

ETSAP - ENERGY TECHNOLOGY SYSTEMS ANALYSIS PROGRAMME
An Implementing Agreement of the INTERNATIONAL ENERGY AGENCY – IEA/AIE

DRAFT MINUTES OF THE EXECUTIVE COMMITTEE MEETING

Date: Thursday, June 26, 2003 (14:00 – 17:30)
Location: Gvishiani Room in the Main Schloss, IIASA – Laxenburg, Austria

Country representatives

Mr. Ken Noble	Australia
Ms. Anne Fierens	Belgium
Mr. Hertsel Labib	Canada
Mr. Alfred Voss	Germany
Mr. George Giannakidis	Greece
Mr. GianCarlo Tosato	Italy
Mr. Heesung Shin	Korea
Mr. Koen Smekens	Netherlands
Ms. Johanna Andréasson	Sweden
Mr. Socrates Kypreos	Switzerland
Mr. Tanay Sidki Uyar	Turkey
Mr. Peter Taylor	United Kingdom
Mr. Phillip Tseng (chair)	USA

“Stand-Ins”

Mr. Evasio Lavagno	for Mr. Domenico Rossetti di Valdalbero, European Commission
Mr. Osamu Sato	for Mr. Takashi Yano Japan
Mr. Antti Lehtila	for Ms. Raija Pikku-Pyhalto Finland

Guests

Mr. Markus Blesl	IER, Germany
Mr. Peter Cunz	IEA, End Use Working Party, Chairman
Mr. Carmen Difulio	IEA Secretariat
Mr. Ekrem Ekinci	Istanbul TU, Turkey
Mr. Dolf Gielen	IEA Secretariat
Mr. Gary Goldstein	ETSAP, Primary Systems Coordinator
Mr. John Hollins	ETSAP, Past Chairman
Mr. Mark Howells	Univ. of Cape Town, South Africa
Mr. Richard Loulou	Gerad, Canada
Mr. Sam Morris	ETSAP News, Editor
Mr. Erwin Poenitz	ETSAP, Past Chairman
Mr. Peter Read	Massey Univ., New Zealand
Mr. Uwe Remme	IER, Germany
Mr. Mustafa Tiris	IEA, CERT, Representative of Turkey
Mr. Fridtjof Unander	IEA Secretariat
Ms. Denise Van Regemorter	CES-KULeuven, Belgium

Opening

The Chair, Phillip Tseng, opened the meeting at 14.00.

He welcomed Mr. Erwin Poenitz and Mr. John Hollins, past chairmen of ETSAP.

The Chair introduced Ms. Johanna Andréasson, new ExCo representative of Sweden and the following guests:

- Mr. Mr. Peter Cunz, Chair of the End Use Working Party of the IEA;
- Mr. Mustafa Tiris, Representative of Turkey to the IEA Committee for Energy Research & Technologies;
- Mr. Ekrem Ekinici, professor at the Technical University of Istanbul;
- Mr. John Reed, modelling expert from New Zealand, that is considering joining ETSAP;
- Mr. Mark Howells, modelling expert from the University of Cape Town, South Africa.

1. Quorum Count

A check of countries present with respect to ensuring a proper quorum was taken. This included “stand-ins” nominated by missing representatives whose names were provided to the Project Head prior to the start of the Executive Committee. The Chair declared that a Quorum was present.

2. Agenda

The agenda was adopted without changes, as follows:

1. Quorum Count
 2. Adoption of the agenda
 3. Adoption of the minutes of the Executive Committee held in Torino (October 30, 2002)
 4. IEA/ETSAP Implementing Agreement:
 - 4.1 - *Communications from CERT and End Use Working Party*
 - 4.2 - *Communications from Secretariat*
 - 4.3 - *Report of the Workshop*
 - 4.4 - *Election of the Chairperson*
 - 4.5 - *final financial report of Annex VII OA*
 5. Annex VIII (Exploring Energy Technologies Perspectives):
 - 5.1 - *2002 annual report*
 - 5.2 - *Collaborations*
 - 5.3 - *2003 Budget and Program of Work*
 6. Annex IX (Energy Models Users' Group)
 7. Other business:
 - 7.1 - *Next Workshop: offer of Beijing Oct. 20-24, 2003*
 - 7.2 - *2004 Spring Workshop: join IEW permanently*
- Attachments:
- E1: Draft Minutes of the previous Executive Committee (Torino, October 30, 2002)
 - E2: Final financial report of Annex VII OA

3. Adoption of the Minutes of the Executive Committee held in Torino (October 30, 2002)

The minutes of the previous Executive Committee held in Torino, including text revisions suggested by Mr. Smekens, were adopted. The final minutes incorporating the approved changes are attached (see E1 final).

