



Mainstreaming CC & DRM & EBM

A Practical Manual

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Outline



- Introduction:
 - Countries mainstreaming
 - King-guidelines on mainstreaming into national development planning & training manual
 - Mainstreaming guidelines: A practical manual
- Mainstreaming – Process & Technical Perspective
- Working group discussions: Country experiences in mainstreaming
- Reporting back and concluding remarks

Introduction

What is mainstreaming?

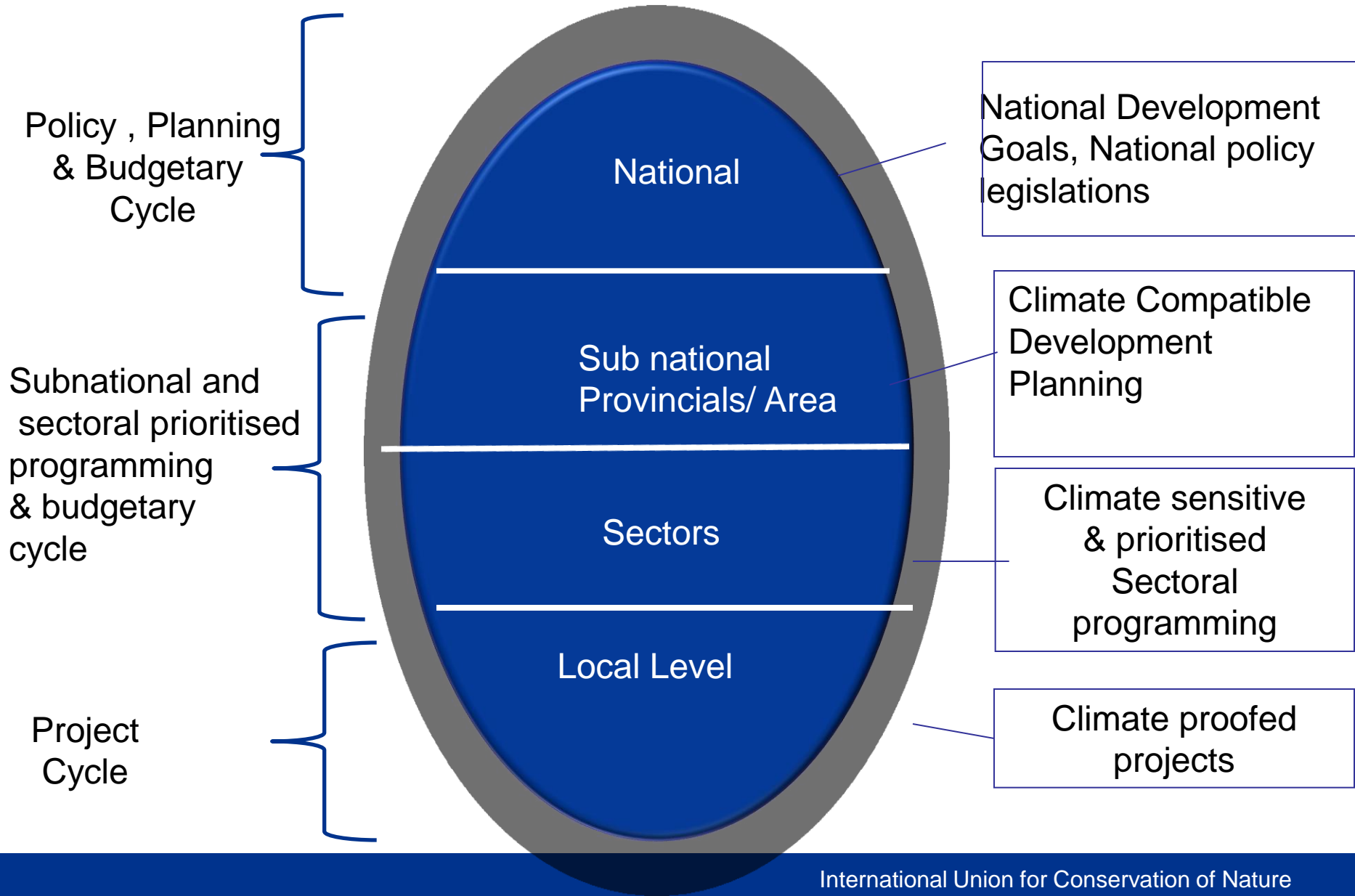
Integrating CC considerations in development – planning, programming & activity; managing climate risks

