

## MINUTES OF THE 77<sup>TH</sup> EXECUTIVE COMMITTEE MEETING

Date: Tuesday, May 19, 2020 (12.00 – 14.00 CET)  
Venue: Online (zoom)

Contacts: Kari Aamodt Espegren

TABLE 1: PARTICIPANTS

N.	Country	Participant	Delegate	Attended	Stand-ins
1	Australia	CSIRO	Mr. Luke REEDMAN	Yes	Brian Ó GALLACHÓIR
2	Belgium	VITO/SPW/Brussels	Mr. Jan DUERINCK	Yes	
3	Denmark	DEA	Mr. Steffen Dockweiler	Yes	
4	EC	JRC Directorate	Mr. Wouter Nijs	Yes	
5	Finland	VTT/Business Finland	Ms. Pia SALOKOSKI	Yes	Ms. Tiina Koljonen, Vice Chair
6	France	ADEME/EDMP/DGEMPEDAD	Mr. Emmanuel Combet Ms Nadia Maisi	Yes	Nadia Maisi
7	Germany	IER	Mr. Markus BLESL, Vice chair	Yes	
8	Greece	CRES	Mr. Philip Siakkis	Yes	
9	Italy	ENEA	Ms. Maria Rosa VIRDIS	Yes	
10	Ireland	SEAI	Mr. Brian Ó GALLACHÓIR, Chair	Yes	
11	Japan	IEEJ	Mr. Yuhji MATSUO	Yes	
12	Kazakhstan	NURIS		No	
13	Korea	KEA	Ms. HoChul Shin	Yes	Chang Hyun-Jung
14	Netherlands	TNO	Mr. Bob van der ZWAAN	No	
15	Norway	IFE	Ms. Kari Aamodt ESPEGREN	Yes	
16	Russia			No	
17	Spain	CIEMAT	Ms. Yolanda Lechon	No	
18	Sweden	STEM	Ms. Josefin THORESSON	Yes	
19	Switzerland	PSI	Ms. Anne-Kathrin FAUST	Yes	
20	UK	BEIS	Mr. Alec WATERHOUSE	Yes	
21	US	DOE	Mr. David Daniels	Yes	
22	Sponsor	ENEL Foundation	Mr. Carlo PAPA	Yes	Claudio Pregagnoli

### OFFICERS

Mr Uwe Remme	IEA Secretariat		
Mr. George Giannakidis	ETSAP Project Head	Mr. Gary Goldstein	ETSAP Liaison Officer

### GUESTS

Ms. Vij Kooyela	EECA, NZ	Mr. Amit Kanudia	KANORS, India
Mr Fabian Schipfer	Austria	Mr. Maurizio Gargiulo	E4SMA. Italy
Ms Anna Krook-Riekkola	Sweden	Mr Antti Lehtila	Finland
Ms Emer Dennehy	Ireland	Mr Evangelos Panos	Switzerland
Ms Martha Cadena Barros	Belgium	Mr Paul Dodds	UK
Ms Kahtleen Vaillancourt	Canada	Ms Maria Gaeta	Italy
Mr Tom Kober	Switzerland	Mr James Glynn	Ireland

ANNEX XV (2020-2022):  
ENERGY SYSTEMS AND SUSTAINABLE DEVELOPMENT GOALS



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AGENDA

No.	ITEM	DOCS
<b>1</b>	<b>QUORUM COUNT</b>	
<b>2</b>	<b>ADOPTION OF THE AGENDA</b>	
<b>3</b>	<b>MINUTES OF THE 76TH EXECUTIVE COMMITTEE</b>	<b>M1</b>
3.1	<i>For adoption: Minutes of the 76th Executive Committee</i>	
3.2	<i>Matters arising</i>	
	<i>a. Web page</i>	
	<i>b. Self-evaluation of project proposals</i>	
	<i>c. ETSAP disclaimer</i>	<b>M2</b>
<b>4</b>	<b>IEA-ETSAP IMPLEMENTING AGREEMENT</b>	<b>M3</b>
4.1	<i>Communication from the Secretariat</i>	<b>M4</b>
4.2	<i>ETSAP Participation and Outreach activities</i>	
<b>5</b>	<b>ANNEX XIV (2017-2019): UNDERSTANDING AND FACILITATING THE ENERGY TRANSITION TO ACHIEVE THE 'WELL BELOW 2OC' GOAL</b>	
5.1	<i>Final report of Annex XIV</i>	<b>M5</b>
<b>6</b>	<b>ANNEX XV (2020-2022): ENERGY SYSTEMS AND SUSTAINABLE DEVELOPMENT GOALS</b>	
6.1	<i>Status report from Operating Agent</i>	
6.2	<i>Economy and budget</i>	<b>M7</b>
6.3	<i>Progress of current projects and ETSAP tools</i>	<b>M8</b>
<b>7</b>	<b>OTHER BUSINESS</b>	
7.1	<i>Next workshop and meeting: online, workshop July 2-,3 2020, ExCo July 2, 2020</i>	
7.2	<i>Successive meetings: Winter 2020: offer from Norway</i>	
7.3	<i>Funding to Promote the Dissemination &amp; Enhance the New User Experience with the ETSAP Tools</i>	<b>M9</b>
7.4	<i>Others</i>	

