

# Framing the stocktake: Approaches and options

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Global Stock-take Technical Dialogue 1

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# The analogy of a journey

- Where do we need to be?
  - Goals and destination - what are we adapting to? (climate scenarios) and how will we know if we are adapted (GGA)?
- Where are we?
  - How do we figure out where we are?
  - Waypoints along the route (process outcomes)
- What do we need to get where we need to be?
  - Commitments and actions
  - Means of implementation
- What do we need to do now?
  - Are we on the right track, do we need to speed up (effectiveness & adequacy)?

# There is a rapidly narrowing window of opportunity to enable climate resilient development

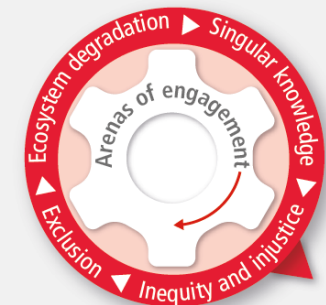
(a) Societal choices about adaptation, mitigation and sustainable development made in arenas of engagement

Dimensions that enable actions towards higher climate resilient development



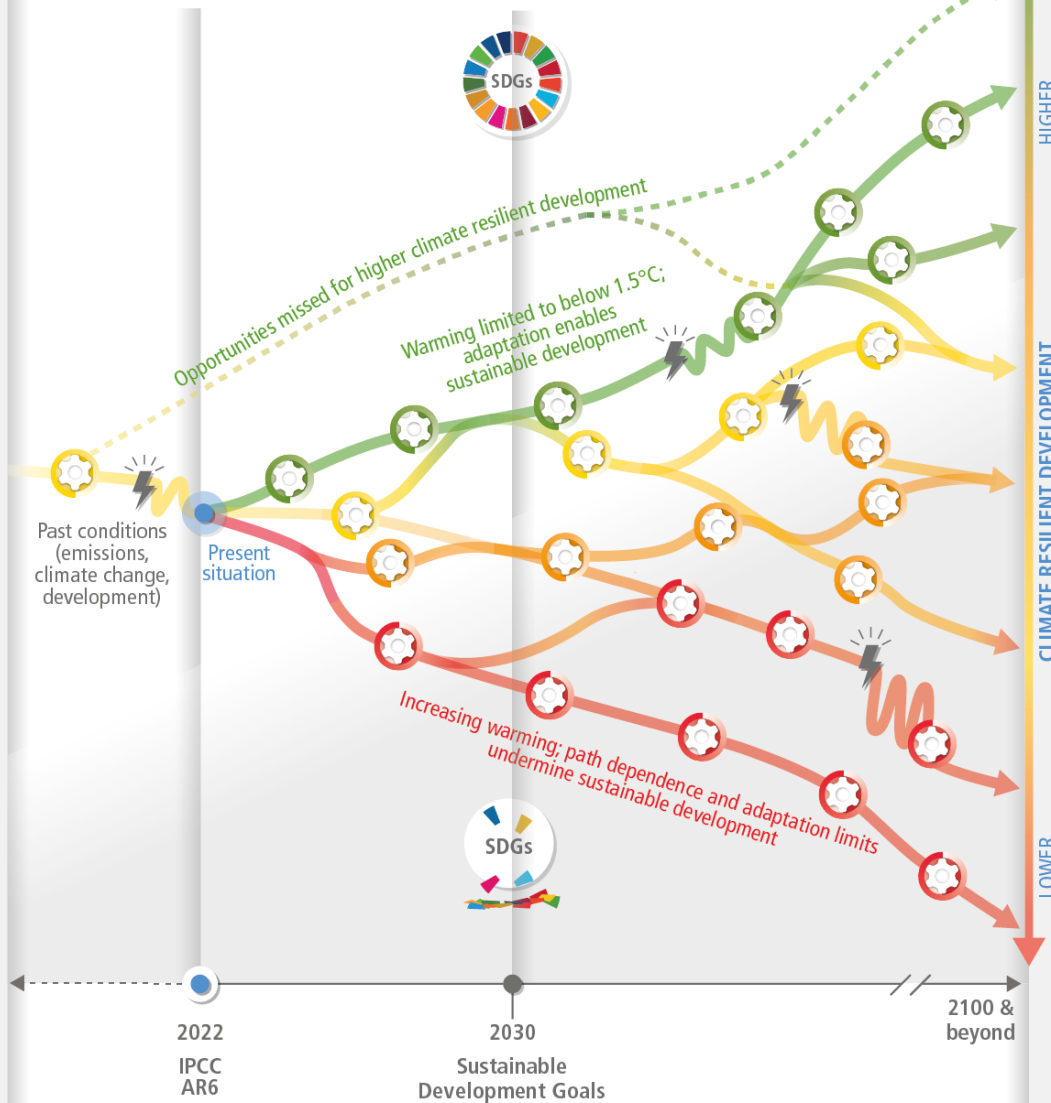
Arenas of engagement:

- Community
- Socio-cultural
- Political
- Ecological
- Knowledge + technology
- Economic + financial

