

United Nations Economic and Social Commission for Western Asia

# **Adaptation Plans** Best Practices George J. Nasr, Dr. Eng., **ESCWA Consultant**







































## Objective

George J. Nasr, Dr. Eng. ESCWA Consultant

## 1. Best Practices

### 2. Governance

## **Best Practices**



### Based on "National Vision" for Energy;

### 2. Implementation of plans:

Managed by a permanent team or taskforce for climate change adaptation.

#### 3. Adaptation Team would:

- Facilitate regular training in a way that leverages local knowledge;
- Ensure that adaptation plans are:
  - Developed in a way that takes into account climate change mitigation;
  - Structured in such a way as to allow for matching grants or joint funding.

## **Best Practices: Adaptation Team**



- Tasks:
  - Response to Reactive or autonomous adaptation
  - Plan Anticipatory Adaptation.
- Work at:
  - National and sectoral level;
  - Local level, to best benefit from local knowledge and skills;
- Cultivate and maintain stakeholder engagement;
- Monitor local implementations of measures
  - Carry out cost-benefit analyses,
  - Refine local best practices based/

## **Best Practices: Training**



- 1. Training, Capacity Building, and information dissemination,
  - Benefit from local knowledge.
  - Facilitate the "trickle up" of local knowledge: implicating people "in the field" in the development of solutions, and the preparation of reports.
  - Regularly review:
    - Local effects impacts of climate change
    - Effect on: people's responses to the change; changes in Foreign Direct Investment (FDI) and trade; the effect on Operation and Maintenance needs; business competitiveness...
- 2. Publish regular reports and guidance documents
  - Update UNFCCC Database

## **Best Practices: Reporting**



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# Best Practices: No "Silver Bullets"



 Adaptation to climate change will come from a variety of solution, and not a single solution.

- This has two aspects:
  - Technically: use of multiple solutions for power production, avoiding reliance on a single source;
  - Management: Maintain a focus on all three key aspects of IWRM; (1) social equity; (2) economic efficiency; and (3) ecological sustainability.

## **Best Practices: Mitigation co- benefits**



Link Adaptation Plans to Climate Change Mitigation, in a way that Mitigation is a "co-benefit" of Adaptation;

Ensure proper coordination between National Adaptation Programmes of Action (NAPA) and Intended Nationally Determined Contributions (INDCs).

Two Targets: 1.5 C and 2 C

## **Best Practices: Matching Grants**



"matching grant" structure in which the recipient country provides its share "in kind"; land, manpower, forested areas...

- Empower local communities.
- An updated "map of funding", to ensure continuous tracking of the available means of finance.





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## Governance



- Need to adapt to new knowledge.
  - Climate Information changes, adaptation needs always evolve:
  - Develop "National Vision" for Energy

## - Transparency

 Reporting requirements, Mandated scrutiny by local stakeholders.

## - Participatory environment

 Adaptation measures apply to local needs and conditions

## Governance



- Implementation with a long-term outlook
  - Allocate resources among various sectors
  - Mediate among stakeholders
  - Create and maintain key relationships.
    - Participatory environment
    - National strategies: "bottom-up" input

## Participation is more than Consultation



- Participation:
  - Stakeholders at all levels of the social structure have an impact on decisions at the different levels of management.
- **Consultative mechanisms** designed to allow stakeholders to (1) participate in the decision making, (2) question, and (3) potentially change previous decisions.
- Stakeholder meetings: consensus is not a focus
  - Conflict resolution mechanisms such as arbitration.
- Participatory capacity: created and nurtured,
  - Seeking out marginalized groups.
  - Extends beyond simple awareness raising, confidence building and education:
    - Establishment of reliable information channels,
    - Provision of the necessary resources to facilitate participation

## **Traditional Structures**



### Local coordination:

- Leveraged effectively towards ensuring a good implementation of adaptation measures
- 1. Transparency and accountability
- 2. Institutions that have managerial competence and technical capacity
- 3. Reliability and predictability of the rule of law





## Thank You

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## 1. Best Practices

## 2. Governance