



# United Nations Development Programme

## **Handbook on methodologies for technology needs assessments**

**Workshop on Technology Needs Assessment and Technology Information for the Caribbean Region**

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# *Outline of presentation*

- Why TNA & why the handbook
- Objectives
- Overview
- Process involved in the preparation of the handbook
- Current focus: Adaptation framework

# *Why TNA?*

## **Provide a systematic process to:**

- Focus on the right sectors – on the basis of priorities
- Gather the right data – with a clear understanding of its relevance
- Gain picture of how techs suit needs and priorities before carry out detailed studies
- Engage stakeholders with clear understanding of goals and roles

# *Why this handbook?*

**Developed in Collaboration with Climate Technology Initiative in response to:**

- Survey undertaken by the UNDP
- Workshop convened by the UNDP and UNFCCC in Seoul, Korea.
- Recommendations from EGTT
- Previous work carried out by CTI

# *UNDP Survey*

The survey found that:

- Technology transfer is an increasing priority
- Objectives, approaches and activities vary widely among countries
- There is a need for a practical and integrated approach for assessing technology needs
- Adaptation is a critical issue in a number of countries

# *Building on existing activities*

- *The Special Report on Methodological and Technical Issues in Technology Transfer, IPCC 2000*
- UNFCCC work on technology needs assessment; paper by Renmin University, China – ‘*Tools and Methodologies in Assessing technology Needs*’ (UNFCCC 2002)
- CTI report – ‘*Methods for Climate technology Needs Assessments and Implementing Activities: Experiences of Developing and Transition Countries*’, 2002
- Countries with top-up activities

# *Objectives*

- A straightforward approach to TNA (part of integrated technology transfer processes). To be tailored to individual circumstances, but generic issues laid out
  - An introduction to the means by which needs, technologies and resources may be evaluated
  - The handbook intends to be short and to concentrate on key issues - not a detailed reference manual or academic paper.

# *Overview of handbook*

- Brief introduction to the concept of a TNA methodology
- Stakeholder participation and engagement
- TNA activities
- Some implementation issues
- Brief list of mitigation and adaptation options
- Brief list of information sources

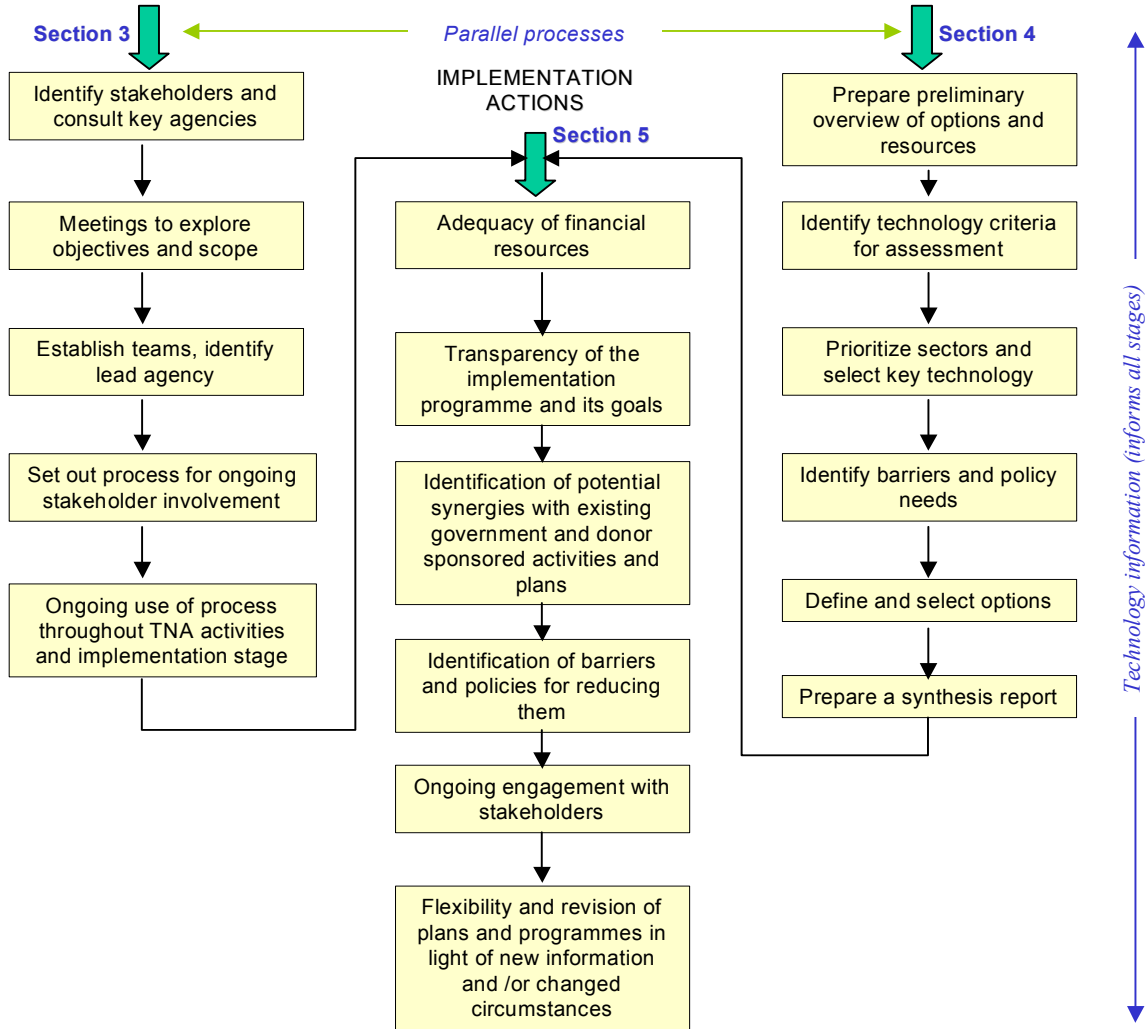
# *TNA activities*

- Prepare a preliminary overview of options and resources
- Identify criteria for technology assessment
- Identify priority sectors and select technologies
- Identify barriers and policy needs
- Define and select actions
- Prepare a synthesis report

Implementation actions

STAKEHOLDER ENGAGEMENT

TNA ACTIVITIES



# *Handbook Review process*

- Discussion of draft outline: EGTT and selected experts (Korea, April 2002)
- First round of comments: EGTT and national climate change focal points (August 2002)
- UNDP/CTI Workshop in Africa (Dakar, December 2002)
- Second round of comments: EGTT and national climate change focal points (February 2003)

# *Why an adaptation Framework?*

- Adaptation - main priority in SIDS
- Adaptation not adequately addressed by the handbook
- Recommendation from EGTT on further work to develop an adaptation addendum
- Joint effort: UNDP, CTI, UNFCCC, EGTT

# *Adaptation Framework*

- Goal of the adaptation framework - to complement and strengthen the existing methodology, not to replace it
  - Subject of this workshop
  - Issues Paper
  - Presentations and discussions
  - Working groups