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*Attachments*

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<b>M1</b>	<i>Minutes and Action list from of the 76th ExCo meeting, Newcastle, December 10, 2019</i>
<b>M2</b>	<i>ETSAP disclaimer</i>
<b>M3a</b>	<i>ETSAP End og Term Report 2015-2020</i>
<b>M3b</b>	<i>ETSAP REF Questionnaire</i>
<b>M3c</b>	<i>ETSAP Strategic Work programme 2020-2025</i>
<b>M4</b>	<i>IEA Secretariat Work programme H1-2020</i>
<b>M5</b>	<i>ETSAP Annex XV Work programme Energy Systems and Sustainable Development Goals</i>
<b>M6</b>	<i>FINAL Report of Annex XIV</i>
<b>M7</b>	<i>Expenditure and budget</i>
<b>M8</b>	<i>Progress of projects and tool</i>
<b>M9</b>	<i>Funding to Promote the Dissemination &amp; Enhance the New User Experience with the ETSAP Tools</i>

### 1. QUORUM COUNT

Quorum is 12. A quorum was present as 15 delegates were present.

### 2. ADOPTION OF AGENDA

The ExCo adopted the agenda.

### 3. MINUTES OF THE 76TH EXECUTIVE COMMITTEE (ATTACHMENT M1)

3.1 For adoption: Minutes of the 76th Executive Committee

The ExCo adopted the minutes.

Update on Action list from 76<sup>th</sup> ExCo

Action List from 76 <sup>th</sup> ExCo Meeting	Update
If there is a delay in the meeting documents, the ExCo will be informed by e-mail.	Brian
Complete and submit paperwork for End of Term Report, Questionnaire and Request for Extension.	Done
Regarding ETP 2020, point Uwe to relevant scenario analyses they may have done on reaching net zero emissions, ideally on a global level.	Brian attended a meeting at IEA
Regarding ETP 2020, if there is a sufficient interest from ETSAP partners, ETSAP management can organise with IEA a web conference on this topic.	Not enough interest
The ETSAP Management will communicate to RSE the ExCo decision to approve RSE as a Contracting Party.	Done
The ETSAP Management will communicate to FZJ the ExCo decision to approve FSJ as a Contracting Party.	Done
The ETSAP Management will invite the Government of New Zealand to join ETSAP and to designate a Contracting Party.	Done
The ETSAP Management will invite the Government of Austria to join ETSAP and to designate a Contracting Party.	Done
Contact Uwe by the end of December if you are interested in participating in the meeting on big data in Paris on 12-13 February, organised by the Fusion Power Co-ordinating Committee (FPCC)	Done
Develop a contact list of TCP's for the ETSAP members, beginning with identified TCPs	George / Kari
Explore opportunities for developing joint annexes or tasks	Ongoing
Seek to coordinate with IEA on joint training workshops for IEA Association Countries	Due to the current situation there were no workshops. Coordination between George and Uwe will continue for the future

Contact IEA TCP Wind Task 25 if you're interested in attending the proposed IEA Inter-TCP/Task workshop on capturing value of flexibility in integrating variable generation in Paris on April/May 2020	Three ETSAP teams (Ireland, Finland and Norway) participated
<p>Subject to positive feedback from the ExCo members testing the new VEDA during the advanced training</p> <ul style="list-style-type: none"> <li>• KanORS-EMR will be paid €150k for the new VEDA Front-End development</li> <li>• Gary and Maurizio will be paid €5k for testing new VEDA</li> <li>• Training materials for new VEDA will be developed in order to begin new VEDA training from summer 2020</li> <li>• €10k be allocated to Gary for revision of Part IV and Part V of the TIMES Documentation, subject to approval during budget discussions</li> </ul>	Done
George will co-ordinate an ETSAP sub-group to work with Amit to determine which elements of the full VEDA development are included in the 2019 €150k payment and which are included in the planned 2020 €150k payment.	Done
Replace TIMES LoA with a suitable open source license (e.g. Creative Commons BY4.0 license)	Done
<p>Update the website in order</p> <ol style="list-style-type: none"> <li>1. to make the source code available directly from the website</li> <li>2. to provide an option for those interested to register for receiving updates from ETSAP</li> <li>3. to provide an option for those interested in acquiring VEDA and GAMS</li> </ol>	Done
Discuss making the TIMES source code available on GitHub	Done. The TIMES source code is available on GitHub
ETSAP-TIAM project, team change project co-ordinator from DTU to EdMdp CMA (Sandrine Selosse)	DTU / CMA
Prepare Annex XIV Final Report as agreed.	Kathleen / ongoing
Develop and distribute template slide for slide-show version of final report	Ongoing
The ExCo requested that each country provide slides for final report	Ongoing
Determine form of words to indicate that the authors are responsible for the statements and conclusions in the reports and presentation and it is not representing the opinion of the contracting parties.	Done
Allocate funding for top ranked research project, and additional projects by rank order as additional fees are received	Ongoing
Finalise agreed Annex XV Work Programme as agreed	Done
Transition Operating Agent role from DTU / Kenneth to IFE / Kari	Done
Discuss and decide on auditing of accounts in 77th ExCo	ExCo