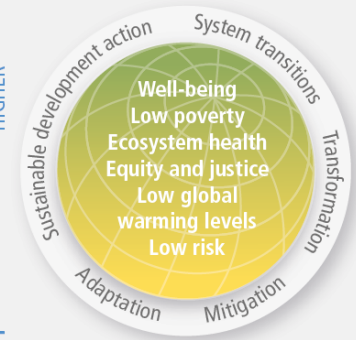


Dimensions that result in actions towards lower climate resilient development

(b) Illustrative development pathways



(c) Actions and outcomes characterizing development pathways



⚡ Illustrative climatic or non-climatic shock, e.g. COVID-19, drought or floods, that disrupts the development pathway

▭ Narrowing window of opportunity for higher CRD

# Aspects of the stock-take



- **Assessing progress**
- Informing action
- Learning



- Needs
- Inputs
- Actions
- Outputs
- Outcomes



- Varied actors and actions
- Balancing contextual richness and aggregation

# Measuring needs

- Climate impacts & hazards
- Risk (not only biophysical but socio-economic; hence scenario-dependent)
- Costs (market, non-market)
- Benefits (triple dividends – avoided loss, economic benefits, social & environmental benefits)
- Loss & damage

# Measuring inputs

- Commitments
  - Example – taking stock of NDCs through qualitative content analysis
- Means of implementation
  - Tracking finance – mobilization, access and delivery
- Enabling activities

# Analysis of content of NDCs

## Four high-level categories

**CONTEXT**

**GOALS**

**IMPLEMENTATION  
ATTRIBUTES**

**ACTIONS**

# CONTEXT

KEY NEEDS

KEY  
VULNERABILITIES

POLICY  
CONSIDERATIONS

STAKEHOLDER  
ENGAGEMENT  
(NDC  
development)

