

INTERNATIONAL ENERGY AGENCY  
ENERGY TECHNOLOGY SYSTEMS ANALYSIS PROGRAMME

Petten, August 2001

MINUTES OF THE EXECUTIVE COMMITTEE MEETING, 18 October 2000

**Location:** ABB Corporate Research Center  
Dätwill (Baden)  
Switzerland

**Country representatives:**

Mr. Ken Noble	Australia
Mr. Hertsel Labib	Canada
Mr. Eero Tamminen (for Mr. Pirilä)	Finland
Mr. Christoph Schlenzig (for Mr. Voss)	Germany
Mr. Markos Damassiotis	Greece
Mr. GianCarlo Tosato	Italy
Mr. Osamu Sato (for Mr. Ishigami)	Japan
Mr. Heesung Shin	Korea
Mr. Koen Smekens	Netherlands
Mr. Leif Alm	Norway
Mr. Socrates Kypreos	Switzerland
Mr. Tanay Sidki Uyar	Turkey
Mr. Phillip Tseng (chairman)	USA

**Guests:**

Mr. Gary Goldstein, DWI, USA  
Mr. Douglas Hill, USA  
Mr. Jongchul Hong, KIER, Korea  
Mr. Uwe Remme, IER Stuttgart, Germany  
Ms. Anna Krook, Chalmers University, Sweden  
Mr. Fridtjof Unander, IEA Secretariat  
Mr. Tom Kram, Project Head, Operating Agent

## Opening

The Chair, Phillip Tseng, opens the meeting at 14h15 and thanks PSI and ABB for organizing and hosting the joint CETP-ETSAP meeting and the ETSAP workshop; and the participants for attending the meeting.

## 1. Agenda

The agenda was adopted as presented:

1. Adoption of the Agenda
2. Adoption of the Minutes of the Meeting of May 19, 2000
  - Business Arising
3. Annex VI
  - Publication Plan
4. Annex VII
  - Participation
  - Report on 4<sup>th</sup> Workshop
  - Financial Arrangements
  - Programme of Work
  - Contributions to other projects
5. New Tasks and Annexes
  - Cooperation with EIA on Global MED/TIMES
  - Local Planning
  - Continuation after 2001
6. Other business
  - Next Meeting(s)

## 2. Adoption of the Minutes of the Meeting of May 19,2000

There were two minor textual changes to the text of the minutes, as proposed by Japan and the IEA. The corrected version of the minutes is enclosed as attachment.

### *Business Arising*

The IEA reiterated their need for the confirmation letters from participants to this Annex. The OA prepared a draft format for such a letter that was handed over to the representatives present at this Executive Committee meeting. The IEA and the OA will check the list of signatories to which this letter will be sent. To update on institutes or organisations which were signatories but who ceased to exist, national contacts will be approached.

As the IEA Secretariat stresses the formalities within their IA's, it will not be possible for ETSAP to continue with the "good will" attitude towards "sleeping members" that characterises this IA. Member countries not participating in any current Annex of the IA now remain invited, but the IEA does not approve this. In principle, countries that are not participating in one of the current Annexes of an IA - a problem as such for ETSAP with consecutive and no parallel annexes - are expected to withdraw from the IA itself. This means that if they want to participate once again in an Annex, they have to complete the official formalities to re-enter the IA.

An option is to use the provision that an Executive Committee of an IA can decide to allow a participant to be dormant, if this is mentioned explicitly in the minutes. The IEA has one reservation for using this clause, that is it should be mentioned how long the dormant period may last and it should only be used for participants who are expected to become active member in the foreseeable future.

To settle this issue to everyone's satisfaction, the following was agreed and decided: All known present and past participants to an ETSAP Annex will receive a reminder letter, announcing the start of Annex VIII in 2002 (and possibly other parallel Annexes) and inviting them to participate in the Annexes. By the end of Annex VIII, the ETSAP Executive Committee will then review the situation and decide how to act on countries that have not replied or joined a new Annex.

### **3. Annex VI**

#### *Publication Plan*

Several initiatives were announced in the previous meetings. With regard to the article on the TIMES model, Giancarlo Tosato informs that he has seen a first draft of Richard Loulou's article. However, his current work for IPCC may delay the finalisation. Phil Tseng informed that the article for CTI is postponed till the next edition of their handbook. A new initiative is reported from Italy: an article titled "Why TIMES" by Daniela Scaramuccia.

### **4. Annex VII**

#### *Participation*

A new participant, Greece, is welcomed at the meeting. This brings the number of participants in Annex VII to 15 for the current year.

Norway advised it will probably have to step out of the current Annex due to budgetary restrictions. In light of clarifications given at the meeting and the proposed settlement for dormant participants, they may possibly revise their position.

