

# ***NAMA & MRV***

## ***IN THE TUNISIAN ENERGY SECTOR***

***Agence Nationale pour la Maîtrise de  
l'Énergie "ANME"***

***Afef JAAFAR***  
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**2°C target**



**Low Carbon Development  
Strategy**



**NAMA**

**CDM  
experience**



# STATE OF THE ART

## NAMA STRATEGY Development In the energy sector

**Main  
objective**

**Rapid Access to financing, technology  
transfer and capacity building**

# Main pillars of the NAMA strategy

- 1.** A dedicated institutional structure for NAMA
- 2.** Voluntary setting of a mitigation target
- 3.** Development of sustainable development criteria for NAMA
- 4.** Development of priority NAMAs
- 5.** Implementation of an MRV system
- 6.** Capacity building

# 1. A dedicated institutional structure for NAMA



Currently

**Recommendation**

Implement a new structure “Task Force” involving all the stakeholders to support and monitor the development of NAMAs in the energy sector

**Strength:** the existing CDM Task Force

## 2. Voluntary setting of a mitigation target

### Strengths:

- **GHG inventory in the energy sector** (*assessment of GHG emissions dating back to 1980*)
- **Med pro** (*assessment of the projected emissions by 2020 and 2030*)

### Challenges:

- **How to define the baseline ?**
- **How to set a target** (*in terms of carbon intensity, emission growth rate...*) ?
- **Which base year should be chosen?...**

### **3. Development of sustainable development criteria for NAMA**

#### **Strengths:**

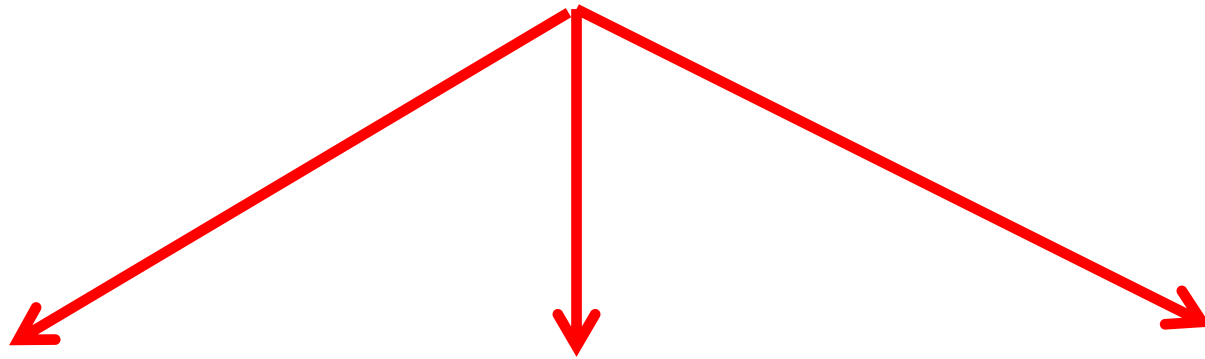
- Existing CDM sustainable development criteria

#### **Challenges:**

- Need to update
- Establishment of a NAMA institutional structure equivalent to the DNA to guarantee the compliance of NAMAs with national SD goals

## 4. Development of priority NAMA

The Three NAMAs identified as a priority in the energy sector



**NAMA**  
In cement  
sector

**NAMA**  
for the TSP

**NAMA**  
In building  
sector



# NAMA in cement sector

Study launched by the ANME with the GIZ & BMU



## Objective

Generating a project idea that can fit into one of the post Kyoto mechanisms

# NAMA in cement sector

## STEPS

- **Detailed assessment of the GHG mitigation potential in the cement sector** (*development of baseline scenario, identification of mitigation options...*)
- **Determination of the most appropriate post-2012 mechanism for the Tunisian cement sector** *on the basis of a multi-criteria analysis.*
- **Proposal of an adequate mitigation mechanism, as well as the MRV system.**
- **Action plan for the actual implementation of the project.**

# NAMA in cement sector

## Strengths:

- Big mitigation potential
- Availability of data (ANME is accustomed to work with cement plants)
- Good investment capacity (most of the cement plants were privatized and belong to international groups)

## Challenges:

- Which post Kyoto mechanism will be most suitable
- (NAMA, NMM (domestic cap and trade or baseline and credit scheme))?
- How to remove regulatory barriers to implement the identified mitigation options ?
- How to identify unilateral and supported NAMA ? ...

# NAMA in building sector

Study launched by the ANME with the BMU

## Objective

Development of NAMA for energy conservation in building sector (EE & RE actions)

Assessment of the political and technical context

Selection of the NAMA components

Development of the NAMA document (MRV, financial plan)

# NAMA for electricity generation from renewables

Study launched by the ANME with the UNDP



## Objectives

- Training sessions
- Sustainable development criteria identification
- Preliminary draft of the mitigation actions programme

## 5. Implementation of an MRV system

### Strengths:

- The existing GHG emissions inventory in the energy sector and industrial process
- SIM2E information system

### Challenges:

- MRV requirements ?(difference between domestic MRV of unilateral NAMA , international MRV of supported NAMA)
- Scope of MRV (monitoring of non-GHG reduction outcomes, and monitoring of finance provided)
- To what extent can the GHG-inventory be considered as an MRV system?
- MRV cost

## 6. Capacity building

**Needs**

```
graph TD; Needs[Needs] --> Training[Training sessions  
(NAMA process, eligibility criteria, mitigation potential assessment, NINO preparation...)]; Needs --> Technical[Technical support]; Needs --> Awareness[Awareness raising  
(national level) & communication  
(international level)];
```

**Training sessions**

(NAMA process, eligibility criteria, mitigation potential assessment, NINO preparation...)

**Technical support**

**Awareness raising**  
(national level)  
&  
**communication**  
(international level)

# Conclusion

**Much remains to be clarified**

- **Eligibility** (Additionality ...)
- **Financing** (means of financing, access to financing, need for NAMA Fund?.....)
- **Interaction with other instruments** such as NMM
- **MRV**



# Conclusion

NAMA can be  
profitable &  
beneficial for  
developing  
countries

**if**

Designed as a  
win-win  
process



**Thank you for your attention**

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