Terms used:

Mainstreaming

Climate Proofing

Climate risk management



Mainstreaming Process



- Integrations CC considerations into:
 - NSDS, NAP/NAPA, JNAP
 - Water, Agriculture, Road Infrastructure, etc plans
 - Sectoral development strategies & programs
 - Activity/ project design (climate proofing)
- Government enabling environment
 - Project approval process (EIA, SEA)
 - Building codes/ standards, etc
- Budget allocation using climate lens



VISION

NSDS & NDGs – including safety, security & resilience

A

Medium Term Development Plan

A

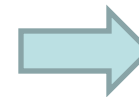
NAP/ NAPA/ JNAP

B

Sector Plan & Program



Sector Plan & Program



Area/ Community Plan & Program

C

Private Sector Project

Government Project

Interna

Community Based Project

of Nature

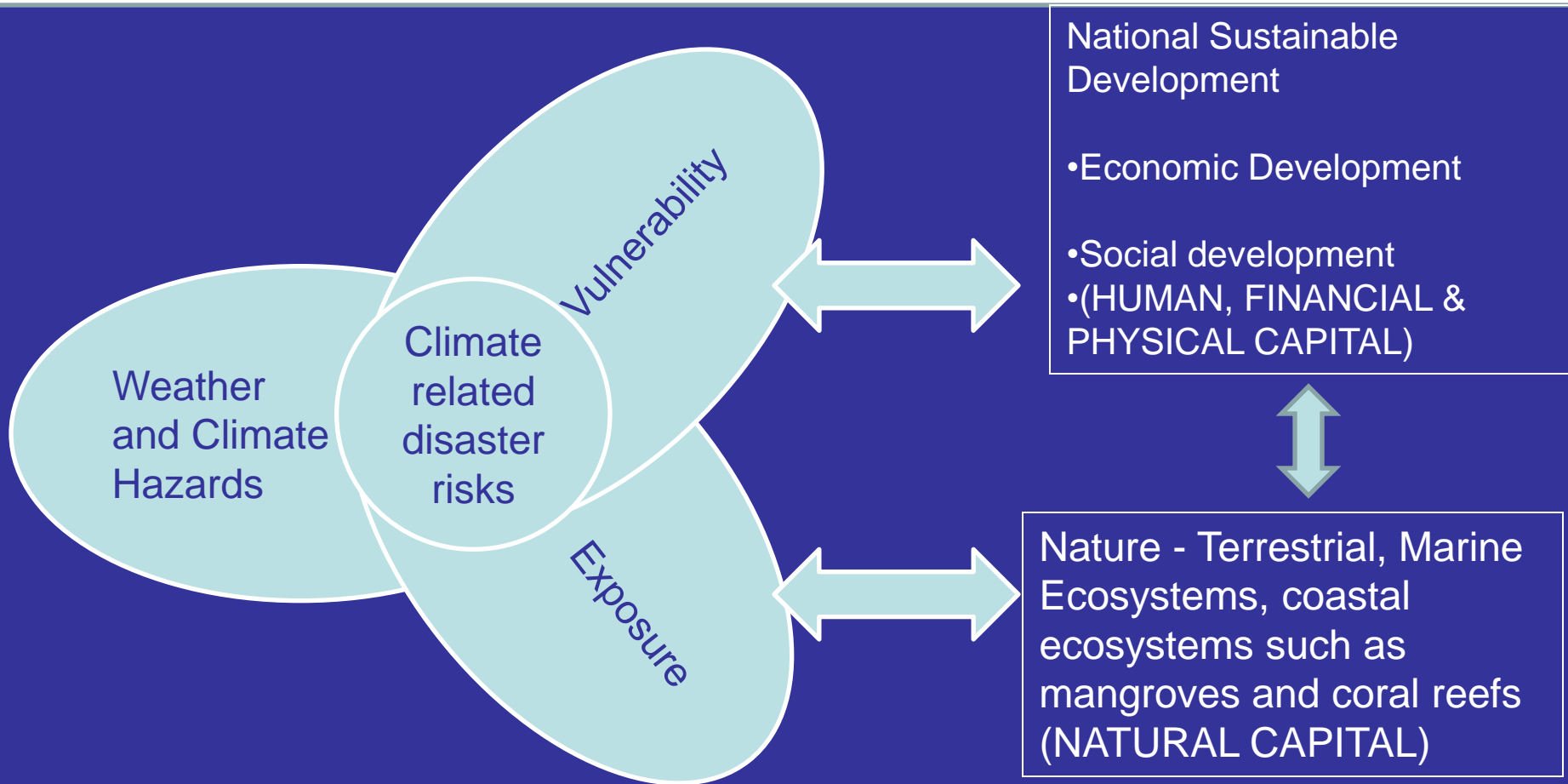
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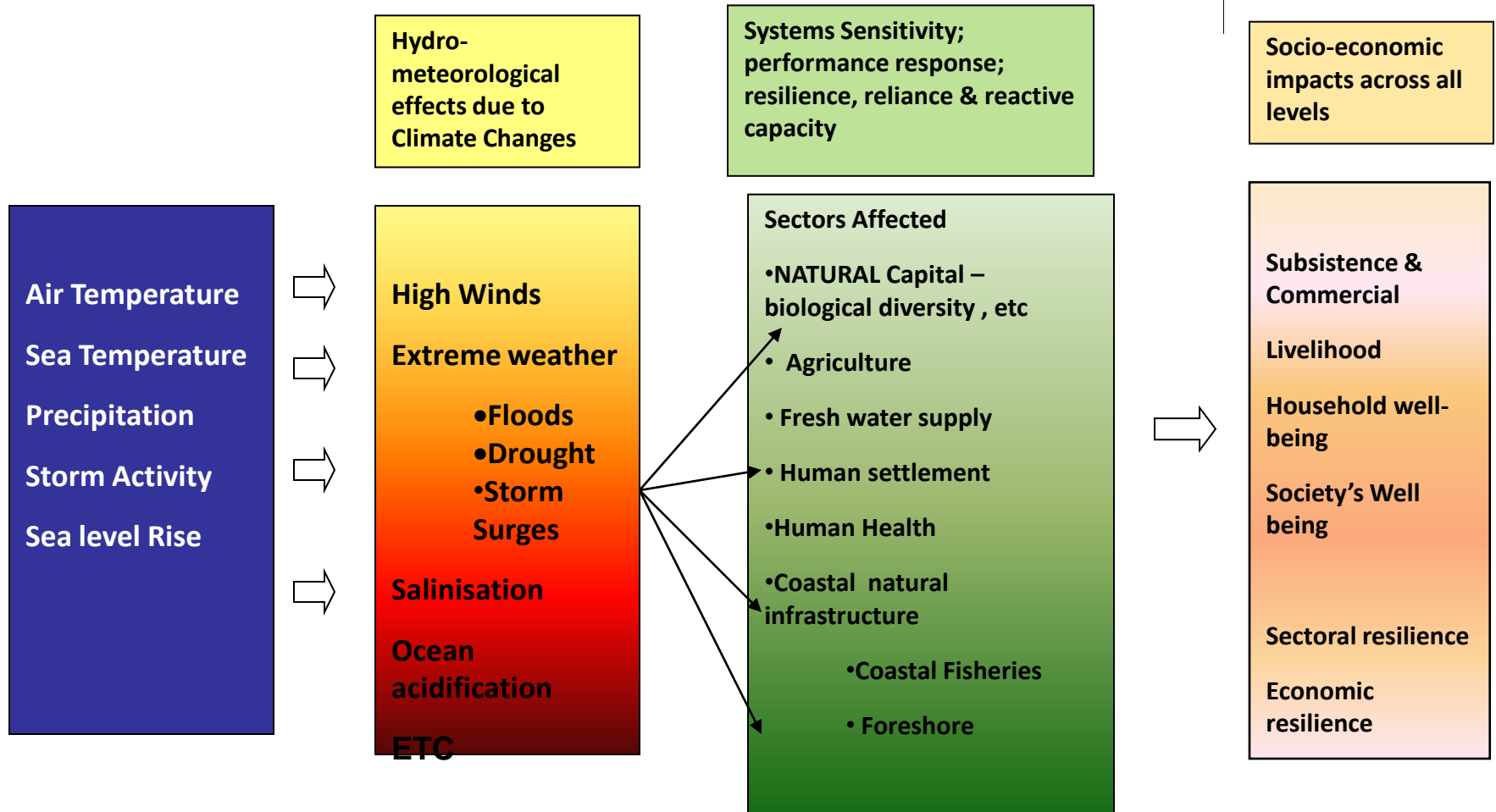
Mainstreaming from a technical perspective