ADAPTATION  
- SPECIFIC

BROADER  
CLIMATE AND  
DEVELOPMENT



# GOALS

**GOALS**

**BROAD TARGETS**

**SPECIFIC TARGETS**

**SECTOR  
IDENTIFICATION**

# IMPLEMENTATION ATTRIBUTES

## TRANSPARENCY

M & E

Transparency

Accountability

## MEANS OF IMPLEMENTATION

Technology transfer

Capacity building

Secured financing

Future financing needs

## IMPLEMENTATION PROCESS

Gender

Inclusion

Stakeholder engagement

NAP linkage

## INTEGRATION

Intersectoral coordination

Co-integration of mitigation and adaptation

Mainstreaming

UN SDG linkage

# ACTIONS (IPCC AR5)

## STRUCTURAL AND PHYSICAL

Engineered and built environment

Technological

Ecosystem-based

Services

## SOCIAL

Educational

Informational

Behavioral

## INSTITUTIONAL

Economic

Laws and regulations

Government policies and programs

## SECTORAL

List of sectors

# Application - Chad

Chad: Complete baseline typology for NDC adaptation components

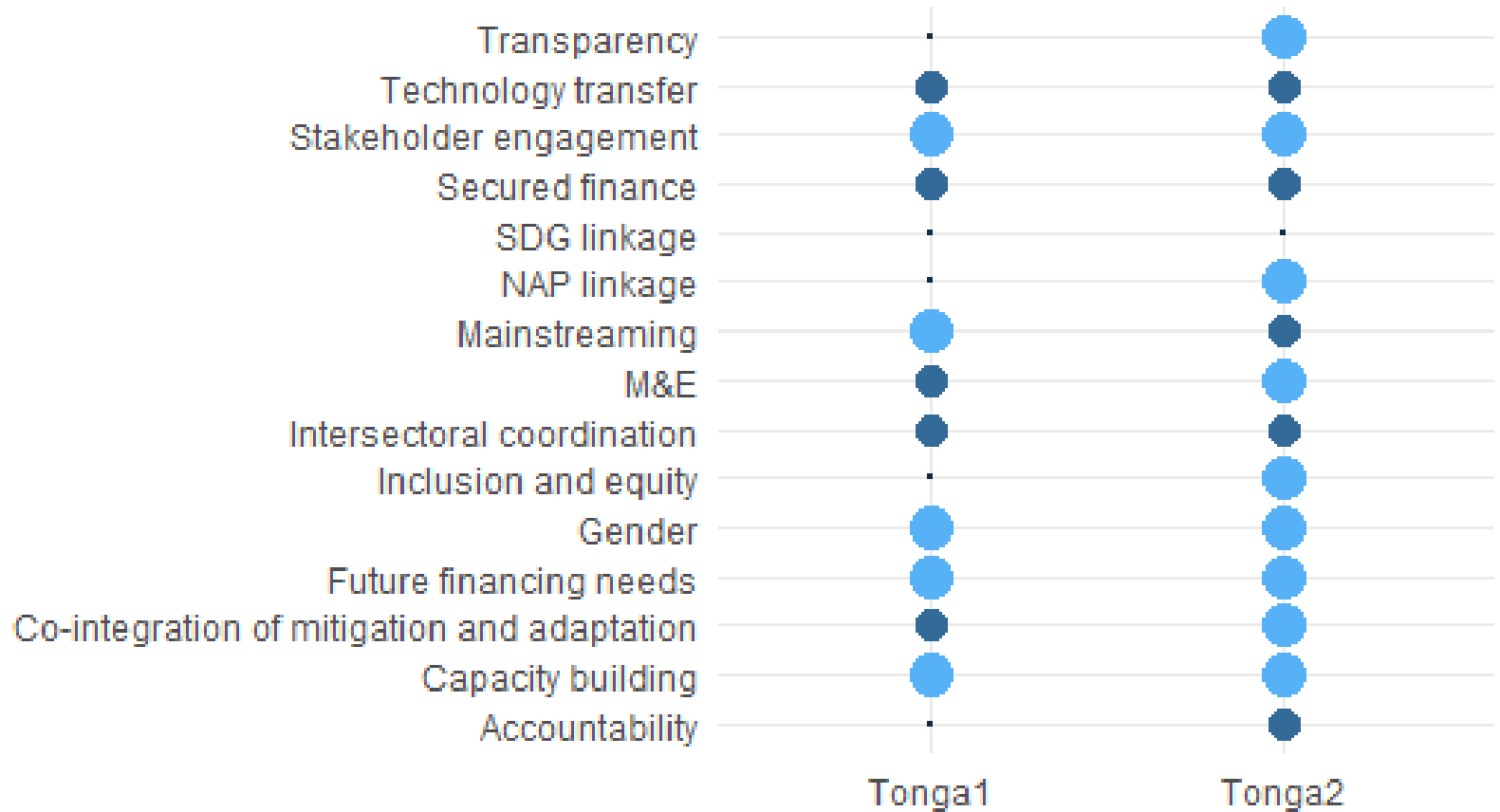
Context	Goals	Implementation Attributes	Actions	Timeline
<ul style="list-style-type: none"> <li>• <b>Key vulnerabilities</b> <ul style="list-style-type: none"> <li>• <b>Particularly vulnerable</b></li> </ul> </li> <li>• <b>Key needs</b></li> <li>• <b>Policy considerations</b> <ul style="list-style-type: none"> <li>• <b>Adaptation-specific</b></li> <li>• <b>Broader climate and development</b></li> </ul> </li> <li>• Stakeholder engagement – process</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Goals</b></li> <li>• <b>Targets (broad)</b></li> <li>• <b>Targets (specific)</b></li> <li>• <b>Sector Identification</b></li> </ul>	<ul style="list-style-type: none"> <li>• <b>Accountability</b></li> <li>• <b>Capacity Building</b></li> <li>• <b>Co-integration of Mitigation and Adaptation</b></li> <li>• <b>Future Financing Needs</b></li> <li>• <b>Gender</b></li> <li>• <b>Inclusion and Equity</b></li> <li>• <b>Intersectoral Co-ordination</b></li> <li>• <b>Mainstreaming</b></li> <li>• <b>Monitoring and Evaluation</b></li> <li>• <b>NAP Linkage</b></li> <li>• <b>Secured Financing</b></li> <li>• <b>Stakeholder Engagement-Planned</b></li> <li>• <b>Technology Transfer</b></li> <li>• <b>Transparency</b></li> <li>• <b>UN SDG Linkage</b></li> </ul>	<ul style="list-style-type: none"> <li>• <b>Structural and physical</b> <ul style="list-style-type: none"> <li>• <b>Engineered and built environment</b></li> <li>• <b>Technological</b></li> <li>• <b>Ecosystem-based Services</b></li> </ul> </li> <li>• <b>Social</b> <ul style="list-style-type: none"> <li>• <b>Educational</b></li> <li>• <b>Informational</b></li> <li>• <b>Behavioral</b></li> </ul> </li> <li>• <b>Institutional</b> <ul style="list-style-type: none"> <li>• <b>Economic</b></li> <li>• <b>Laws and regulations</b></li> <li>• <b>Government policies and programs</b></li> </ul> </li> <li>• <b>Sectoral</b></li> </ul>	<ul style="list-style-type: none"> <li>• <b>Yes</b></li> </ul>

Legend:

**Bold:** Element is mentioned (in detail or in brief)

Plain: Element is absent

# Example of Tonga's 2015 – 2020 evolution



# Measuring outputs and outcomes

Process outcomes as well as final outcomes

- Are we doing the right things?
- Process outcomes may be particularly relevant in the context of the global stock-take

Final outcomes – important that measures tell us about the **impact on the well-being of those at risk** from climate change

- Nature of impact (economic, psychosocial)
- **Extent of impact**
- Depth of impact

# Closing thoughts related to measurement

- Measuring adaptation is inherently complex and approaches need to reflect and accommodate that **complexity**
- Prudent to **consider a range of metrics** that could be assessed over a period of time
- Suggest including a **learning approach** to improve adaptation metrics over time
- Need to balance retaining contextual richness with aggregation
- **Co-producing** adaptation metrics with stakeholders, practitioners and knowledge holders leads to **greater legitimacy**

**Thank you**