



# Workshop on Renewable Energy Policies

A Side Event at the Third Session of the IRENA Assembly

Organised by the International Renewable Energy Agency (IRENA) in collaboration with the German Federal Ministry for the Environment, Nature Conservation and Nuclear Safety (BMU)

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Date: Saturday, 12 January 2013

Time: 9:00 – 18:00

Location: St Regis Hotel, Meeting Room 1

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## Abstract

Effective policy schemes and legislation are the basis for future deployment of renewable energy (RE) technology. Stable regulatory frameworks, transparent planning processes and clear procedures for connection to the grid are required to enable investment in RE generation worldwide. A great deal of experience and expertise has accumulated globally on how to design effective policies to promote the diffusion of RE and how to adapt these policies to varying market conditions and stages of RE deployment.

One of IRENA's fundamental pillars, established in the IRENA Medium Term Strategy, is to function as a network hub of country, regional and global programmes. IRENA will seek to understand the range of different programmes and approaches; to accelerate the transfer of best-practices; and to assess the relative cost effectiveness of the different approaches. On 14 November 2012, IRENA hosted a workshop on Renewable Energy Tariff-Based Mechanisms. The workshop focused on auction schemes, presenting key findings for policy makers and lessons learnt from countries that have implemented them. The workshop played an important role as a forum for policy dialogue, and the German Federal Ministry for the Environment, Nature Conservation and Nuclear Safety (BMU) offered their support to hold a second session on RE policies.

During 2012, IRENA worked with industry stakeholders and government officials to prepare two reports on lessons learnt and best practices in RE policy design: *Report on the Assessment of Renewable Energy Tariff-Based Support Mechanisms* and *30 Years of Policies for Wind Energy: Lessons from 12 Wind Energy Markets*.



### **Report on the Assessment of Renewable Energy Tariff-Based Support Mechanisms**

This report explores the role of tariff schemes, including feed-in tariffs (FiTs), feed-in premiums (FiPs) and auctions, in increasing RE-based power generation. Specifically, this report includes recent trends in tariff-based support mechanisms; analysis of strengths and weaknesses of FiTs, FiPs, and auction schemes; and case studies of 6 countries that have implemented public bidding/auctions schemes.

### **30 Years of Policies for Wind Energy: Lessons from 12 Wind Energy Markets**

This report, developed in partnership with the Global Wind Energy Council (GWEC), identifies and reviews significant policy and regulatory measures that have contributed to the successful development of wind energy across 12 major markets in Asia, Europe, North and South America, over the last three decades. This report is intended to be a reference for wind energy policy makers and aims to provide perceived strengths of different markets in order for other countries to replicate past experiences.

#### **The objectives of this workshop are to:**

1. Share experiences, disseminate best practices and stimulate dialogues on effective and efficient RE policy schemes, with a focus on stable investment climates, RE tariffs, broad economic value creation and other measures for RE electricity generation.
2. Generate feedback and comments from various participants and third parties including academia and the private sector.
3. Provide guidance on IRENA's work in the policy realm, with a view of its analytical work and function of facilitating policy dialogues.

### **Session 1 – Renewable Energy Policy Support: Lessons Learnt with Feed-in Tariffs**

#### **Guiding Questions**

- What tariff schemes are most effective for supporting RE with consideration for cost, investment security, sustainable market development, broad economic value creation and flexibility to adapt?
- How can feed-in tariff schemes be designed effectively and appropriately? How can schemes be adapted to different degrees of market maturity?
- What are the opportunities and limitations of various RE policies, including tariff schemes and grid integration?

## Session 2 – Appropriate Policy Designs for the Right Time: Support Policies for Wind Energy

### Guiding Questions

- What policy and regulatory measures have contributed to the successful development of wind energy across major markets in Asia, Europe, and North and South America?
- How can policy schemes stimulate investment in wind projects?
- What are the challenges today and how can policies be designed to address these challenges?

## Session 3 – Adapting Renewable Energy Tariffs in Different Market Conditions

### Guiding Questions

- How can feed-in tariffs be adapted and introduced in both mature and developing markets?
- What are the essential steps in initiating a feed-in tariff, phasing the scheme, and setting realistic tariffs?