Climate risk management

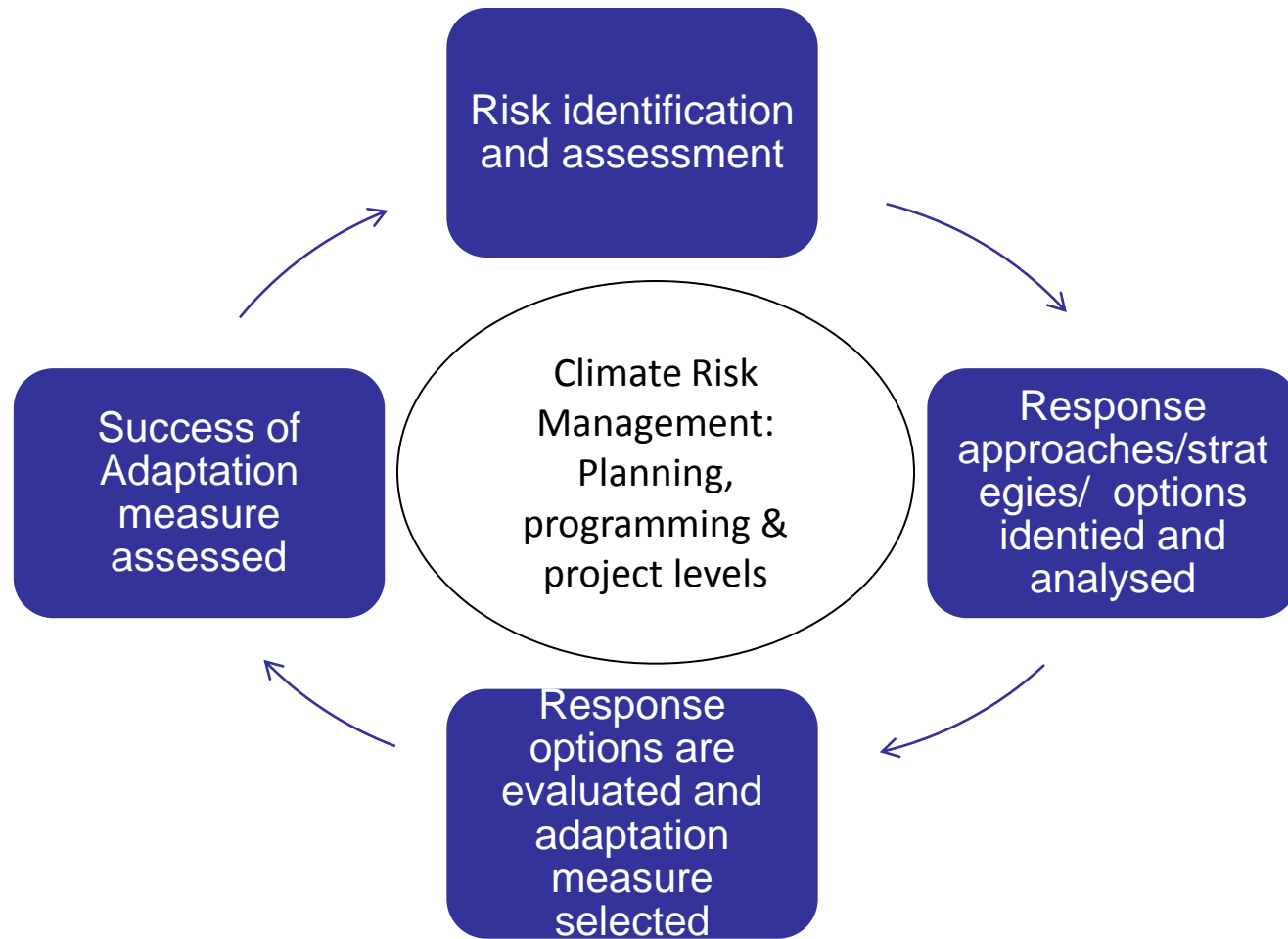
National Sustainable Development, CC & other disaster risks & adaptation



