



Four-step approach (4) Develop a M&E framework



On behalf of
Federal Ministry
for Economic Cooperation
and Development





Imprint

As a federally owned enterprise, GIZ supports the German Government in achieving its objectives in the field of international cooperation for sustainable development.

Published by

Deutsche Gesellschaft für
Internationale Zusammenarbeit (GIZ) GmbH

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Federal Ministry
for Economic Cooperation
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Design

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The four-step approach: the basic adaptation planning process

- The systematic process deals with all questions relevant for planning adaptation.
- Going one step at a time avoids mental blocks due to the over-complex challenge.

Four steps:

1. Assess vulnerability
2. Identify adaptation options
3. Select adaptation measures
4. **Develop an M&E framework**





Rationale

Objective

- Fourth step of planning adaptation.
- The monitoring and evaluation (M&E) framework aims to enhance accountability, foster learning, embed adaptation, improve programme design.

Importance

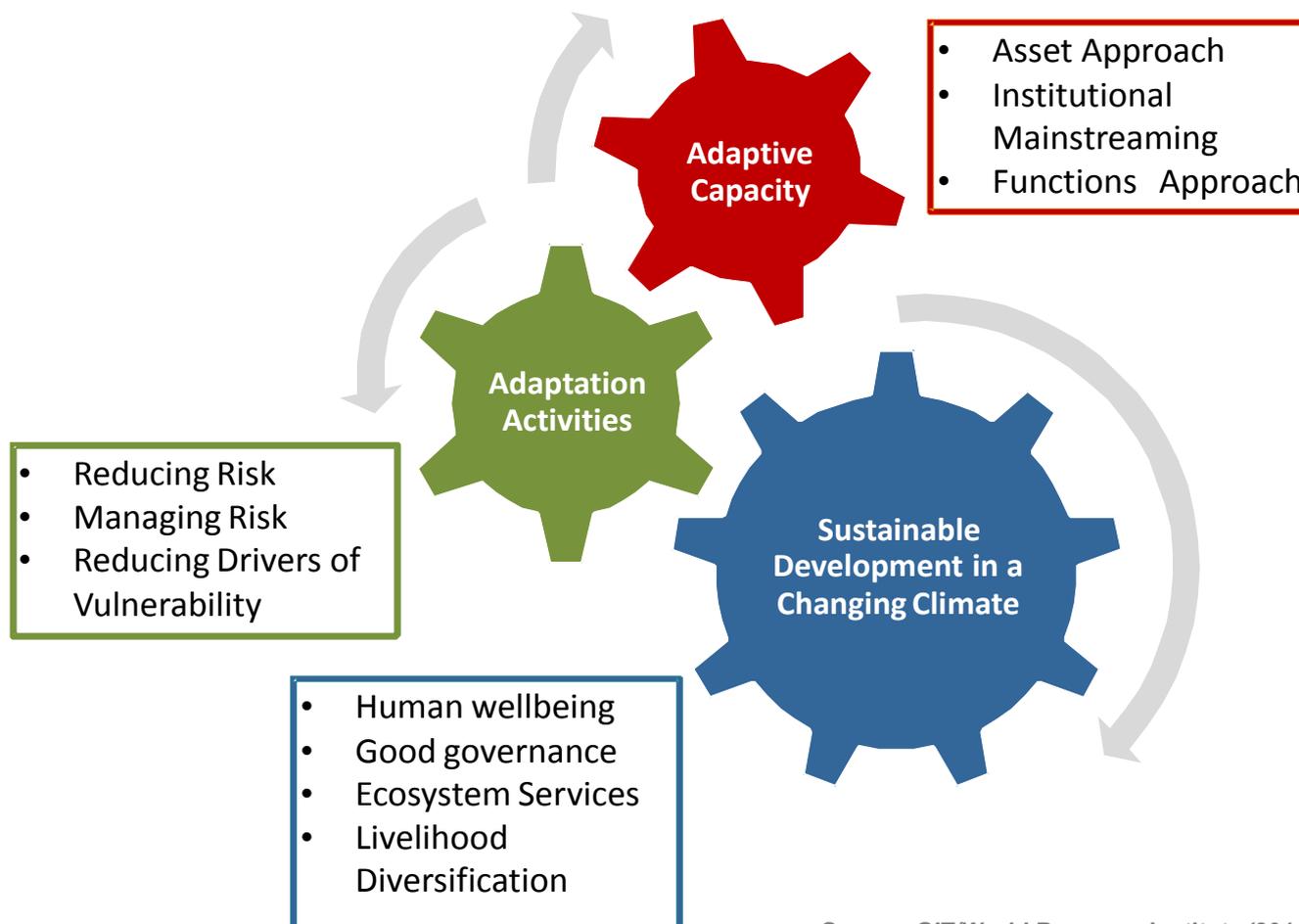
- Clarify actions to be taken and who is accountable
An opportunity to strengthen capacity and identify key processes, functions and outcomes.
- Prepare effective implementation and foster learning.
Critical to adaptive management.

