

INTERNATIONAL ENERGY AGENCY
ENERGY TECHNOLOGY SYSTEMS ANALYSIS PROGRAMME
ANNEX V: ENERGY OPTIONS FOR SUSTAINABLE DEVELOPMENT

Petten, 28 March 1995

**DRAFT MINUTES OF THE EXECUTIVE COMMITTEE MEETING,
8 SEPTEMBER 1994**

Location: The Banff Centre for Management, Banff, Alberta, Canada

Country representatives:

Canada	Mr. John G. Hollins (chairman)
Belgium	Mr. Gilbert Lissens (for Mrs. Vanderstraeten)
Italy	Mr. Giancarlo Tosato
Japan	Mr. Kan Imai (vice-chairman)
Netherlands	Mr. Tom Kram (for Mr. H.J.M. Snoep)
Norway	Mr. Arild Ek
Sweden	Mr. Tomas Larsson (for Mr. Staffan Haekansson)
United States	Mr. Sam Morris (for Mr. E. R. Williams)

Germany, Switzerland, the U.K. and the CEU were not represented.

Guests:

Mr. Sam Flaim, IEA Secretariat
Mrs. Helene Connor-Lajambe, OECD, France
Mr. Andrew Dixon, ABARE, Australia
Mr. Olev Liik, Talinn University, Estonia
Mr. Hiroyuki Osawa, STA, Japan
Mr. Osamu Sato, JAERI, Japan
Mr. Alain Haurie, Univ. of Geneva, Switzerland
Mr. Jau-inn Huang, ERL/ITRI, Taiwan
Mrs. Yu-Hua Chu, ERL/ITRI, Taiwan
Mr. Tanay Sidki Uyar, Turkey
Mr. Gary Goldstein, BNL, U.S.A.
Mr. Douglas Hill, U.S.A.

Opening

1. Adoption of the Agenda

The agenda was adopted as presented.

2. Minutes

The minutes of the meeting held in Petten on 15 April 1994 were adopted with minor typographical corrections (final minutes enclosed).

Business Arising

South Africa

The Committee took note of a letter from Mr. Ishii of the IEA Secretariat dated 26th August 1994, which provided guidelines and model letters for Associate Participation in Implementing Agreements.

The Committee invited the Chairman to send a letter to the Director of the Office of Energy Technology on its behalf to confirm the decision made at the Petten meeting to invite South Africa to join ETSAP. The Operating Agent will endeavour to identify the appropriate South African authority to whom the invitation should be sent. The Operating Agent will also notify ESKOM.

3. Annex V

Programme of Work

Final Report

A preliminary discussion on the nature of the final report led to agreement that the work in Annex V is more heavily related to ongoing development of the models than was the case in Annex IV, which used established versions of MARKAL to synthesize consistent results for almost all the participants. No attempt will be made to specifically update the synthesis made in the Annex *N* with MARKAL, but it was anticipated that it will be possible to make comparative assessments with MARKAL-MACRO for at least five countries.

The final report for Annex V will also likely include a number of other discrete sections dealing with a variety of topics. There was general agreement that the issues of greatest interest to policy makers to which Annex V may contribute are comparisons between countries and joint implementation. It was also recognized that a significant strength of the work conducted under the auspices of ETSAP is the data that have been assembled and maintained. This should also be featured in the final report.

Presentation

Mr. Kan Imai proposed that ETSAP should make a presentation to the CERT. The Chair observed that this would be consistent with the strategic direction established at the Petten meeting and the subsequent presentations made by the Operating Agent and the Chair to the Working Party on End-Use Technologies. Mr. Sam Flaim supported this proposal.

The Chair noted that it would be necessary to make ETSAP's interest in making a presentation known to the CERT. The Committee accepted the kind offers of the Japanese delegate and the IEA Secretariat to use their good offices to seek an appointment with the CERT. It was agreed that the earliest practical opportunity to make a presentation would be the Spring, 1995 meeting of the CERT.

The Committee agreed that it would be timely to present a short briefing note on ETSAP to the IEA and OECD now. An offer made by Mr. Flaim to draft and circulate a briefing note was accepted with appreciation. The briefing note will focus on the rich technological characterizations available through ETSAP, the consistency of methodology that allows comparisons between countries and examination of joint implementation, and the potential to assess the effectiveness of measures to stabilize or reduce emissions.

In addition to seeking an opportunity to address the CERT, the Committee felt that a logical subsequent step would be a presentation to the SLT or the OECD Environment Policy Committee.

Marketing

The Chair circulated a proposal that he had drafted for international marketing of ETSAP to policy people and decision-makers concerned with discussions and negotiations on climate change. He invited members to reflect on the need and to find ways of meeting it, perhaps starting with the production of an ETSAP Prospectus and the establishment of a marketing fund.

Participation

OECD Members

The Committee was pleased to have two Australian guests at the Banff Workshop and Executive Committee meeting, and looked forward to early renewed participation by Australia in ETSAP. The Committee was also pleased to have a guest from Turkey and invited the Chair and Operating Agent to develop our mutual interests.

The Committee was advised that Dr. Richard Bradley has taken over responsibility for the ETSAP file at US DOE. It was agreed that an opportunity should be sought to brief him on the status and plans of ETSAP.

Associate Members

In addition to completing the arrangements for South Africa, noted above (Minute 2), the Committee noted some interest on the part of South Korea in ETSAP. The US participant will have an opportunity shortly to explore this interest further.

Although Taiwan is interested in Associate Membership in ETSAP, some members were not prepared to issue an invitation.

4th Workshop

The Committee thanked the host for the arrangements made for the Banff Workshop and was pleased that so many Canadians with related interests had taken the opportunity to attend.

Strategic Plan

It was agreed that the Operating Agent would revise the draft Strategic Plan, using the discussions at the Workshop. A revised Plan will be circulated before the next meeting.

4. Preliminary Ideas for Annex VI

Initial ideas offered for Annex VI included:

- joint implementation, building on MARKAL, MARKAL-MACRO, and M-M- TRADE;
- at a minimum, ETSAP could develop default values for some non-member countries;
- "adoption" of a non-member country by each ETSAP participant, with particular reference to the countries that will drive CO₂ emissions;
- promotion of linked models, including flows of materials;
- assessment and evaluation of technologies;
- life-cycle assessment;
- policy simulations of cooperative and independent reduction of emissions.

5. Other Business

Next Meetings

Sweden

The Committee was pleased to learn that the Swedish ETSAP Reference Group has made arrangements for the next ETSAP Workshop and Executive Committee meeting to be held at Chalmers University, Gothenburg from May 5 to May 12, 1995.

Japan

The offer of the Japanese delegates to hold the following Workshop and meeting at Kansei Science City, near Kyoto, immediately after the World Energy Congress, from October 16 to October 19, 1995, was also accepted with appreciation.

Expert Group

The Operating Agent reported that Jan van Rensbergen represented ETSAP at a meeting of the CERT's Expert Group on Energy Technology Assessment and Energy R&D Priority Setting that was held on September 7 in the Netherlands. Reflecting the intention to link the work of the Experts Group to existing activities, ETSAP will be invited to attend the next meeting of the Expert Group, either April 3 & 4, or April 4 & 5, 1995.