4. IEA/ETSAP Implementing Agreement

4.1 Communications from the CERT and the End Use Working Party

Mr. Peter Cunz brought to ETSAP the experience of the End Use Working Party. Given large multi-national industries, national boundaries are becoming less important. National R&D organizations appear also less important. It is not enough to be good. ETSAP has a lot of expertise and our analyses offer useful information to a broader range of interests, but little awareness among government officials. Communication needs to be less formal. We need to communicate with ministries beyond those that support our work. To reach a significant level of governmental decision makers with our message we must condense our reports from 100 pages to 10 and ultimately to 1.

Following-up on the issue that we need more visibility and greater outreach beyond our current funding organizations, there was discussion of producing a brochure or an issue of the newsletter focusing on success stories and the capabilities within ETSAP. This booklet or glossy brochure should be written in a language policy makers can understand and made available to a larger audience. The Operating Agent was requested to present ideas. Representatives were requested to supply success stories.

4.2 Communications from the Secretariat

Mr. Carmen Difiglio and Mr. Fridtjof Unander discussed recent IEA activities from the Ministerial meeting in April. The main topics were energy security, technology investments, hydrogen, sustainable development, energy in the face of climate change, highlighting implementation problems.

Mr. Difiglio discussed the hydrogen coordination group. Hydrogen systems technologies are now reviewed. The coordinating group recommends to identify what analytical information is needed and to add annexes or activities when needed. Mr. Tseng (Chair) responded that present ETSAP tools could be used, and special improvements might be considered.

Mr. Unander presented the new framework on how to organize new implementing agreements. The object of the review is to strengthen interactions between the research undertaken and the results. The guiding principle is to reduce the administrative burden, and to simplify the participation for Non-Member Countries and private industries. Sponsorships are now permitted.

Furthermore the Secretariat has upgraded the home page for implementing agreements. In order to update directly the information related to our Implementing Agreement passwords will be made available.

4.3 Report of the Workshop

Most representatives thought that having a joint meeting with the International Energy Workshop was a good idea. Several thanked IIASA for the organization of the joint meeting and Mr. Tosato for getting so many ETSAP members to participate.

4.4 Election of the Chairperson

The office of chairman was opened for vote. Mr. Osamu Sato nominated Mr. Phillip Tseng. Mr. Alfred Voss seconded the nomination. Mr. Tseng was re-elected as chairman.

Mr. Peter Taylor and Mr. Takashi Yano were elected vice-chairs.

4.5 Final financial report of Annex VII OA

Mr. Smekens provided a final financial overview and the details that had been asked for at the previous meeting. The final deficit was 1954 € (see attachment E2). As had been agreed at the previous meeting ECN will be paid from current ETSAP funds to cover said shortfall.

5. Annex VIII: Exploring Energy Technologies Perspectives

5.1 2002 annual report

The project head, Mr. Tosato, reported briefly on events and achievements of ETSAP Annex VIII so far. The activities have been slowed down by the delay of the approval of the Annex and the payment of the 2002 fees. Till May 2003, 11 contracting parties expressed their intention to participate to Annex VIII and 5 paid their dues. A summary budget for 2002 was distributed and illustrated (see Attachment E3). Since the financial rules of the "Politecnico di Torino" allow committing only the part of the budget that has been actually received, the following contracts have been awarded so far:

- ABARE, that provided the new version of the MARKAL shell (ANSWER5);
- DecisionWare, that provided in 2002 the service of Primary Software Coordinator;
- KanORS, that continued the development of VEDA and implemented the new ETSAP web site, and
- Sam Morris has prepared two issues of the ETSAP Newsletter.

