

Day 02: 8<sup>th</sup> May 2024session 3



# Building Climate Resilience from the Ground Up at National Level

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# Resilient Communities, Businesses, eco- systems

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- **Resilience:** *“Ability to survive and thrive in the face of multiple risks, uncertainty and threats posed by climate change.” UNFCCC*



# Sri Lankans are resilient...

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- 20-year civil war
- Tsunami
- Invasions and colonial rule
- Natural disasters
- Economic crisis



*Photo by Shahidul Alam*

# Adaptation is important for Business

## Factory caught in flood

Property damage

Lost productivity

Loss of  
business/reputation

Impact on workers

Lost income/profit

Increased premiums

Increased regulation



# Climate resilient business



- **Awareness & Knowledge**
- **Foresight – climate impact assessment**
- **Appropriate location**
- **Host community consent**
- **Equity and benefit sharing**
- **Invest in climate protection**
- **Contextualize mitigation**
- **Contingency financial resources**

# Example: 2021-2030 NDC Implementation Plan

*Table 4-7 NDCs of Coastal and Marine Sector*

NDC #	NDC
1	Establish an accurate sea level rise forecasting system for Sri Lanka
2	Prepare updated vulnerability and risk maps for the coastal belt of Sri Lanka
3	Adopt optimal shoreline management works/measures covering affected length of shoreline using a combination of hard and soft solutions to prevent coastal erosion in the areas most vulnerable to SLR
4	Identify and declare coastal and marine natural areas of high priority for building resilience for climate change impacts

# Coastal vulnerability and risk maps

NDC 2 - Prepare updated vulnerability and risk maps for the coastal belt of Sri Lanka			
Activities / Sub Activities	Implementation Responsibility		Key Performance Indicator (KPI)
	Lead Agency	Other Key Agencies	
2.2.1. Identify locations where vulnerable communities are present and take action to reduce them	DS	NARA, SD, DMC, UDA, ID, NPPD, CC&CRMD, Academia	1. Number of locations by GN divisions 2. % of relocations of families who are vulnerable
2.2.2. Prevent the establishment of new settlements in vulnerable areas	NPPD	LAs, UDA, NARA, SD, DMC, DS, CC&CRMD	1. Regulation to prevent new settlements 2. Number of interventions conducted to prevent new settlements
2.3. Prepare sea level rise influenced risk maps for the coastal zone with 0.5m contour intervals and take appropriate actions	DMC	SD, NARA, UDA, ID, DS, CC& CRMD, Academia	% area covered by risk maps

# Questions: Community Participation....

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- ....risk mapping?
- ...relocation of families?
- ...drafting regulations?
- ...in preventive measures?





