

ETSAP Regular Workshop

IEA/ETSAP-G8+5 Initiative

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IEA REC **ETSAP** ENERGY TECHNOLOGY SYSTEMS ANALYSIS PROGRAMME

Session Outline

- G8 Gleneagles Communiqué Highlights
- IEA-G8 Plan of Action
- IEA/ETSAP-G8+5 Proposal

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G8 Gleneagles Communiqué - Highlights

- Serious linked changes of Climate Change, Energy and Sustainable Development require urgent action
- Tackling climate change and promoting clean technologies, while pursuing energy security and sustainable development, will require a global concentrated effort over a sustained period
 - ❑ Promote innovation, energy efficiency, conservation, and accelerate deployment of clean technologies
 - ❑ Work with developing countries to enhance private investment and transfer of said technologies
- More attention needs to be paid to adaptation due to the affects of climate change
- IEA/World Bank common initiatives should be developed

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G8 Gleneagles Communiqué – Cooperation by

- the successful launch by the World Bank of work to develop a comprehensive framework for investment in clean energy and sustainable development;
- the analysis of the International Energy Agency on alternative energy strategies and the work programme it has agreed to promote action on energy efficiency and cleaner coal;
- the range of national and international activities undertaken by G8 countries to implement individual commitments in the Plan of Action, and their willingness to explore opportunities to build on this progress, and
- engagement of the “Plus-5” developing countries (Brazil, China, India, Mexico and South Africa).

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IEA-G8 Plan of Action

- “promote innovation, energy efficiency, conservation, improve policy, regulatory and financing frameworks, and accelerate deployment of cleaner technologies, particularly lower-emitting technologies;
- work with developing countries to enhance private investment and transfer of technologies, taking into account their own energy needs and priorities; and
- raise awareness of climate change and our other multiple challenges, and the means of dealing with them; and make available the information which business and consumers need to make better use of energy and reduce emissions”.

IEA-G8 Program of Work

- Tap the skills and expertise embodied in the IEA Implementing Agreements
- Develop workshop and seminar, and other initiatives, to promote efficiency standards, deployment of clean technologies, conservation, etc.
- Partner with the World Bank, who were invited to “take a leadership role in creating a new framework for clean energy and development, including investment and financing”.
- Engage the Plus-5 development countries in IEA activities

IEA/ETSAP-G8+5 Proposal

- Inviting, encouraging and supporting the Plus-Five to participation in ETSAP;
- Beginning an undertaking to dramatically expand the national planning capability in the Plus-Five by assisting the national teams with regionalizing their existing country models, and
- Initiating a major new Annex involving any country with or interested in the ETSAP Tools to foster the wide-spread use of a proven common framework.

IEA/ETSAP-G8+5 MARKAL Institutions

Country	Institutions	Comment
Brazil	Universidade Federal do Rio de Janeiro (Not in active use, but expertise/interest)	Recent request for assistance with MARKAL from the Ministry of Mines and Energy.
China	China Energy Research Institute Environmental Protection Department, Hong Kong GRIEP, Guangzhang Guangdong Energy Economic Research Centre Shanghai Academy of Environmental Sciences Tsinghua University	Two MARKAL User Forums have been held in China in April.
India	Indian Institute of Management, Ahmedabad Reliance Industries Ltd. The Energy Research Institute	Recent request for assistance with MARKAL-MACRO.
Mexico	Instituto Mexicano del Petróleo National University of Mexico	Recent request for access to and training for SAGE.
South Africa	Department of Minerals and Energy Energy Research Centre, University of Cape Town	Existing, ongoing active collaborations with ERC.

IEA/ETSAP-G8+5 Planning

- Identify additional groups who have worked extensively in the Plus-5;
- Identify the key Plus-5 candidate institutions (government, research, university, other);
- Sponsor Plus-5 experts' participation an upcoming ETSAP Meeting, holding a 1-day IEA-G8+5 plenary meeting focused on multi-regional modelling
- Develop this “concept” into a pre-proposal for discussion with the IEA Secretariat and subsequently the World Bank