

ETSAP - ENERGY TECHNOLOGY SYSTEMS ANALYSIS PROGRAMME

Implementing Agreement of the INTERNATIONAL ENERGY AGENCY – IEA/AIE

*MINUTES OF THE 61st EXECUTIVE COMMITTEE MEETING
held on Saturday, June 23 (9.30 – 13.00), 2012, at the
Energy Research Centre, University of Cape Town, South Africa.*

Table 1: Participants

N.	Country	Contracting Party	Delegate	Attended	Stand-ins
1	Belgium	BELSPO	Mrs. Anne FIERENS, Vice-chair	Yes	
2	Canada	NRCan	Mr. Hertsel LABIB,	No	
3	Denmark	DEA	Mr. Aksel Laurids BECK	Yes	Mr. Kenneth Karlsson
4	EC	JRC Petten	Mr. Arnaud MERCIER	Yes	Mr. Brian O'Gallachoir
5	Finland	VTT/TEKES	Mrs. Pia SALOKOSKI	Yes	Ms Eva Rosenberg
6	France	ADEME/EDMP/ DGEMPEDAD	Mr. Jean Marie BOUCHEREAU	Yes	Mr. Gilles Guerassimoff
7	Germany	IER	Mr. Alfred VOSS, Vice-chair	Yes	Mr. Markus Blesl
8	Greece	CRES	Mr. George GIANNAKIDIS, OA	Yes	
9	Italy	CNR/IMAA <u>ENEA</u>	Mr. Vincenzo LAPENNA Mr. Umberto CIORBA	Yes	Mr. Giancarlo Tosato
10	Ireland	SEAI	Mr. Brian Ó GALLACHÓIR, Chair	Yes	
11	Japan	Government		No	
12	Korea	KEMCO	Mr. Kim Hoi Cheol	Yes	Mr Hong Souk, Shim
13	Netherlands	ECN	Mr. Marc LONDO	Yes	Ms Hilke Rossler
14	Norway	IFE	Ms. Kari Aamodt Espegren	Yes	Ms Eva Rosenberg
15	Russian Fed.	ERI-RAS	Mr. Sergey FILIPPOV	No	
16	Spain	CIEMAT	Ms. Helena CABAL	Yes	
17	Sweden	STEM	Mr. Klaus HAMMES	Yes	Mr. Kenneth Karlsson
18	Switzerland	PSI	Mr. Hal TURTON	No	
19	UK	DECC	Mr. Sanchia Bailey	Yes	Mr. Gabriel Anandarajah
20	US	DOE	Mr. Carmine DI FIGLIO	No	

Officers:

Mr. GianCarlo Tosato,	ETSAP, Project Head, ASATREM srl, Italy
Mr. Gary Goldstein	ETSAP, Liaison Officer, GAMS, MARKAL, DWI, US
Mr. Ken Noble	ETSAP, ANSWER Developer, Noble-Soft Systems, Australia
Mr. Maurizio Gargiulo	ETSAP, TIMES training, E4SMA, Italy

Guests:

Prof. Eiichi Endo	AIST, Japan	Mr. Lee	KEMCO, Korea
Mrs. Peggy Mischke	DTU, Denmark		

Table 2: Agenda

No.	ITEM	DOCS
1	Quorum Count	
2	Adoption of the agenda	
3	Minutes of the 60th Executive Committee (for the record).....	W1
4	IEA-ETSAP Implementing Agreement (30')	
4.1	<i>Communication from the Secretariat</i>	
4.2	<i>ETSAP Balance Sheet for 2011.....</i>	W2
4.3	<i>ETSAP Financial Audit for 2011</i>	W3
4.4	<i>Distribution of the MARKAL-TIMES codes, improvement of the Letter of Agreement.....</i>	W4
4.5	<i>ETSAP-TIAM to the European Fusion Development Agreement (EFDA-EURATOM).....</i>	W5
5	Annex XI (2008-2011): Joint studies for new and mitigated energy systems (5')	
5.1	<i>Printed reports of the Annex XI:</i>	
6	Annex XII (2011-2013): Policy Analysis Tools for Global Sustainability (PAT-SUS) (120')	
6.1	<i>Progress Report</i>	
6.2	<i>Project Proposals.....</i>	W6
	Coffee Break	
6.3	<i>Draft budget for 2012: discussion on proposals and adoption.....</i>	W7
6.4	<i>Increasing ETSAP incomes.....</i>	W8
7	Other business (10')	
7.1	<i>Election of a Chairperson</i>	
7.2	<i>Proposal for next workshop and ExCo meeting: Lisbon, December 10-11, 2012</i>	
7.3	<i>Successive meetings</i>	
7.4	<i>Others</i>	
Annexes		
W1	<i>Minutes of the 60th ExCo meeting, held in Athens, Tuesday, November 8, 2011</i>	
W2	<i>ETSAP Balance Sheet for 2011</i>	
W3	<i>ETSAP Financial Audit for 2011</i>	
W4	<i>Distribution of the MARKAL-TIMES codes, improvement of the Letter of Agreement</i>	
W5	<i>ETSAP-TIAM to the European Fusion Development Agreement (EFDA-EURATOM)</i>	
W6	<i>Project Proposals</i>	
W7	<i>Draft budget for 2012</i>	
W8	<i>Increasing ETSAP incomes</i>	