**“...the draft NDC implementation plans were prepared in consultation with relevant stakeholders.”**

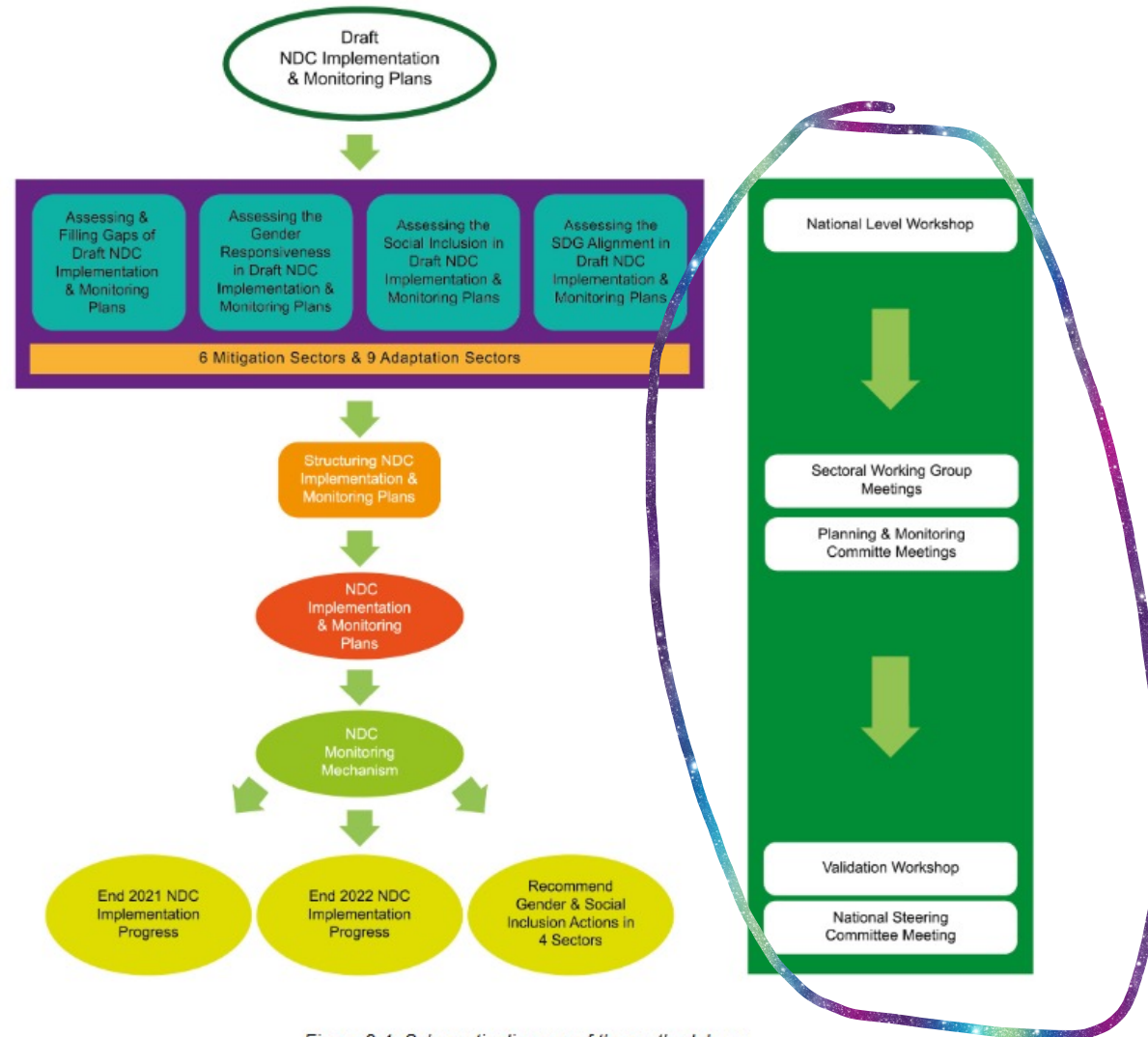


Figure 2-1: Schematic diagram of the methodology

National Level Workshop



Sectoral Working Group Meetings

Planning & Monitoring Committee Meetings



Validation Workshop

National Steering Committee Meeting

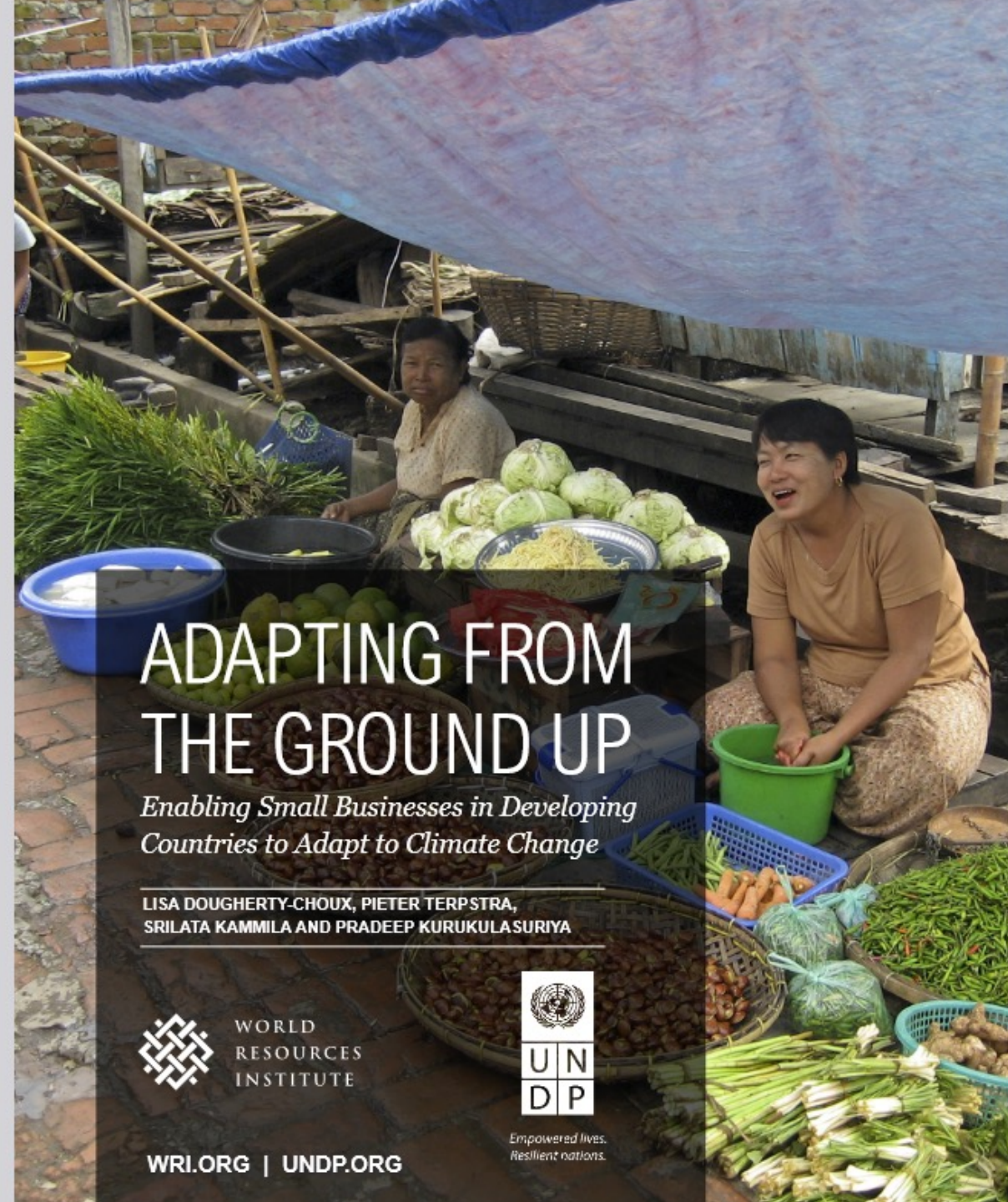
**Local community participation?**

# Adaptation: – act Locally

- **National Policy needed**
- **Adaptation responses are mostly local**
- **Connecting National – Local**
- **Empowering local communities**
- **Awareness raising**
- **Convening/consulting**
- **Assessing resilience**
- **Enabling adaptive action**



- A resource for government and business and Civil society



# ADAPTING FROM THE GROUND UP

*Enabling Small Businesses in Developing Countries to Adapt to Climate Change*

LISA DOUGHERTY-CHOUX, PIETER TERPSTRA,  
SRILATA KAMMILA AND PRADEEP KURUKULASURIYA



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