#### *Report on 4th Workshop*

Phillip Tseng thanks ABB and PSI for organising and hosting the joint CETP-ETSAP workshop on Monday October 16. It was an interesting exchange of information on the activities of both groups.

The ETSAP workshop focused on the new modelling and software developments that give the global modelling undertaking more and more body and progress.

### *Financial Arrangements*

The OA presented the final balance for 1999 and the current situation on the 2000 budget. Prospects are looking good and will remain so for the remainder of the Annex. A re-allocation of some budget items may be necessary to finalise timely agreed items of the programme of work. A consistency check between the draft budget proposal and the financial report will clarify the R&D fund status. Anticipating the transition to the Euro, the next budget information will be in € and no longer in NLG. Invoices for 2001 will still be sent in Dutch Guilders.

### *Programme of Work*

Several actions are underway or should be undertaken:

- Software development: where does ETSAP want to go on the longer term? An intermediate ANSWER-TIMES shell for expert use was presented at this workshop, but the road for future TIMES modelling is undecided. Several groups will continue initial work and present that at the next meeting, where informed decisions can then be made.
- Data repository: what, how and who; and collaboration with EIA?
- CoP6: ETSAP presentation or side event in collaboration with IEA/CTI?
- Annex VII report: format and ways of dissemination?
- Global modelling efforts: results of GERAD and PSI efforts to be expected according to plan during Annex VII
- The PSI financed work on advanced NLP solver development (NLPHOPDM) is on track and shows very promising results.

### *Contribution to other projects*

Tom Kram presents the list of ongoing projects in which ETSAP or members participate:

- EMF-19: ECN
- IPCC-TAR: GERAD
- IPCC-SRES: finalised, report available, scenarios can be found on:  
<http://SRES.CIESIN.ORG>
- EXCETP: not much progress except for wind and PV, further collaboration by ETSAP under heavy constraints, more information on <http://www.iea.org>
- ACROPOLIS: joint EU-IEA modelling forum, not yet started. Probably once underway ideal candidate to have joint workshop with.
- EDEN (Energy Data Exchange Network): German initiative (IER) to compile technology data from TEEM, SAPIENT and other scenario studies together with modelling results (similar to their FORUM).

## **5. New tasks and Annexes**

### *Cooperation with EIA on Global MED/TIMES*

ABARE and Gary Goldstein are supporting EIA to set up their multiregion global MARKAL model under ANSWER. Further ETSAP support will be given by Giancarlo Tosato as model expert and ECN is asked to (organise a) review of initial results. By the end of next year the results and outcome of this undertaking, fully financed by EIA, will be available for all ETSAP participants. EIA also had a proposal for Gary Goldstein to provide a complete set of documentation on MARKAL.

### *Times Analyst/VEDA*

Haloa is progressing on their analyst system for TIMES, probably becoming available the coming months and now renamed to VEDA.

### *Local Planning*

The ideas on combining ETSAP with the Local Energy Planning still need to be put on paper. This could open the modelling activities more towards large urban or urbanising regions in developing countries like China. Probably this collaboration could become a new, complementary and parallel, Annex to ETSAP, on a task sharing basis. Further discussion is to be taken up at the next Executive Committee meeting.

### *Continuation after 2001*

Primary focus is on the upcoming, cost-sharing Annex VIII and its contents. Several ideas were launched:

- the recent oil price developments showed that there will be a renewed interest in energy security;
- the impact of reasonable priced fuel on sustainable economic growth;
- technology development priority setting based on ETL;
- analysis of national policies and measures;
- further analysis of climate change issues like CDM;
- outreach activities to “economies of scale”;
- end user analysis for green electricity, burden sharing, ....

The main result of the next Annex could be a Global Technology Overview (GTO; or World Energy technology Overview: WETO), a pilot for a possible regularly repeated publication from ETSAP. This implies that the collaboration and data exchange with the other IEA IAs should be strengthened. This may hamper the timely delivery of the GTO and therefore it was suggested to publish first as ETSAP document and than integrate comments received from the other IAs and see if the IEA secretariat joins this undertaking. In order to get support by the CERT a 1-2 page paper on possible activities would be instrumental. At the next Executive Committee meeting, the plans for Annex VIII will be further developed.

## **6. Other business**

### *Next meeting(s)*

On behalf of local organisations, Giancarlo Tosato kindly proposes to hold the next workshop in Venice, Italy. The initially proposed dates of 23-27 April were later changed to 14-17 May 2001. There will be a joint half-day meeting with the Kyoto Club, an industrial group in Venice with voluntary environmental agreements with the Ministry.

The Chair closes the meeting at 16h30.

### Attachments:

- Minutes, May 2000
- Financial Report 1999