Opening

The Chair, Mr. Brian Ó Gallachóir, opened the meeting at 09:30, thanking ERC, UCT for hosting the meeting.

1. Quorum Count

ETSAP has 20 Contracting Parties (CP), the quorum is 11. Four delegates attended in person and eleven CP through their stand-ins (see above, Table 1). A quorum was present.

2. Adoption of the agenda

The Chair made a brief introduction, referring to the opportunity to improve the international positioning of ETSAP using i) the final report of Annex XI and ii) the Technology Datasheets. These outputs can be utilised to reinforce the message regarding the value of the ETSAP activities.

The Chair presented the agenda of the ExCo meeting. The agenda was adopted without changes (see above, Table 2).

3. Minutes of the 60th Executive Committee – for the record (Attachment W1)

The minutes of the 60th Executive Committee were distributed to the CPs after the 60th meeting, comments were received and incorporated and the final version was adopted in December 2011. The Operating Agent explained that this procedure will be followed from now on in order to provide the authorisation to the OA to proceed with the implementation of the decisions of the ExCo.

4. IEA-ETSAP Implementing Agreement

4.1 Communication from the Secretariat (Attachment W2a)

Mr. Remme presented a brief communication from the Secretariat. ETSAP together with ETDE (Energy Technology Data Exchange) was asked to report directly to the Committee on Energy Research and Technology (CERT) instead of the Working Party on End-Use Technologies (EUWP), as “cross-cutting” Implementing Agreements. The EUWP meeting was taking place in Stockholm the same week as the ETSAP meetings. Mr Remme will provide an update of the outcome of this meeting. The next meeting of the EUWP will be in September during which the final decision for the change in the reporting procedures will take place. The Chair commented that this change in reporting means that ETSAP will be reporting directly to a higher level within IEA, which can increase the visibility of ETSAP’s work within the IEA.

4.2 ETSAP Balance Sheet for 2011 (Attachment W2)

Following the decision of the 59th ExCo a financial balance sheet for 2011 was created. The balance sheet was approved by the delegates.

4.3 ETSAP Financial Audit for 2011(Attachment W3)

The Financial audit for 2011 was presented and approved by the delegates. According to the IA text, a financial audit, by auditors selected by the ExCo, should be submitted by the Operating Agent to the ExCo on an annual basis. The delegates discussed the issue and decided to appoint CRES’s financial accountants to produce the annual balance sheet of ETSAP.

4.4 Distribution of the MARKAL-TIMES codes, improvement of the Letter of Agreement (Attachment W4)

ANNEX XII: Policy Analyses Tools for Global Sustainability

The Chair presented the proposal for the updated LoA for the ETSAP tools that was formulated in conjunction with IEA legal counsel. The proposal aims at ensuring that the tools aren't commercially exploited without ETSAP's prior consent.

There were a number of concerns from Ken Noble and Gary Goldstein on the proposal with respect to the use of VEDA and ANSWER with the MARKAL/TIMES code. The delegates decided that the new clause 11 of attachment W4 does not apply to Noble-Soft Systems and KanORS-EMR. The new version of the LoA was adopted by the delegates.

4.5 *ETSAP-TIAM to the European Fusion Development Agreement (EFDA-EURATOM) (Attachment W5 and new attachment W5a)*

The Operating Agent presented the reply of the IEA legal counsel on the request of EFDA to use ETSAP-TIAM. According to this reply (attachment W5) EFDA is eligible to use ETSAP-TIAM since the Contracting Party is the Commission of the European Communities, which also represents EURATOM and therefore EFDA. The ExCo members discussed the possibility of collaborating with EFDA towards the improvement of both ETSAP-TIAM and EFDA-TIMES. The Operating Agent informed the delegates that discussions are underway with the team working at the EC JRC IET Petten about possible collaborations with the SET plan technology map for completing and improving E-TechDS. The delegates welcomed this opportunity.

The delegates decided that the Contracting Parties can nominate end-user Institutes will be permitted access to the model, but that these Institutes should sign the ETSAP-TIAM Letter of Agreement. Attachment W5a presents the new version of the LoA.

