE STUDY: JAMAICA

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# Case Study: Jamaica

## Building Code Training Consortium



Before the reform:



Development Control Unit in the Nairobi City Council  
- Before Automation in 2010



Manual processing



Long process (6 months)



Unpredictable outcomes



“Facilitation fees”

After the reform:



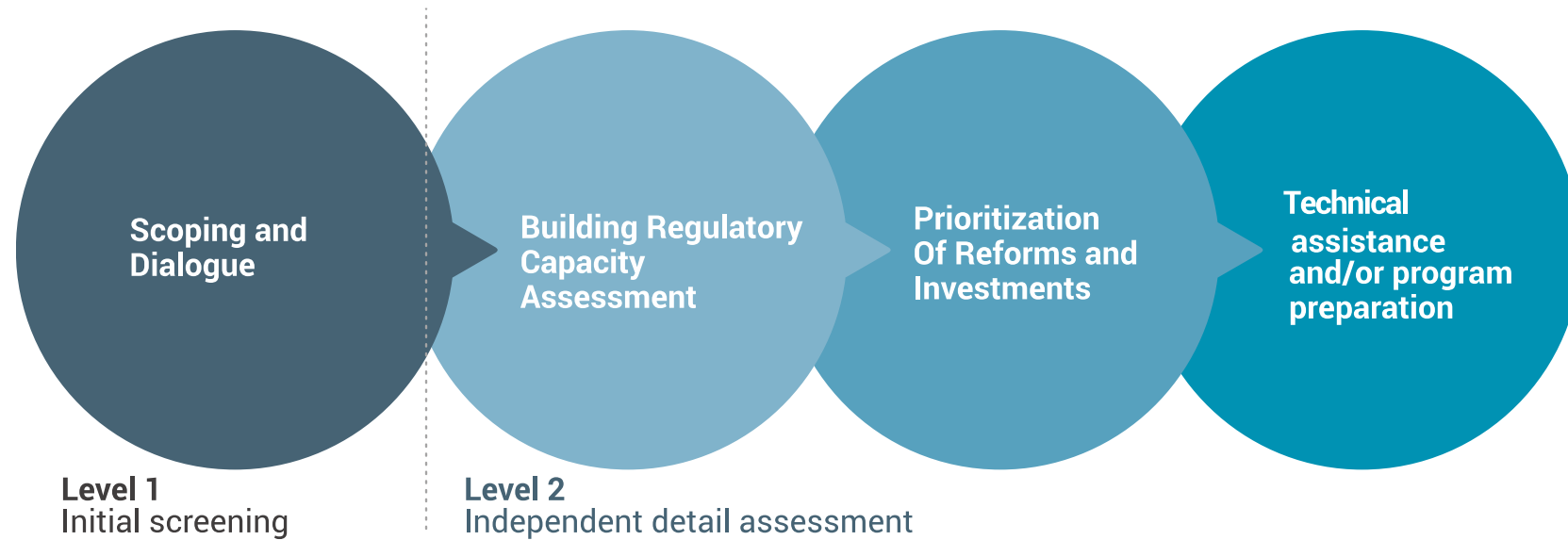
Development Control Unit after automation is implemented

- Approval times dropped from 6 months to 30 days for provisional CP
- Private expeditors had to find other sources of income
- New information systems enhanced transparency and predictability
- New system allowed the Council to keep pace with raising application volumes

# ENGAGEMENT PROCESS

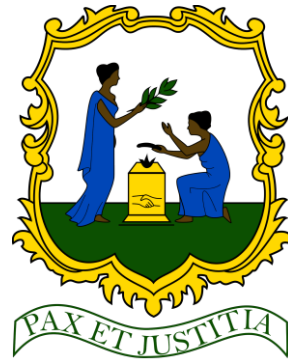
BUILDING REGULATION FOR  
RESILIENCE

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# Thank you!



**GFDRR**  
Global Facility for Disaster Reduction and Recovery

**ACP-EU Natural Disaster Risk Reduction Program**

*An initiative of the African, Caribbean and Pacific Group, funded by the European Union and managed by GFDRR*



**WORLD BANK GROUP**  
Social, Urban, Rural & Resilience

# Questions for Discussion:

- What do you consider to be the main risks to the built environment in Arnos Vale and St. Vincent?
- What's your experience of physical and economic damages and losses in the built environment?
- In terms of building regulation, what is working well in SVG and what could be improved? How do you think strengthening compliance with building regulation could benefit SVG, especially in Arnos Vale?