



**Expert Workshop:
Policy Best Practices for Accelerating the Deployment of
Low-Carbon Energy and Climate Technologies**

Regional focus: Middle East and North Africa, Caspian and Black Sea regions

23 September 2014

**IEA Headquarters
9, rue de la Fédération
75015 Paris, France**

Background and context

The International Energy Agency (IEA) and the European Bank for Reconstruction and Development (EBRD) are collaborating on a set of activities aiming to support the market penetration of climate technologies¹ in the Caspian and Black Sea (ETC)² as well as in the Middle East and North African (SEMED)³ regions.

Some countries within these regions lag behind others of a similar level of economic development in terms of the adoption of climate technologies. The uptake of climate technologies throughout these regions is hindered by a number of barriers, including: (i) high perceived risk due to information asymmetry; (ii) regulatory and legal impediments; (iii) capacity constraints at the institutional level inhibiting wider diffusion of best available climate technologies; (iv) lack of reliable baseline information on market penetration; (v) high transaction costs of developing climate technology investments faced by companies; and (vi) the fragmented nature of climate technology transfer initiatives and their narrow focus.

Accelerating the deployment of low-carbon energy technologies is contingent on policy that facilitates innovation and relieves barriers to implementation. Knowledge-sharing and international collaboration operate as first steps to developing best practices policy and assessment of existing frameworks, particularly in regions with nations that widely vary in size, resource availability and levels of political engagement in climate policy.

As part of its global engagement efforts, the IEA is hosting a stakeholder event aimed at exploring best practice policy instruments for Energy Efficient & Renewable Energy (EE&RE) technology deployment, particularly in the ETC and SEMED regions. The IEA, the EBRD and the FAO are collaborating in the endeavour to identify regulatory and policy measures that may facilitate technology deployment and to consider options for sound policy frameworks for climate technology deployment within ETC and SEMED regions. To maximise the applicability and effectiveness of this

¹ In the framework of the EBRD programme “Finance and Technology Transfer Centre for Climate Change” (FINTECC), “climate technologies” are climate change mitigation and climate change adaptation technologies. The IEA activities in the project focus on energy efficiency and renewable energy technologies (“EE&RET”).

² Limited to a grouping of 10 countries collectively referred to as ETC, and to Kazakhstan: Armenia, Azerbaijan, Belarus, Georgia, Kyrgyz Republic, Moldova, Mongolia, Tajikistan, Turkmenistan and Uzbekistan.

³ Limited to a grouping of four countries collectively referred to as SEMED: Egypt, Jordan, Morocco, Tunisia.

assessment, stakeholders with expertise in EE&RE deployment, both in these regions but also beyond, are invited to participate in an initial expert workshop which will take place on 23 September 2014 at the IEA headquarters in Paris.

Workshop objectives

The overarching aim of the workshop is provide an opportunity for a selection of key international and regional stakeholders to discuss best policy practices in support of EE&RE technology deployment, relevant to ETC and/or SEMED countries.

In particular, assembling stakeholders at this workshop aims to accomplish the following objectives:

- (i) sharing information about experiences and lessons learned through EE&RE projects and actions carried out in the target regions, and in other regions as comparative examples;
- (ii) identifying through policy dialogue the most pressing needs, barriers to and action options for the market uptake of EE&RE technologies in the target regions; and
- (iii) recognising international and regional networks that can play a significant role in the regional pursuit of climate change mitigation and adaptation targets.

Structure of the event

This one-day event will involve sessions on barriers and possible response actions to foster the deployment of EE&RE technologies in the target regions. Each session will involve short presentations from a range of speakers selected on the basis of experiences in supporting policy development in the SEMED, ETC or other regions, thereby assisting to identify actions and efforts to target policies, technologies and sectors in need of support. Presentations will be followed by interactive roundtable discussion with expert panellists.

This event is coordinated by the IEA's International Low-Carbon Energy Technology Platform and it draws on existing in-house expertise distributed across several IEA offices, in particular involving those in the Office of Global Energy Policy, the Directorate of Sustainable Energy Policy and Technology and the Directorate of Energy Markets and Security (which includes the IEA's Renewable Energy Division). The workshop is being conducted in co-ordination with the EBRD and with inputs from the FAO.

*Participation in the event is by invitation only.