The delegates discussed the issue of how many copies of ETSAP-TIAM can a contracting party have, and whether there should be a fee for more copies. The delegates decided that for the current period, there should not be a limit to the number of copies.

5. **Annex XI (2008-2010): Joint studies for new and mitigated energy systems**

5.1 *Printed Reports of Annex XI*

Mr Giannakidis announced that the printed copies of the Final report of Annex XI are ready and will be sent by mail to the Contracting Parties and related Institutes.

6. **Annex XII (2011-2013): Policy Analysis Tools for Global Sustainability (PAT-SUS)**

6.1 *Progress Reports (Attachments W9)*

Mr Giannakidis presented briefly the status and the list of deliverables of the projects that are funded by ETSAP. The presentation can be found in attachment W9. Mr Giannakidis suggested that all the project reports will be uploaded to the ETSAP website and will be publicly available. The delegates approved the proposal.

6.2 *Project Proposals (Attachment W6 and Attachment W10)*

The Chair presented the list of proposals that were submitted after the call issued in the 59th ExCo meeting. Since the budget requested by the project proposals is higher than the available funds the Chair suggested ranking the proposals, based on quality, value for money, alignment with the Annex XII work plan, number of ETSAP CPs involved and on benefits to the ETSAP community. The delegates agreed that as funding becomes available the projects will be contracted by the Operating Agent in accordance with the agreed ranking order. An initial ranking of the proposals by the Project Head, Operating Agent, and the Chair was

ANNEX XII: Policy Analyses Tools for Global Sustainability

presented to the delegates. The delegates ranked the proposals and attachment W10 presents the final ranking.

Based on this ranking, the delegates approved the funding of the projects (according to attachment W6) in the following order, subject to the availability of funds from the participation fees:

1. Completion of the E-TechDS and to Giorgio Simbolotti for the review of the briefs, according to the allocation per technology that is presented in attachment W6.
2. Collaboration of a Common ETSAP-TIAM, Phase 2, to IER, Univ. Stuttgart, which will act as a project coordinator and will distribute the funding to the participating Contracting parties.
3. Training - Module 1 Complete base-intermediate incremental ETSAP-Demo model(s) with VEDA-TIMES, to Maurizio Gargiulo, Amit Kanudia, Gary Goldstein, Kathleen Vaillancourt.
4. VEDA-FE Attachment of models at run time, to KanORS-EMR
5. ETechDS Data Normalization and Handling for Modelling Use, Phase 1 to Giorgio Simbolotti and Maurizio Gargiulo.
6. VEDA-FE, Automatic creation of End-use B-Y templates from an Energy Balance, to KanORS-EMR
7. Visualisation of TIAM and other TIMES/MARKAL Reference Energy Systems, to University College London (UCL).
8. Procedure for collaborative efforts between national TIMES and national CGE models, to Chalmers University (Erik Ahlgren).
9. Irish TIMES-MACRO to University College Cork (UCC).
10. Training - Module 3 Revamp the ETSAP 3-day basic/introductory training course, to Amit Kanudia, Gary Goldstein, Kathleen Vaillancourt, Ken Noble, Maurizio Gargiulo.
11. Training - Module 4 - Greatly enhance the basic documentation for new users to Amit Kanudia, Gary Goldstein, Kathleen Vaillancourt, Ken Noble, Maurizio Gargiulo.
12. Modeling CHP and DH in TIMES to Chalmers University (Erik Ahlgren).
13. Peer review publication for the Hard-Link of MERGE&TIMES-MACRO (MTM) to Socrates Kypreos, Antti Lehtilla (VTT) and Adriana Marcucci (PSI)
14. Training - Module 2 Construct the same incremental model in 1. under ANSWER-TIMES to Gary Goldstein, Ken Noble.

Progress in funding these projects will be assessed at the next ExCo along with consideration of new proposals for funding in order to approve a revised priority list for 2013.

The proposal 'Solving in the "Cloud"' is not requesting for ETSAP funds. Mr Goldstein will update the proposal making sure that access is properly restricted and ETSAP's Intellectual property rights are secured. The delegates approved the proposal, expressing their appreciation to GAMS Development Corporation for funding this research effort, and authorised the Operating Agent to communicate with GAMS in order to proceed with the project.

6.3 Budget for 2012: discussion on proposals and adoption (Attachment W7)

The Operating Agent presented the income for 2012 which comprises €140,000 from the participation fees of seven Contracting Parties and €2,200 from the fees for training in the course held in Cape Town.

Regarding expenses to date in 2012:

ASATREM srl paid €6,000 for the sponsorship of IEW2012 and commissioned a contract of €48,396 to AEAT for energy technology data sheets, following the decision of the previous ExCo before the transfer of funds to the new operating agent. ASATREM srl will also pay for a number of pending contracts as soon as completed, including two outstanding contracts from the previous year with IER: one for the ETSAP-TIAM project at €20,000 and one for the project on Best practise implementation of policy in TIMES models at €30,000.

