

# Overview of Adaptation Framework

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# TNA Handbook

## Issues for Consideration

- Stakeholder Engagement
- TNA Activities
- Implementation Actions

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## Issues for Consideration

- Stakeholder Engagement
  - Importance of buy-in/transparency
  - More widespread in an adaptation framework because of cross-sectoral issues
  - May be challenging for Caribbean SIDs and low-lying States

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- Stakeholder Engagement: Some questions for consideration:
  - Is the approach in the TNA handbook adequate to engage necessary stakeholders for adaptation?
  - What additional guidance, if any, should be provided?

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## TNA Activities

- *Step: Prepare preliminary overview of options and resources*
  - *ID of options informed by vulnerability assessments*
  - *Consideration of the following:*
    - *Extent of sector-specific vulnerabilities*
    - *Cross-cutting issues and indirect impacts*
    - *Adaptive capacity of vulnerable sectors*

### ***Q's for consideration:***

- ***Should this step be considered?***
- ***What issues should be addressed in developing this step?***

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## TNA Activities

- ***Step: ID Technology Criteria for Assessment***
    - *Tech criteria may be difficult in absence of response (adaptation) assessment that can be applicable*
    - *May be preceded by a consideration of practical adaptation options that can address the particular vulnerability*
    - *The following questions may be considered:*
      - *What actions are required to reduce or eliminate the particular vulnerability?*
      - *Do the identified options/actions adequately address the vulnerability in practical terms?*
      - *Are there technology implications in the identified options/actions?*
- Can result in a prioritized list based on stakeholder consultation from which technology criteria can be set***

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## TNA Activities

- ***Step: ID Technology Criteria for Assessment***
- Questions for consideration:
  - Should the adaptation addendum consider this additional step?
  - What guidance can be provided on the assessment of possible response measures?
  - What kind of issues should be addressed to help countries develop a set of criteria against which sectors/technologies are to be assessed?

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## TNA Activities

- ***Step: Prioritize and select key technologies***
  - *This step may precede setting technology criteria*
  - *May include an analysis of relevant human and technical resources*
  - *Main consideration in technology selection is capacity requirements and requisite “soft technologies” (such as training requirements, expertise, maintenance etc.)*

### ***Questions for consideration:***

- 1. Should the adaptation addendum to the TNA handbook provide guidance on capacity building as it relates to TNA?***
- 2. If so, what issues should be considered in developing such guidance?***
- 3. What issues should the adaptation addendum include in addressing “soft” technologies?***

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## TNA Activities

- **Technology Selection and Environmental Technology Assessment (EnTA)**
  - Important tool for analysing environmental and socio-economic impacts of introducing or using a particular technology
  - Can be incorporated as a sub-step in the technology selection process
  - Once completed, decisions can be taken to:
    - Modify the project to reduce disadvantages or increase benefits
    - Identify control or regulatory needs
    - Conduct research to further define risks more reliably, clarify uncertainties and take corrective measures to reduce or eliminate negative effects

### Questions for consideration:

1. Should EnTA be included as a sub step?
2. Are there other tools that may provide additional guidance or assistance in assessing options that should be considered?

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## TNA Activities

- ***Step: Identify barriers and policy needs***
  - ***Barrier identification should be integrated into each step***
  - ***Barriers as applied to adaptation can take many forms such as policy, trade, legal, institutional and human and technical***
  - ***Cross-sectoral considerations: barrier in one sector can also be a barrier in another sector***

### ***Questions for Consideration:***

1. ***Does the TNA handbook provide adequate guidance on barriers?***
2. ***What additional issues should be considered?***
3. ***Are there any additional issues that should be considered to better respond to adaptation concerns?***