## Closing Session – International Policy Dialogues on RE Support Schemes: Formats, Institutions, and Cooperation

### Guiding Question

- What could IRENA's role be in facilitating future debates on policy design as a centre of excellence and an advisory body?

## Agenda

Time	Activity	Speaker
9:00 - 9:15	<b>Registration</b>	
9:15 - 9:30	<b>Opening remarks</b>	Mr. Frank Wouters, IRENA
	<b>Session 1</b> Renewable Energy Policies: Lessons Learnt	Chair: Mr. Hugo Lucas, IRENA
9:30 - 9:50	<b>Presentation:</b> Overview and comparison of different support schemes for RE, including FITs, FiPs, and auctions	Ms. Rabia Ferroukhi, IRENA
9:50 - 10:10	<b>Presentation:</b> The International Feed-In Cooperation (IFIC) and lessons learnt from support scheme discussions in the EU	Ms. Corinna Klessmann, Ecofys
10:10 - 10:30	<b>Presentation:</b> Feed-in system specifications, features, amendments, and current and future challenges in Germany	Mr. André Poschmann, BMU
10:30 - 11:00	<b>Coffee Break</b>	



11:00 - 11:20	<b>Presentation:</b> Feed-in system specifications, features, amendments, and current and future challenges in Cyprus	Mr. George Partasides, Cyprus Ministry of Commerce, Industry & Tourism
11:20 - 11:40	<b>Presentation:</b> Feed-in system specifications, features, amendments, and current and future challenges in Malaysia	Ms. Puan Badriyah Hj. Abd Malek, SEDA Malaysia
11:40 - 12:00	<b>Presentation:</b> Feed-in system specifications, features, amendments, and current and future challenges in South Africa	Mr. Yousuf Haffejee, Eskom
12:00 - 12:30	<b>Q&amp;A</b>	
12:30 - 13:00	<b>Presentation:</b> Renewable Energy Policy Advisory Network (REPAN)	Mr. Jeffrey Skeer, IRENA Ms. Victoria Healey, NREL Ms. Veronica Westacott, Australia Department of Resources, Energy and Tourism
13:00 - 14:30	<b>Lunch</b>	
<b>Session 2</b> Appropriate Policy Design for the Right Time: Support Policies for Wind		Chair: Mr. Hans-Josef Fell, German Parliament
14:30 - 14:50	<b>Presentation:</b> Examples of support policies for wind energy development over the past 30 years (Findings from the study <i>30 Years of Policies for Wind Energy: Lessons from 12 Wind Energy Markets</i> )	Mr. Nicolas Fichaux, IRENA Mr. Steve Sawyer, GWEC
14:50 - 15:10	<b>Presentation:</b> Findings from <i>Transforming On-Grid Renewable Energy Markets</i>	Mr. Yannick Glemarec, UNDP
15:10 – 16:10	<b>Panel Discussion:</b> Policy support for wind energy	Ms. Shruti Shukla, GWEC Mr. Steve Sawyer, GWEC Mr. Gosaye Mengistie Abayneh, Ministry of Water and Energy, Ethiopia Mr. Yannick Glemarec, UNDP
16:10 – 16:30	<b>Q&amp;A</b>	
<b>Session 3</b> Adapting Renewable Energy Tariffs to Immature Markets		Chair: Ms. Corinna Klessmann, Ecofys
16:30 - 16:50	<b>Presentation:</b> Introducing feed-in tariff schemes to immature markets; findings from the <i>Report on the Assessment of Renewable Energy Tariff-Based Support Mechanisms</i>	Ms. Rabia Ferroukhi, IRENA
16:50 - 17:10	<b>Presentation:</b> Report on <i>Feed-in Tariffs as a Policy Instrument for Promoting Renewable Energies and Green Economies in Developing Countries</i>	Ms. Christine Lins, REN21
17:10 - 17:30	<b>Q&amp;A</b>	



<b>Closing Session: International Policy Dialogues on RE Support Schemes: Formats, Institutions and Cooperation</b>			Chair: Mr. Hugo Lucas
17:30 - 17:50	<b>Open Discussion:</b> IRENA’s role in facilitating policy discussions and cooperation with other international institutions		
17:50 - 18:00	<b>Closing Remarks</b>		Mr. Adnan Z. Amin, IRENA