INTERNATIONAL LOW-CARBON ENERGY TECHNOLOGY PLATFORM

Paris Energy Meetings

July 2012, Paris

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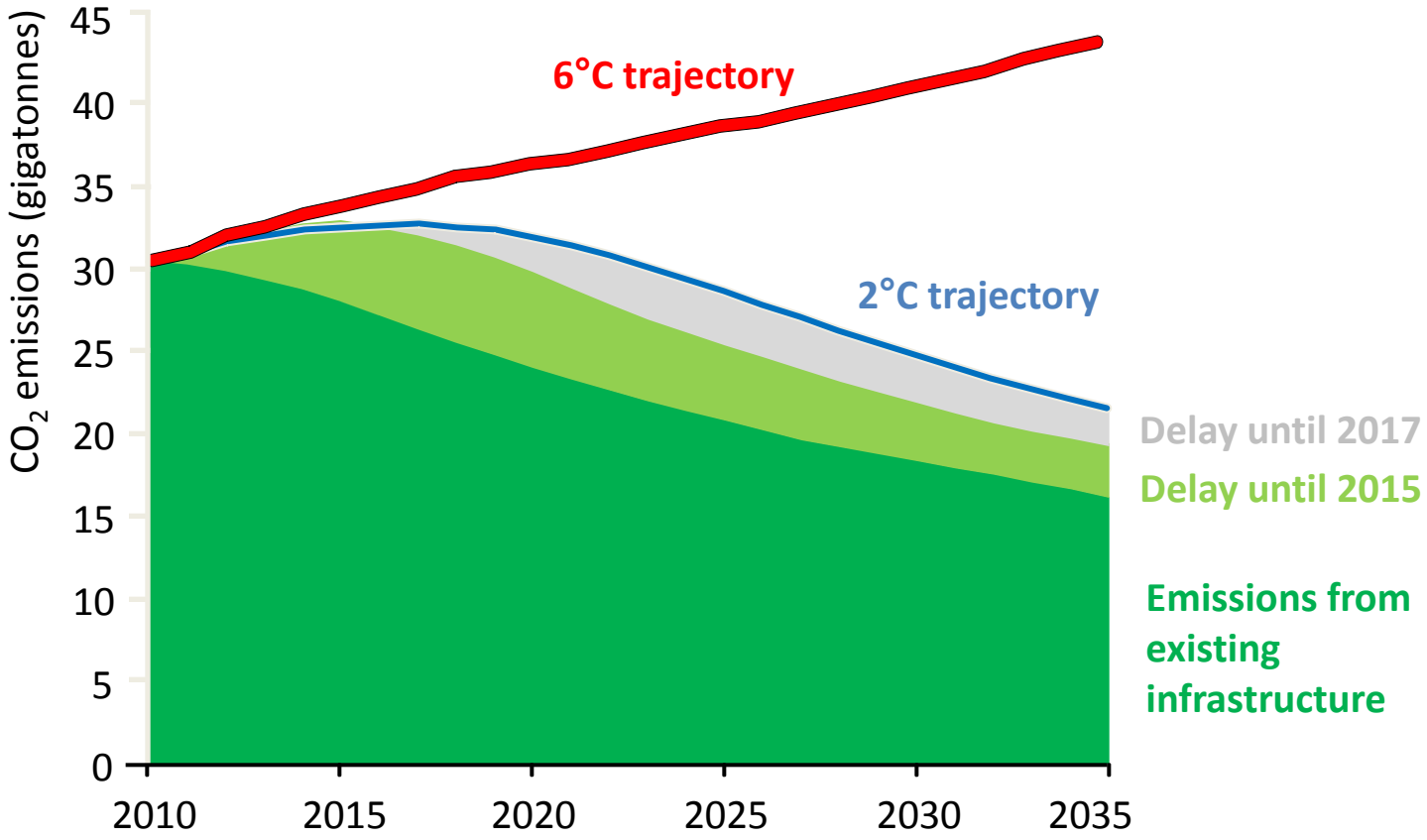
WEO2011: The door to 2°C is closing



Without further action, by 2017 all CO_2 emissions
Permitted in the 450 Scenario will be
"locked-in" by existing power plants, factories, buildings, etc

History + Objectives

INTERNATIONAL LOW-CARBON ENERGY TECHNOLOGY PLATFORM

- Established July 2009 – G8 meeting, L'Aquila
- Operations start October 2010: High level meeting, Paris

Action:	Outcome:
Review progress of the low-carbon energy technology transition	• Identification of gaps • Accelerated and prioritised action
Share best-practice for technology and policy	• Efficient dissemination of best-practice technology, policy, and methodologies
Catalyse technology collaboration initiatives	• Technology strategy and roadmap development and implementation

- Covers all major low carbon energy technologies (inc. EE, PHEVs)
- IEA member and non-member countries, flexibility
- Partnerships with governments, industry, and private sector

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Summary of activity types:

Workshops	• Facilitate workshops to support dialogue, disseminate technology and policy best practice, and catalyse partnerships and activities.
How2Guides	• Develop technology specific guidance for national level policymakers on development and implementation of national technology strategy.
Training	• Construct and disseminate replicable training tools (e.g. based on How2Guides) to support technology and policy best practice implementation.
Roadmap development	• Build on IEA expertise and networks to facilitate the development of regional, national, and sub-national technology strategies
Thematic analysis	• Build on IEA expertise and networks to support the development of in-depth research and analysis on customised technology policy issues.
Gap analysis	• Annually review low carbon energy progress to identify gaps/duplication in international collaboration and prioritise Technology Platform activities accordingly.
International engagement	• Syndicate Technology Platform and IEA experience, expertise, and analysis with international stakeholders, institutions, and processes.