Application

- Up-front concern during design process, and ongoing.



M&E for adaptation: What to look at



Source: GIZ/World Resources Institute (2011): "Making adaptation count"



M&E for adaptation: Need and challenges

Need

- Track the performance
- Ensure the desired impact
- Enhance accountability
- Increase technical and operational knowledge in new fields of action, thus enabling learning, stakeholder engagement and adaptive management
- Develop a unique selling point for funding, based on provable results

Challenges

- Attribution gap
- Distinguish 'adaptation measures' from 'business as usual'
- Compare 'no adaptation' and 'adaptation' scenarios

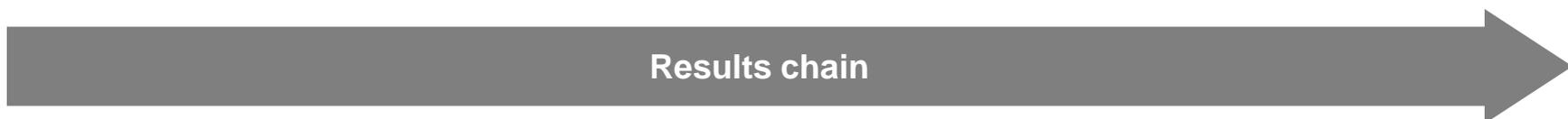
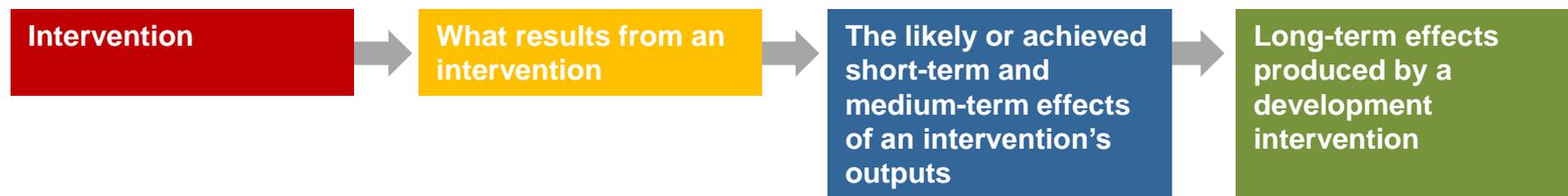


M&E for adaptation: Possible solutions to deal with challenges

- Combine different assessment methods
- Complement established M&E techniques
- Define appropriate indicators
- Describe a results chain
- Use milestones or markers of progress
- Use M&E for knowledge management and adapt management from lessons learnt



The results chain





Exercise (1)

Context

- Continue work in SWA's adaptation advisory group
→ your working group
- An M&E framework shall guide SWA in their management, in tracking the delivery of results and in increasing their response capacity by learning from the activities carried out.
- After having proposed a strategic selection of adaptation measures, they need to be embedded in a results chain.

Exhibits

- Box on criteria for the selection of good indicators
- Box on how to formulate an indicator
- Graph results chain



Exercise (2)

Your task

- In Matrix 10
 - Note down the desired long-term impact for SWA's strategy
- In Matrix 11
 - Check **Column A** for a set of selected adaptation measures
 - In **column B** think through the outputs and outcomes of the measures
 - In **column C** brainstorm potential indicators for the results of the activity: outputs and outcomes
 - In **column D** suggest possible sources of data for tracking each indicator



Exercise (3)

Results

- (please specify)

Logistics

- Case work
- Presentation of results (please specify how)
- Reflection





Example: **Flood management in Hunan province (ADB)**

Sustainable and inclusive socio-economic growth in flood-prone areas of Hunan province

Outcome

- Protection for priority flood-prone areas improved

Outcome indicators

- Annualized flood damage and disaster relief costs reduced in participating cities
- Direct economic losses from floods and water logging reduced compared with current average losses



Outputs (1)

1. Operational flood warning and management systems for up to 35 municipalities linked to the provincial system

Indicators

- Increased warning time against potential floods in project area (current warning time is a few hours to one day)
- Forecasting and warning data more frequently accurate

2. Flood protection works completed in priority locations

Indicators

- Flood control level of cities improved to 1 in 50- or 100-year flood return
- Income and livelihood of relocated pop. restored to pre-resettlement levels
- Percentage of environment management plan monitoring targets achieved





Outputs (2)

3. Strengthened project management and monitoring systems

Indicators

- Timely and informative reporting of local project management offices
- Systems-based project management and monitoring system operational, including project performance management system

4. Selected sector assessments and planning to support development of integrated flood management plans

Indicators

- Basin-wide flood warning system needs assessed
- Flood insurance appraised with support from advisory technical assistance