Draft Programme

OPENING 09:30 – 09:45	<p><i>Welcome remarks and introduction to the objectives of the event</i></p> <ul style="list-style-type: none"> • Keisuke Sadamori, Energy Markets and Security, IEA
Session 1 09:45 – 11:20	<p><i>Policy pathways in support of EE&RE deployment: barriers, solutions and lessons learned</i></p> <p><i>Moderation: Paolo Frankl, Renewable Energy Division, IEA</i></p> <p><i>Panellists: Dana Kupova and Nigel Jollands, European Bank for Reconstruction and Development (EBRD); Cecilia Tam, Energy Demand Technology Unit, IEA; Zitouni Ould-Dada, United Nations Environment Programme (UNEP); Olgu Okumus, Union for the Mediterranean (UfM).</i></p> <p><i>Objective:</i> Panellists will be invited to share lessons learned during the implementation of programmes and policy activities carried out in SEMED / ETC countries, or other countries by way of comparison, that can be used to improve existing and future support strategies and tools to foster market penetration of EE&RE.</p>
11:20 – 11:40	<i>Coffee break</i>
Session 2 11:40 – 13:10	<p><i>Policy pathways in support of the wider scope of climate technologies</i></p> <p><i>Moderation: Dana Kupova, EBRD</i></p> <p><i>Panellists: Jorge Fonseca, Food and Agriculture Organization of the United Nations (FAO); Vladimir Hecl, United Nations Framework Convention on Climate Change (UNFCCC); Jaani Pietikäinen, European Investment Bank (EIB); Franck Jesus, Organisation for Economic Cooperation and Development (OECD).</i></p> <p><i>Objective:</i> The range of solutions that can contribute to global efforts related to climate change extends well beyond the few EE&RE technologies that have are often at the centre of discussion. This session will focus on examining the holistic, broader picture of policy approaches that can be used to support climate change mitigation or adaptation, with particular emphasis on water efficiency strategies and sustainable development of rural economies.</p>
13:10 – 14:10	<i>Lunch break</i>
Session 3 14:10 – 15:40	<p><i>Governmental agencies and policy makers: experiences, challenges and forward thinking</i></p> <p><i>Moderation: Steve Gallogly, Division for Europe, Middle East and Africa, IEA</i></p> <p><i>Panellists: Paul Verhoef, DG Research and Innovation, European Commission; Roula Majdalani, United Nations Economic and Social Commission for Western Asia (ESCWA); Kanat Baigarin, Minister’s Advisor and National Focal Point, Kazakhstan; and Jamil Malikov, State Agency on Alternative and Renewable Energy Sources, Azerbaijan.</i></p> <p><i>Objective:</i> This session is dedicated to policy makers’ experiences of deploying climate technologies in SEMED / ETC or comparable countries in light of the latest energy trends and regional perspectives. Participants will be encouraged to delve into the strategic pursuit of EE&RE technologies by selected countries, share thoughts on which challenges are likely to hamper the uptake of climate technologies, and recommend how to overcome them with short- and long-term priority actions.</p>
15:40 – 16:00	<i>Coffee break</i>

Session 4 16:00 – 17:30	<p><i>Developing and implementing policy frameworks at the local level</i></p> <p><i>Moderation: Simone Landolina, International Low-Carbon Energy Technology Platform, IEA</i></p> <p><i>Panellists: Alessandro Rubino, Renewable Energy Solutions for the Mediterranean (RES4Med), Murman Margvelashvili, World Experience for Georgia; Ihab Shaalan, Regional Center for Renewable Energy and Energy Efficiency (RCREEE), Egypt; Hugo Chandler, New Resource Partners; and Sara Pasquier, Energy Efficiency Division, IEA</i></p> <p>Objective: Policy implementation and on-the-ground priority actions are at the heart of climate change mitigation and adaptation strategies. This session integrates a local level component focused on capacity building efforts that complement international and regional policies and programmes that support the acceleration of climate technology uptake.</p>
CLOSING 17:30	<p><i>Closing remarks and next steps</i></p> <ul style="list-style-type: none"> • Ingrid Barnsley, International Partnerships and Initiatives, IEA

The IEA's preparation and hosting of this workshop has benefited from the substantive and financial contribution of the European Bank for Reconstruction and Development (EBRD), the latter via its Special Shareholders Fund and via its Finance and Technology Transfer Centre for Climate Change (FINTECC), which is supported by the Global Environment Facility.