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IEA Technology Platform + Russia

- Russia co-chairs the IEA Technology Platform, Paris, October 2010;
- Dialogue workshop (Power generation), Moscow, September 2011;
- Discussions open on IEA Implementing Agreements 2011- Now;
- Russia attends How2Guide workshop for Smart Grids, March 2012;
- Dialogue workshop (Bioenergy), Moscow, June 2012;
- Training (Roadmap methodologies), Moscow, June 2012;
- Roadmap development (Bioenergy, Efficient Coal), ongoing 2012;
- Russia becomes a How2Guide partner for Bioenergy, June 2012;
- Russia to host a How2Guide workshop in Q1-2 2013;

International partnerships

Global leadership

Catalysing action

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How2Guides

- Develop technology specific guidance for national level policymakers on development and implementation of national technology strategy.

How2Guides:

- ❑ Technology, policy, and methodological guidance for governments
- ❑ Encourage and facilitate the development and implementation of national roadmaps
- ❑ Guidance will be technology specific + geographically neutral

Output:

- ❑ How2Guide publication + H2G training modules
- ❑ How2Guide training + capacity building activities (including train the trainer)
- ❑ Direct/indirect IEA roadmap support for governments

In development or consideration:

- ❑ H2G for Smart Grids in Distribution Networks
- ❑ H2G for Wind Energy
- ❑ H2G for Solar Energy
- ❑ H2G for Bioenergy

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How2Guides

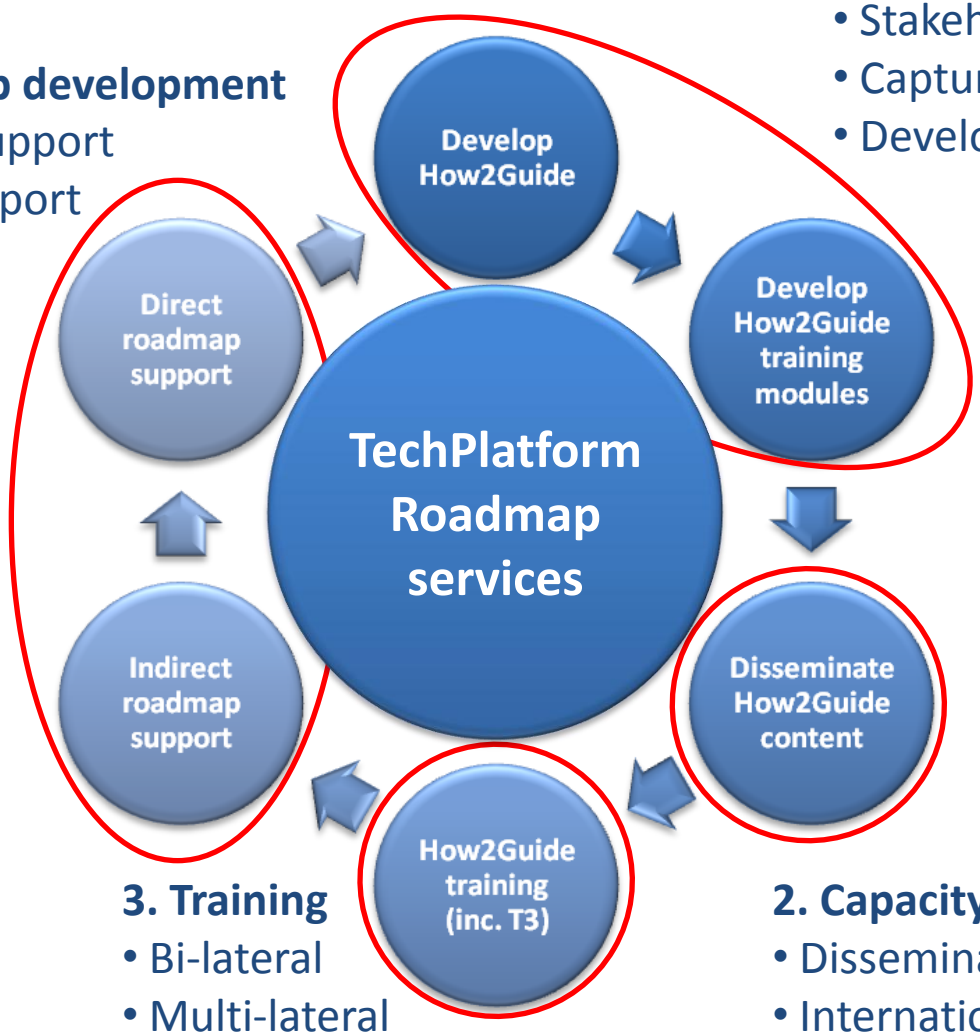
- Develop technology specific guidance for national level policymakers on development and implementation of national technology strategy.

1. How2Guide (H2G)

- Stakeholder engagement
- Capture knowledge
- Develop the tools

4. Roadmap development

- Indirect support
- Direct support



3. Training

- Bi-lateral
- Multi-lateral
- Train The Trainer (T3)

2. Capacity building

- Disseminate H2G content
- International best practice
- Secure commitment

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IEA Technology Platform + Russia

- Russia a valued partner;
- Very active collaboration through the IEA Technology Platform;
- How2Guide partnership on bioenergy to gain from Russian leadership;
- IEA Technology Platform open to future projects opportunities.

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