Furthermore the Operating Agent has sent to the IEA secretariat the summary page requested for the publication "02/03 Highlights of Implementing Agreements", and ETSAP publications / information materials for the IEA gathering, held at the end of April 2003. As elaborated in 5.2, below, the Operating Agent, engaging various ETSAP partners, has collaborated with several externally financed projects, under the direct responsibility of the IEA secretariat or the Contracting Parties.

5.2 Collaborations

ETSAP and its experts have cooperated to the development by the Energy Technology Policy Division of the IEA secretariat in Paris of the *Energy Technology Perspective* Project (ETP), which makes use of ETSAP tools, with special budget allocations. A recent presentation of the ETP project to the Committee for Energy Research and Technologies received positive reactions from the delegates. The first version of ETP is working. Solutions of this over half a million equations model are calculated in less than a hour. The supply side data has been updated. Storage and hydrogen were included. The demand side of the model is undergoing a serious reconstruction. Work will continue into the fall and into next year. Since the success of the project is of the highest priority for Annex VIII, further direct cooperation is foreseen.

ETSAP and its experts are cooperating with the US Department of Energy's Energy Information Administration to develop the *System to Analyze Global Energy markets* (SAGE). The 2003 issue of the International Energy Outlook is largely based upon SAGE analyses and results. The first four chapters of model documentation were completed in draft. Regional models and documentation are to be distributed to ETSAP partners in the summer for review and comment. Main cooperation topics are: code and shell refinement, documentation, regional models refinement and independent experts review.

ETSAP, several of its Contracting Parties and associated institutes are cooperating with other organizations to propose the *New Energy Externalities Development for Sustainability* Project (NEEDS) to the 6th Framework Research Program launched by the European Commission for the years 2003-6. The ultimate objective of NEEDS (4 years, about 1000 persons-month) is to evaluate the full costs and benefits (i.e. direct + external) of energy policies and of future energy systems, both at the level of individual countries and for the enlarged EU as a whole. ETSAP experts will contribute to the development of a consistent and robust analytical platform allowing to integrate the full range of information and data on Life Cycle Assessment and external costs (with ExternE methodology) into a Pan-European modelling framework based upon ETSAP tools, and to build scenarios of future energy equilibria that must also reflect the foreseeable evolution of energy supply and technology uptake.

On behalf of ETSAP the Operating Agent participated in the ASEAN-Australia Regional MARKAL Users' Group (AAMRUG) meeting, and a workshop for the countries of Central America organized by Brookhaven National Laboratory (whose activities have been reported in the previous ExCo).

5.3 2003 Budget and Program of Work

Mr. Tosato outlines some proposals to allocate the positive balance of the 2002 budget (see Attachment E3, which has been distributed at the meeting) to ongoing ETSAP tasks. Some delegates suggest that the budget be more descriptive of what is to be done, indicating that a better description of the aims of each activity would allow representatives to better set priorities. To address this request it is suggested to improve the effectiveness of information and how it is diffused. Among the priority items identified were to:

- improve the web site;
- complete the documentation of MARKAL (begun as part of the EIA-SAGE initiative);
- offer training course on TIMES;
- organize workshops for migrating MARKAL models into TIMES;
- prepare a MARKAL “success stories” newsletter and/or brochure;
- increase in budget for models and software, and
- continue support for ETP, for instance offering the review of some regional model.

As was requested, at the next ExCo the project head will present a more detailed report on activities, a plan of activities to achieve the goals of Annex VIII, and a more detailed budget.

6. Annex IX: Energy Models Users’ Group

Letters of intent to participate have not been received so far by the Executive Director of IEA.

7. Other business

7.1 Autumn 2003 Workshop

The Executive Committee, following the suggestion of the IEA secretariat, accepted the invitation of the State Development Planning Commission of China (Energy Economics & Development Strategy Center, Energy Research Institute) to hold the next Workshop in Beijing in the week 20-24 October 2003.

7.2 Spring 2004 Workshop

The Executive Committee expressed interest in organizing the Spring 2004 meeting again jointly with the International Energy Workshop. If too many abstracts are submitted to the next joint workshop, it has been suggested to carry out a more selective review process and submit a more controlled number of ETSAP partner presentations.

The Executive Committee Meeting ended at 17:30.