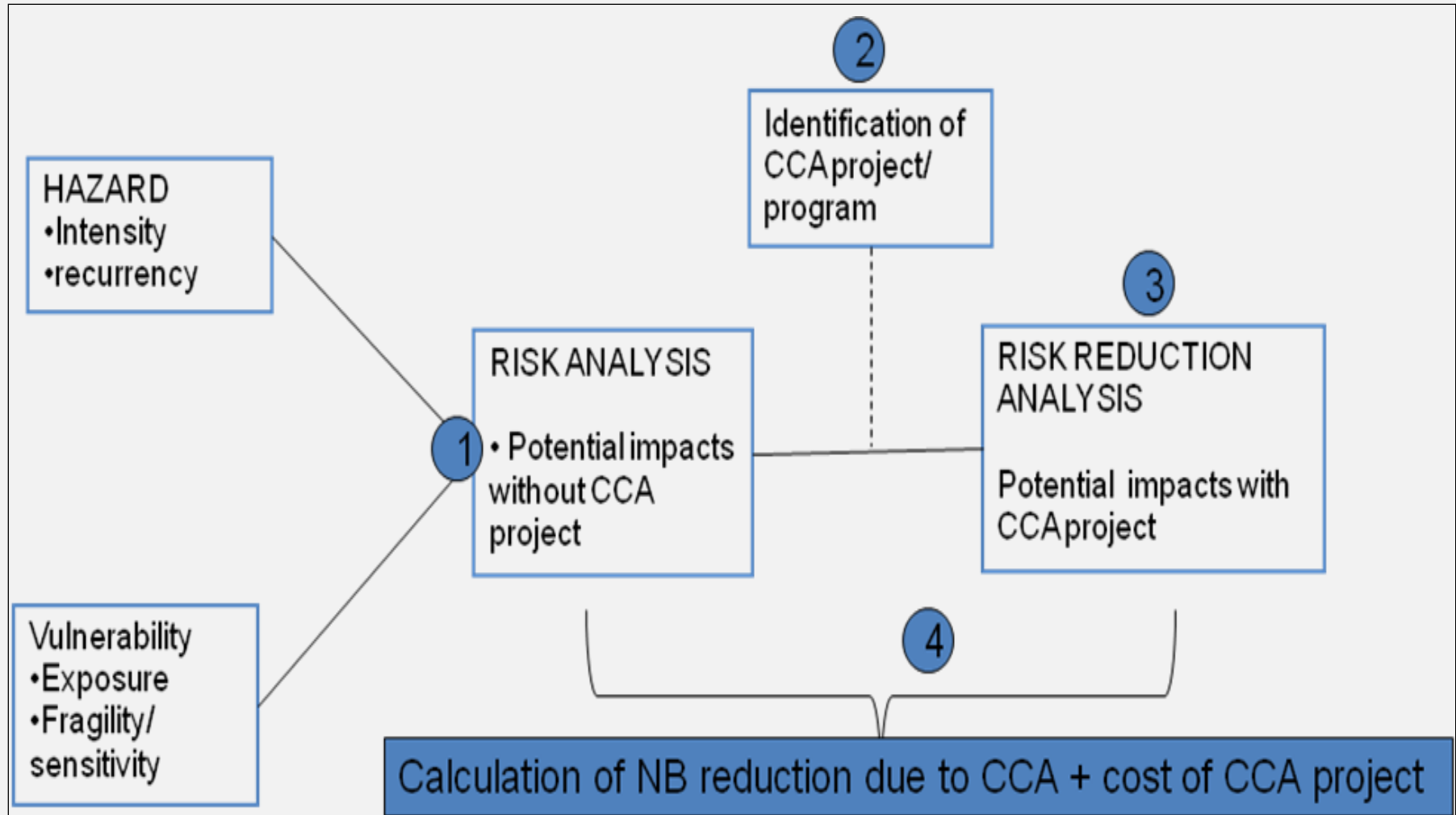
Disasters, climate change & flow on effects on environment



