



Apply a climate lens



On behalf of
**Federal Ministry
for Economic Cooperation
and Development**





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GIZ Climate Protection Programme



On behalf of

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for Economic Cooperation
and Development

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Rationale

Objective

- By understanding the relevant climate change risks and opportunities, help a policy, programme, plan or project become more resilient to climate change or more supportive of adaptation.

Importance

- Lays the foundation
- Gives first overview on issues to be further explored

Application

- The first step towards policy, programme or project formulation, screening or revision.



Key questions (1)

- **To which extent may a strategy, policy, plan or programme be vulnerable to the risks of climate change?**
- **To which extent have those risks been considered when the strategy, policy etc. was formulated?**
- **To which extent may vulnerabilities increase, or positive opportunities be missed?**
- **If strategies/policies are revised: which amendments might be warranted to address climate risks and opportunities?**





Policy programming cycle

Policy formulation

National long-term visions



National short- to medium-term policies (e.g. PRSPs)



Planning

Multi-year development plan



Resource allocation

National budget

Programming/
implementation

Sector level plan

Sector budget envelope

Propose investment

Sector level plan

Allocate budget

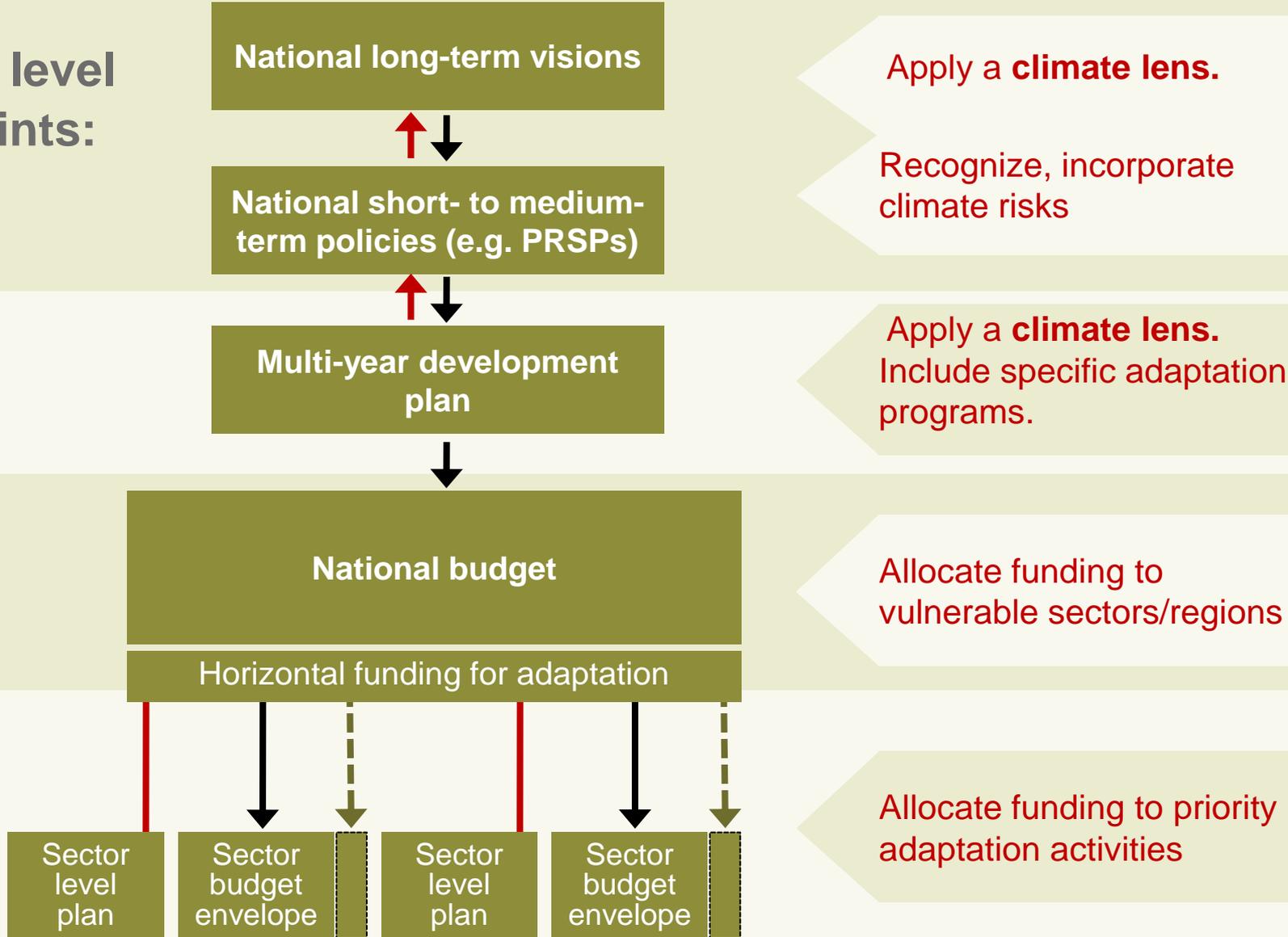
Sector budget envelope

To sector level





National level entry points:





Sector level entry points:

Policy formulation

Planning

Resource allocation

Programming/
implementation

National level

Sector strategy and policies

Sector plan

Sector budget envelope **Adaptation funding**

Sector programming

Sector investment program:
Top-down programs, projects
Selected projects district A, B

Project proposals district A
Project proposals district B

Apply a climate lens
Act on climate priorities
Recognize climate risks

Apply a climate lens
Build in top-down activities
Build in cross-sector activities

Make room in budget for cross sector activities, claim adaptation funding

Add climate considerations to proposal evaluation criteria
Include top-down activities

To project/local level



Exercise (1)

Context:

- Revision of the National Development Plan (NDP) of Zanadu
- Government of Zanadu: NDP should reflect climate change adaptation priorities → make it climate-resilient
- GoZ has established a climate change advisory group
→ your working group

Exhibits:

- NDP main goals; the shaded areas have been selected for the exercise (→ see Matrix 1, column A)
- Climate change information and projected impacts for Zanadu



Exercise (2)

Your task

Use Matrix 1:

- In column B for each development goal explain if and how it could be affected by climate change.
- In column C, based on what you know about Zanadu, select the region(s) especially at risk.
- In column D, identify the key actors at national level that should take action on next steps.





Exercise (3)

Results

(please specify)

Logistics

Case work

Presentation of results (please specify how)

Reflection





Example – Strategic environmental assessment of a hydropower plan (1)

Scope of the strategic environmental assessment (SEA):

- ‘Quang Nam Province Hydropower Plan’ for the Vu Gia-Thu Bon river basin, Vietnam
- 20-year timeline
- Climate change is considered as one out of 15 key issues

Key impacts of climate change on the hydrology of the basin:

- increased intensity and variability of rainfall
- increases in extreme flood flows and sediment transport
- sea-level rise affecting flooding in seaward area
- increased temperature and higher evapotranspiration
 - lower dry-season minimal flows, potential saline intrusion





Example – Strategic environmental assessment (2)

Conclusion: Pace and scale of dam plans are unsustainable.

Recommended:

- **Operations and institutional arrangements must prepare for and reduce droughts and floods.**
- **Climate change parameters must be incorporated into design and management of dams.**
- **Strategic issues: need for ...**
 - (i) integrated river-basin management;
 - (ii) coordinated management and water release for the 60 dams considered;
 - (iii) improved data collection.

