The League Of Arab States

Roundtable on Energy Efficiency Policy Recommendations for the SEMED/MENA Region,

April 15-16, Amman Jordan
Organizational Chart of AMCE

The Arab Ministerial Council for Electricity

The Executive Bureau of the AMCE

RE and EE Expert Committee
Electricity Expert Committee

The Secretariat

Energy Efficiency Working Group

The Arab Guideline for Improving Electricity Efficiency and Rationalization its consumption at the end-user (Arab EE Guideline)
Introduction
The Arab Guideline for Improving Electricity Efficiency and Rationalizing its Consumption at the End User was approved by the Executive office of the Arab Ministerial Council of Electricity as resolution number 195, adopted by the 26th meeting held on 23 November 2010.
Arab Energy Efficiency Stages

- **Translation**
  - Energy Service Directive 2006/32/EC

- **Approval**
  - RE&EE Energy Expert Committee

- **Arab States Feedback**

- **Endorsement**
  - Arab Ministerial Council for Electricity, Dec. 2010

- **NEEAPs**
  - Implementation
Purpose of the Guideline:

To foster and improve electricity efficiency and rationalization of its consumption at the end user through:

• The provision of **indicative targets**, as well as **mechanisms**, **incentives** and **institutional** frameworks and **financial** and legal measures required to remove the barriers and flaws existing in the market which impede the efficient end-use of energy.

• Creating the appropriate conditions for the development and promotion of a market for **energy services** in addition to the delivery of other necessary **measures** to improve energy efficiency to end-users.
Scope of the Guideline:

- Energy efficiency service providers.
- Energy suppliers, distributer and operators.
- End-users.

The General Target of the Guideline

The Guideline states that each member state desiring to comply with the guideline, should perform the following:

- Prepare a 3 year NEEAP with an interim target for execution.
- A new 3 year NEEAP is to be prepared after the completion of the old one
- Implement necessary measures
- Assign the Responsibility for oversight coordination and reporting to one or more new or existing authorities or agencies.
- The NEEAP is to be reviewed annually to make sure that it fulfills its objectives.
Areas of intervention of the Guidelines

- Exemplary role of the public sector End-Use Energy Efficiency in the Public Sector
- Promoting End-Use Energy Efficiency and Energy Services
- Energy distributors, distribution systems operators, and retail energy sale companies Availability of information
- Availability of qualification, accreditation and certificates schemes Efforts towards the Activation of the Guideline:
  - Financial instruments for energy conservation
  - Tariff structure of electric power
  - Financial resources and funding mechanisms
Working Group on Energy Efficiency

In 2009, a special workgroup formed by the secretariat of the Arab Ministerial Council of Electricity and the RE&EE committee consists of official representatives from the Arab states to follow up the preparation and the approval process of the guideline.

Energy Efficiency has become mandatory to confront Economic constrains, increasing population and political instability in many developing nations. There is a need for integrated and effective national and regional policies and regulations to control energy consumption.

After the approval of the Guideline, the secretariat of the AMCE assigned an EE workgroup to follow up the implementation of the Guideline; this workgroup discusses all related issues such as the implementation methodology, the NEEAP development process and convening national and regional events to promote for the guideline.

Main responsibility of the Arab League Secretary is to report periodically to the RE&EE committee about the implementation progress of the Guideline.
Joint Efforts

The high level of cooperation and coordination between the LAS, the Regional Center for Renewable Energy and Energy Efficiency (RCREEE) and the EU funded regional projects MED-EMIP and MED-ENEC was the successful factor behind the success of NEEAP story in the Arab region.
Technical Supportive Tools

- NEEAP template, this template considered as a helpful tool in preparing the NEEAP and describes the EE measures included.

- The Guideline implementation methodology that clarifies the needed steps in order to meet the guideline requirements.

- Direct technical assistance and support to the member states to develop their NEEAPs

- Monitoring and evaluation methodology where RCREEE is officially mandated by the Arab Ministerial Council of Electricity to monitor the qualitative progress and quantitative impact of national energy efficiency action plans (NEEAP) and to publish regularly an annual report about its findings to be widely distributed and discussed through the stakeholders’ networks.

- Organizing national and regional workshops to follow up the NEEAP development with the member states representatives, provide forums for knowledge exchange and lessons learned about NEEAP progress in the member states, presenting the state of the art of NEEAP preparation and implementation in the region, and latest planning and evaluation methodology of EE polices and strategies
NEEAP Template

- Supportive tool to draw the NEEAP.
- Numerical indicators needed to be calculated.
- Quantifying the NEEAP.
- To create a unified form for template to move forward.
- Not mandatory.
- Success based on data availability.
The Development of the National Energy Efficiency Action plans (NEEAPs) in the Arab region
Arab Region Vision for Energy Efficiency

Adopting EE practices will assist Arab nations achieving:

Creating new jobs at lower costs.

Transferring and implementing latest energy technologies

Minimizing negative gas emissions

Raising the regions awareness about best uses.

Engaging Civil community and public sector in creating and implementing EE laws and regulations
Countries that have adopted NEEAPS

- **Egypt**
  - 2012-2015
  - 5% Electricity Saving

- **Tunisia**
  - 2011-2013

- **Lebanon**
  - 2011-2015
  - 12%

- **Palestine**
  - By 2020
  - Objective: 5%

- **Sudan**
  - 2013-2016
  - 2017-2020
  - 33% reduction in electricity consumption
### Countries that are in the process of adopting NEEAPS

<table>
<thead>
<tr>
<th>Country</th>
<th>Status</th>
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</thead>
<tbody>
<tr>
<td>Syria</td>
<td>Decrease energy consumption by 10% by 2020 (halted due to current situation)</td>
</tr>
<tr>
<td>Jordan</td>
<td>NEEAP submitted for approval 2012</td>
</tr>
<tr>
<td>Bahrain</td>
<td>First draft will be ready by June 2013</td>
</tr>
<tr>
<td>Libya</td>
<td>First draft expected in 2013</td>
</tr>
<tr>
<td>Algeria / Morocco</td>
<td>Work in Progress</td>
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</tbody>
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* There are other Arab countries with ongoing projects whom have yet to join the NEEAP Program like The Kingdom of Saudi Arabia, Kuwait and Qatar. While a few other countries like Yemen have expressed their intention of adopting the NEEAP but have yet to do so.*
NEEAPs Development In Arab Region

- 2009: Just an Idea
- 2010: 1st workshop
- 2011: Idea Accepted
- 2011: Real NEEAPs Lebanon & Tunisia
- 2012: Real NEEAPs Palestine, Egypt, Sudan & Jordan
- 2013: Real NEEAPs Libya, Algeria, Bahrain & Yemen
- 2015: Arab States
Confirming to LAS the intention of naming the national entity.

Preparing a 3 years National (NEEAP) and setting targets.

Involvement of relevant stakeholders.

Final Draft of NEEAP and approval bylaws & regulations needed.

Implementation.

Evaluation.

NEEAPs Development 2011

Tunisia

Lebanon

Syria

Palestine

Jordan

Sudan

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Confirming to LAS the intension of
Naming the national entity
Preparing a 3 years National Plan (NEEAP) and targets

Article 13I: Entry into Force
Involvement of Relevant Stakeholders
Final Draft of NEEAP and approval
Bylaws & Regulations needed

Evaluation
Implemention

NEEAPs Development 2012

Tunisia
Lebanon
Palestine
Egypt
Sudan
Syria
Jordan
Bah
Libya
Yemen
Kuwait
Algeria
Thank you

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