Technical aspect of mainstreaming: Climate risk management



Mainstreaming climate risks: Considering CC variables, hazards, vulnerability, risk assessment and CCA identification



Integrating principles

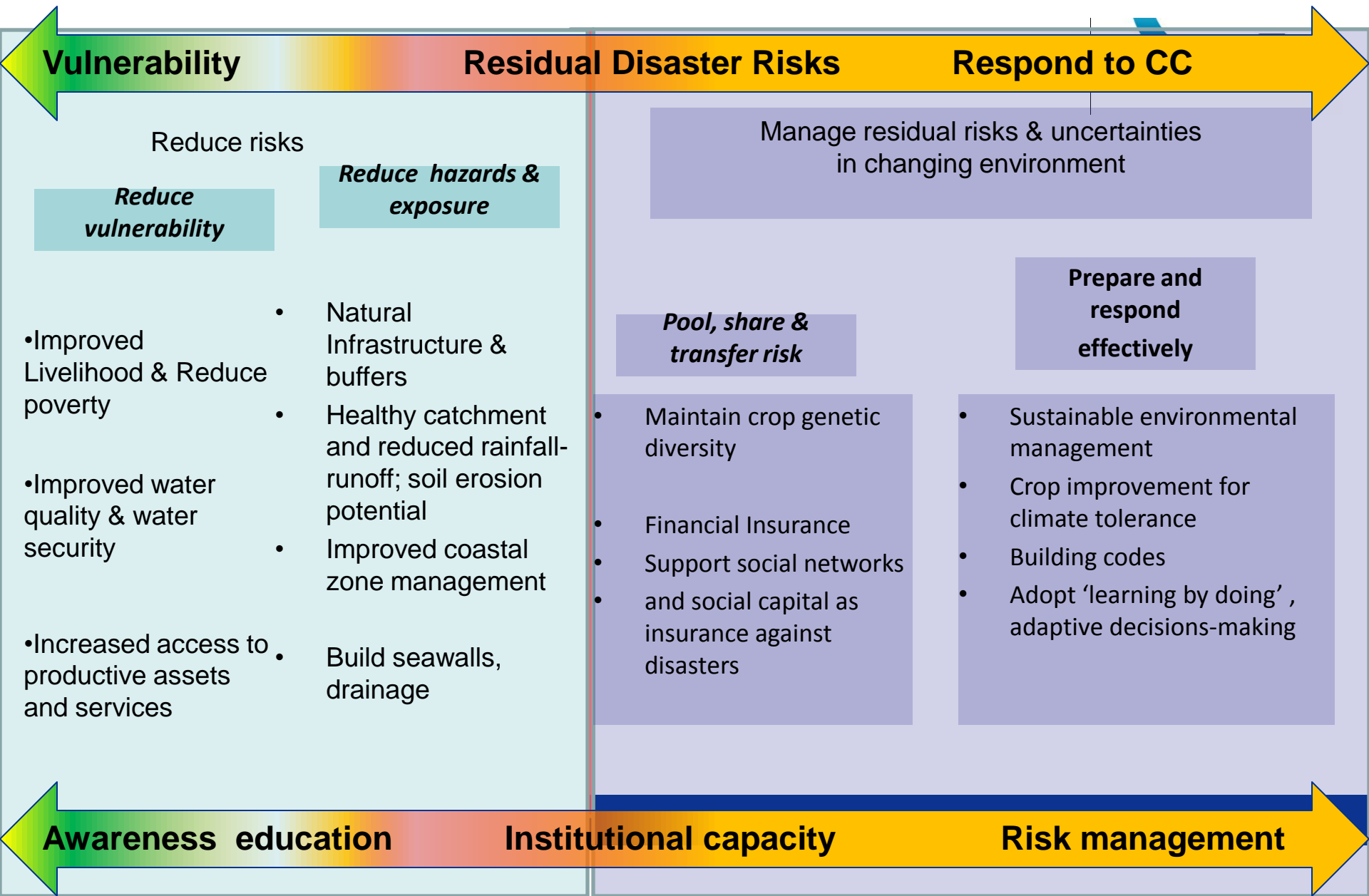


- Sustainable development – economic, social & environmental goals *NDG, MDGs*
- Natural Resource Management - *EBM*
- Disaster risk management (*DRR&DM*)
- Climate change adaptation & mitigation (*CCA & mitigation*)
- Climate compatible development

Technical aspects of mainstreaming

- Climate science
- Hazard assessment
- Vulnerability assessment
- Risk assessment, including economic costs of 'do nothing'
- Risk management options & risks analysis
- Selection of suitable measures/ options
- Governance/ decision support & institutions (EIA, project approval process, M&E)

Climate Risk Management Measures



Mainstreaming Process: How To...

- NSDS goal and policies
- NSDS linked NAP, NAPAs, JNAP
- NSDS/ JNAP linked Sector Plan, highlighting strategies & programs
- Climate proofing of projects
- Design of enabling environment
- Community Awareness & education

Technical content of Mainstreaming...

At different levels:

- Understand CC scenarios
- Identify risks and vulnerability, & their drivers
- Identify adaptation measures (policies, strategies, programs, projects, instruments...)
- Analyse adaptation options and select suitable measure
- Evaluation of 'success'

Sector/ Area Level Planning and Programming

Sectoral Policy & Programming Cycle					
	Risks & Response Identification	Response Appraisal	Response Design	Strategy identification & Programs	Policy, Plan (& Program) Monitoring and Evaluation

Technical steps	Identify current and future CC scenarios impact of CC; -	Identify current and future vulnerability	Identify Broad Adaptation & DRM Response Measures & Strategies Key enabling environments (legislation, instruments)	Evaluate success of policy (and programs)
