INTERNATIONAL LOW-CARBON ENERGY TECHNOLOGY PLATFORM

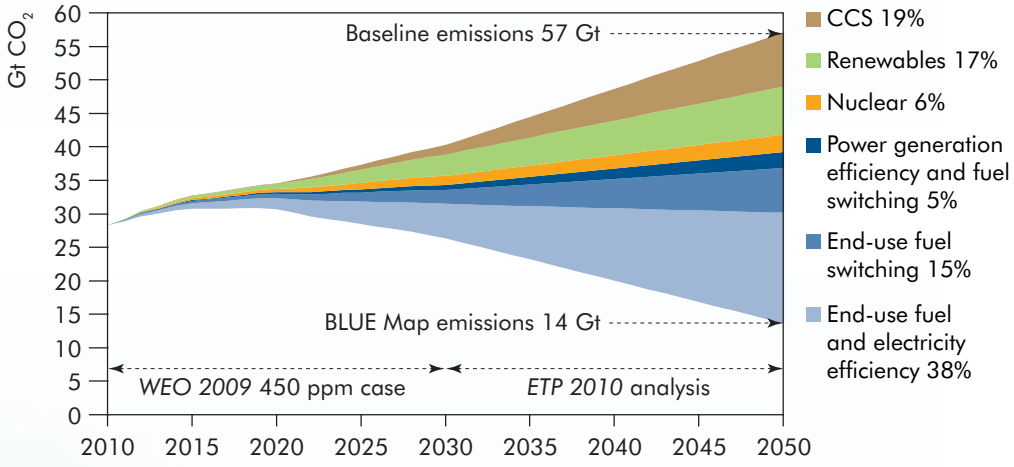
Frequently Asked Questions

International Energy Agency

Why the International Low-Carbon Energy Technology Platform?

The transition towards a low-carbon economy is increasingly urgent. As highlighted in IEA Energy Technology Perspectives 2010, a wide range of technologies will be essential to achieve stable economic growth, energy security and environmental sustainability by 2050 (Figure below).

Annual investments in low-carbon energy technologies averaged approximately USD 165 billion over the last three years. To ensure our energy future IEA analysis suggests that investments in clean technologies will need to reach approximately USD 750 billion per year by 2030, rising to over USD 1.6 trillion per year from 2030 to 2050.



To address these challenges, enhanced international collaboration to support rapid and large scale development and diffusion of low-carbon energy technologies is required.

Created in response to a request from the G8 and IEA Ministers, the **International Low-Carbon Energy Technology Platform** (the Technology Platform) seeks to encourage and accelerate the deployment of low-carbon energy technologies through enhanced international collaboration and leadership.

How does the Technology Platform function?

Inaugurated at the 15 October 2010 High-Level Meeting in Paris, the Technology Platform acts at international, national and regional levels to:

- Bring stakeholders together to initiate activities that enhance the development and implementation of strategies and roadmaps to accelerate the spread of low-carbon energy technologies.
- Share experience on best-practice technologies and policies and build expertise and capacity, facilitating technology transition planning that fosters more efficient and effective technology dissemination.
- Review progress on low-carbon technology deployment to help identify key gaps in low-carbon energy policy and international co-operation and support efforts to address these through relevant international and regional fora.

A bottom-up approach focussing on:

National and regional priorities.

Identifying technology gaps.

Accelerating technology deployment.

What forms do Technology Platform activities take?

- **Country-led workshops to:**
  - identify low-carbon energy technology needs within a specific region or country.
  - assist in developing custom-made low-carbon strategies.
- **Roadmap development and implementation:**
  - at national or regional level.
  - capitalising on IEA methodology and expertise.
- **Linking to other international collaborative efforts, when solicited, to help:**
  - identify key gaps.
  - avoid overlaps of effort, leveraging expertise and resources.
  - contribute to prioritising international action.
- **Assembling technology data and policy information to provide:**
  - a source of analysis of best-practice policies.
  - an overview of low-carbon technology deployment status.
  - models that can be replicated in different countries or regions.

Who can benefit from the Technology Platform?

- National governments.
- Businesses and business organisations.
- Banks, other financial-sector institutions.
- International organisations.
- Technology expertise bodies.
- Society at large.

Benefit from the IEA international networks of:

- **Energy technology expertise and analysis.**
- **Engagement in policy-making processes.**

How to get involved

Participate in Technology Platform activities in a wide variety of ways, such as:

- Working directly with the Technology Platform Secretariat to share ideas and knowledge.
- Hosting national, regional or international meetings to foster wider stakeholder collaboration.
- Participating in existing activities or proposing new ones.
- Providing in-kind or financial support.

Where to find out more

For general information on the Technology Platform and current activities please visit the IEA website page:

www.iea.org/platform.asp

For more specific enquiries please contact:

techplatform@iea.org

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