

<b>Project name:</b>	<b>How2Guide for Smart Grids in Distribution Networks: Drafting workshop</b>
<b>Project type (level):</b>	Workshop (International / Latin America)
<b>Date and venue:</b>	26-28 March 2012, Mexico City, Mexico
<b>Status:</b>	Confirmed
<b>Project number:</b>	0301A
<b>Purpose and objective:</b>	<p>A two day “drafting” workshop will launch the How2Guide (H2G) for Smart Grids in Distribution Networks initiative. It will be the first of a series of workshops supporting the development of a How2Guide (H2G) for Smart Grids in Distribution Networks, and will explore all essential technology, policy and finance considerations for developing and implementing a national roadmap. This workshop will also inform future ISGAN work priority setting.</p> <p>This two day workshop will be followed by a half day dialogue workshop focusing specifically on smart grids consideration for Latin American and Caribbean (LAC) countries. The workshop outputs will directly feed into the content of the enhanced draft H2G.</p>
<b>No. of participants:</b>	~50 (although attendance on 28 <sup>th</sup> may be larger, to be confirmed) This workshop will be attended by representatives from government, utilities, R&D organisations, manufactures and technology companies among others.
<b>Project partners:</b>	<ul style="list-style-type: none"> <li>• <u>Project leader:</u> International Energy Agency (IEA) International Low-Carbon Energy Technology Platform</li> <li>• <u>Host:</u> Secretaría de Energía (SENER), Mexico</li> <li>• <u>Workshop partner:</u> International Smart Grids Action Network Implementing Agreement (ISGAN)</li> </ul>
<b>Project details:</b>	<p>Topics covered by the “drafting” workshop include the following:</p> <ul style="list-style-type: none"> <li>• Drivers for Smart Grids deployment in the distribution system;</li> <li>• Deployment of variable renewables in the distribution system;</li> <li>• Customer relationship and demand response;</li> <li>• Reduction losses in the system;</li> <li>• Operations;</li> <li>• Planning and development tools;</li> <li>• Scenario discussions and pathway of Smart Grids deployment; <ul style="list-style-type: none"> <li>a. low-carbon/high growth scenario<sup>1</sup>;</li> <li>b. low-carbon/low growth scenario<sup>2</sup>.</li> </ul> </li> </ul> <p>Topics covered by the LAC workshop include the following:</p> <ul style="list-style-type: none"> <li>• Grid integration of variable renewables;</li> <li>• Electric vehicle deployment;</li> <li>• Loss reduction;</li> <li>• Rural electrification.</li> </ul>

<sup>1</sup> Low carbon includes high variable renewables and EV penetrations. High growth is characterised by significant new deployments of conventional infrastructure.

<sup>2</sup> Low growth is characterised by aging infrastructure with low new deployments of new conventional infrastructure.

	<p>Across the 2 and half days, targeted outcomes include, but are not limited to:</p> <ul style="list-style-type: none"> <li>• Discussion and detailed input from attendees towards the development of the IEA Technology Platform Smart Grid How2Guide and new ISGAN annex on the deployment of renewables in distribution systems;</li> <li>• Seek agreement on key issues for Smart Grid deployments in distribution systems;</li> <li>• Experience and information sharing.</li> </ul>
<p><b>Follow up activities:</b></p>	<p>The Technology Platform will organise subsequent workshops will test draft guidance document content and regional applicability across geographically and culturally diverse regions throughout 2012. The “testing” workshops would also support the dissemination of early findings and the sharing of identified best practice.</p> <p>Partners are invited to explore their further involvement in the H2G initiative. Partners are also invited to explore any other potential activity of interest within the Technology Platform portfolio and discuss further potential collaboration (see <a href="#">Technology Platform Brochure</a>).</p>
<p><b>What is the Technology Platform?</b></p>	<p>Officially launched on 15 October 2010, in response to requests from the G8 and Ministers of the International Energy Agency (IEA) member countries, the International Low-Carbon Energy Technology Platform (Technology Platform) seeks to enhance collaboration among countries, business, the financial sector and other international organisations.</p> <p>The Technology Platform’s central aim is to accelerate and scale-up action for the development and deployment of low-carbon energy technologies. To achieve this, it:</p> <ol style="list-style-type: none"> <li>1. Brings together stakeholders to catalyse partnerships and activities to enhance the development and implementation of low-carbon energy technology strategies and technology roadmaps at regional and national levels.</li> <li>2. Shares experience on best-practice technologies and policies and builds capacity on technology policy planning methodologies to enable more efficient and effective policy development.</li> <li>3. Reviews progress on low-carbon technology deployment to help identify key gaps in low-carbon energy policy and international co-operation, and supports efforts to address these through relevant international and regional fora.</li> </ol>



**Contact the Technology Platform for more information**

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