The amount that was transferred to the new Operating Agent was €122,095 as shown in Attachment W7.

CRES acting as the Operating Agent, according to the decision of the 60th ExCo contracted the following:

ANNEX XII: Policy Analyses Tools for Global Sustainability

- The contract for the Project Head to Mr Tosato (€12,000).
- The contract for MARKAL updates and Liaison Officer to Mr Gary Goldstein (€15,000).
- The ANSWER Licenses for the Contracting Parties to Noble-Soft Systems, Ken Noble (€17,000).
- The VEDA licenses for the Contracting Parties to KANORS-EMR, Amit Kanudia at (€17,000).
- The contract for training courses and proceedings compilations to Maurizio Gargiulo at (€9,000 plus expenses).
- The contract for training courses to Kathleen Vaillancourt at (€4,500 plus expenses).
- The contract for printing the Final report of Annex XI (€12,500)

The new contracts to be issued by CRES as the Operating Agent are:

- A contract of €10,000 for ANSWER improvements, to Noble-Soft Systems.
- A contract of €15,000 for TIMES maintenance to Antti Lehtila, VTT.
- A contract of €10,000 for the maintenance of the ETSAP-Website to KANORS-EMR.
- A contract of €6,000 for the development of the Technical Data Sheet Viewer on the ETSAP website to KANORS-EMR.

CRES will also contract the projects approved in 6.2, subject to funds availability.

The delegates approved the budget and the amount transferred to the new Operating Agent.

The delegates approved the activities and the contracts listed above for 2012 and, subject to funding, the contracts for the projects listed in 6.2 for 2012.

6.4 *Increasing ETSAP incomes (Attachment W8)*

The Chair presented three proposals designed to increase ETSAP income in order to fund future activities, namely i) to increase efforts to attract sponsors and new Contracting Parties, ii) to increase the participation fee of Contracting parties and iii) to re-introduce the R&D fee for new MARKAL-TIMES users (see attachment W8).

As pointed out by the Chair, the first approach is important in the sense of more engagement for new countries and increase ETSAP's visibility.

Mr Tosato pointed out that ETSAP has to invest in research in order to stay at the forefront of energy analysis and this requires adequate funding. The delegates agreed that the increase of fees is not an option at the moment.

The delegates agreed that there should be a more proactive approach on the front of attracting new Contracting Parties and that they will explore further the idea sponsorship.

7. **Other business**

7.1 *Election of the Chair person*

Mr Giannakidis assumed the Chair in order to proceed with the election of the Chairperson for the next twelve months. Mr Tosato proposed to confirm for the next year Mr Ó Gallachóir as the Chairperson and the two Deputy-Chairpersons Ms Fierens and Prof. Voss.

The delegates agreed and so Mr. Ó Gallachóir was confirmed as a chair for next year. Prof Voss and Ms Fierens were confirmed as deputy-chairpersons. Mr. Ó Gallachóir assumed the chair.

7.2 *Next workshop and ExCo meeting: 10th - 11th December 2012.*

The next workshop and ExCo meeting will be held in Lisbon on the 10th and 11th December 2012, hosted by the New University of Lisbon. A training course and the ETSAP-TIAM workshop will also take place.

7.2 *Successive meetings*

ANNEX XII: Policy Analyses Tools for Global Sustainability

The summer 2013 meeting will be held in Paris on the 17-18th June 2013, back to back with IEW2013. From 2013 Mr. Giannakidis will represent ETSAP at the IEW steering committee. The delegates from Denmark and Spain offered to examine the possibility of hosting the meeting in autumn 2013.

7.4 Others

Mr Goldstein commented that ETSAP could think of ways of promoting the work done in a more “market oriented” way possibly with some publications. The idea will be explored further in the next ExCo meeting.

The Chair closed the meeting at 12.30.

Annexes

- W1 *Minutes of the 60th ExCo meeting, held in Athens, Tuesday, November 8, 2011*
- W2 *ETSAP Balance Sheet for 2011*
- W2a *Communication for the IEA Secretariat*
- W3 *ETSAP Financial Audit for 2011*
- W4 *Distribution of the MARKAL-TIMES codes, improvement of the Letter of Agreement*
- W5 *ETSAP-TIAM to the European Fusion Development Agreement (EFDA-EURATOM)*
- W5a *New ETSAP-TIAM Letter of Agreement*
- W6 *Project Proposals*
- W7 *Draft budget for 2012*
- W8 *Increasing ETSAP incomes*
- W9 *Presentation of Project Deliverables*
- W10 *Project Proposals ranking*