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Data and Information tools	Climate Information Hazard assessment	Assessment of drivers of Vulnerability - Geospatial Population, poverty, food and water security, environmental health	Identification of CCA measures; BCA; & other selection criteria Selection of CCA measures	Assessment of performance against indicators
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Working Groups Guiding questions

Country experiences

A. Mainstreaming process

B. Mainstreaming – technical

- Information
- Tools and analytical methods

C. Institutional coordination

- Agencies and stakeholders
- Other projects

D. Mainstreaming Challenges and way forward for *Manual*



Breakout groups

30 minutes



A Practical Manual

Integrated knowledge based
mainstreaming

Manual



- Target Group: in-country practitioners of mainstreaming climate and other risk considerations :
 - at strategic levels (national, sectoral, area/ community)
 - project development, approval and implementation phases of economic and social development, environment management, disaster risk reduction and climate change adaptation
- Recognising the diversity in governance mechanisms in the region and the state of climate change related institutional arrangements in the region, as well as the presence of development partners and NGOs supporting mainstreaming of climate change in country.

PIC Guidelines

Actors



- Develop ***Climate Change & Disaster Risks Mainstreaming at National and Project levels : A practical manual***
 - Build on existing government mechanisms
 - Draw on existing guidelines and tools
 - Draw on PACC country experiences
 - Include Pacific examples