ETSAP partners should send comments on website to George by e-mail before the 77th ExCo meeting.	No comments received so far. This is an open call for contributions.
Submit journal papers on national models/scenarios for inclusion in the IPCC AR6 report by June 2020	ETSAP teams
ETSAP management engage with the C3E TCP and explore how to include gender analysis in scenario analysis.	George
Discuss and decide on revising the evaluation procedure of proposals to avoid self-evaluation	A small group (Ann-Kathrin Faust, George) will prepare this for the next ExCo-meeting

### 3.2 Matters arising

#### a. Web page.

The web page is updated with new information on training, tools and workshops. No general comments to the web page have been received.

#### b. Self-evaluation of project proposals.

A small group with Ann-Kathrin Faust, Tom Kober, Daniel Davis, Paul Dodds, Anna Krook-Riekkola, Gary Goldstein and George Giannakidis (coordinator) will prepare a discussion note for the Next ExCo. Other representatives can contact George if they will take part in the preparation.

#### c. ETSAP disclaimer (Attachment M2).

Approved

## 4 IEA-ETSAP IMPLEMENTING AGREEMENT

### 4.1 Communication from the Secretariat

- Request for Extension (RfE) of ETSAP's 5-year term. The ETSAP management have prepared the End of Term Report, Questionnaire and Request for Extension and sent to the IEA (Attachment M3a, M3b and M3c).

### 4.2 ETSAP Participation and Outreach activities

- Letters of invitation issues to New Zealand and Austria. Process progressing in both countries.

## 5. ANNEX XIV (2017-2019): UNDERSTANDING AND FACILITATING THE ENERGY TRANSITION TO ACHIEVE THE 'WELL BELOW 2°C' GOAL

### 5.1 Final report of Annex XIV

- A short list of questions and requests have been circulated to ETSAP partners, experts and users to collect the relevant information (Attachment M6). Deadline for replies to Kathleen is extended to 9. June 2020.
- The Final Report in Word format to be published online.
- A summary presentation in Power Point format will also be delivered, summarizing the ETSAP activities, model developments and applications. This includes key statistics as the number of models, publications, etc.

The ExCo discussed the target group of the final report.

The reports should include key indicators, a short overview of the impact factors, and an executive summary for policy makers, as they rarely read this kind of large documents.

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Contracting parties are encouraged to send Kathleen feedback on the questions within the next two weeks. New deadline 9<sup>th</sup> of June 2020.

**6. ANNEX XV (2020-2022): ENERGY SYSTEMS AND SUSTAINABLE DEVELOPMENT GOALS**

*6.1 Status report from Operating Agent*

IFE had a meeting with DTU 21<sup>st</sup> January to be able to take over the responsibility as Operating Agent. IFE has established a MS Teams group for ETSAP. Documents and information will be shared at this platform. All delegates and alternates will be invited.

**6.2 Economy and budget**

In the beginning of April, the ETSAP accounts were finalized at DTU, and they transferred €632.969 to IFE. The budget for 2020 is included in M7. The following changes have been done since the previous ExCo-meeting:

- 1) The sponsoring of IEW 2020 is deleted, as the IEW 2020 is cancelled
- 2) Commitments (previous contracts are included)

The workshop budget was discussed. Probably €50k will not be needed for workshops in 2020, as most travel and physical workshops will be limited in 2020.

The budget in summary:

Balance transferred from 2019	632 969
Contracts, base activities, improvements and training 2020	-372 700
Research contracts – not finalized (from 2018 and 2019)	-212 755
Total commitments 2020	-585 455
<b>Preliminary 2020 balance available</b>	<b>47 514</b>
<b>Possible income:</b>	
Membership fee 2020	430 000
Income from training	7 550
<b>Total available</b>	<b>485 064</b>

All contracting parties have received invoice information related to the ETSAP membership fee from Linda Orø. She is part of the Operating Agent team at IFE.

The ExCo has previously decided to keep a reserve of €100.000, which implies that a maximum of €385.064 can be allocated to Coordinated research projects and studies. Based on the votes in the 76<sup>th</sup> ExCo meeting, the OA will make contracts for new research projects as soon as the membership fees are paid.

*6.3 Progress of current projects and ETSAP tools*

Attachment M8 gives an overview of contracts for 2019 and 2020. The consultant contracts are rewritten in cooperation in dialogue with IFE lawyer. Three research contracts are still running: Two are delayed (SubRES, ETSAP-TIAM) and Hydrogen modelling project (will end this year). A new contract with Centre for Applied Mathematics (CMA) of MINES ParisTech, coordinated by Sandrine Seloisse for ETSAP-TIAM work is in progress.

**7. OTHER BUSINESS**

*7.1 Next workshop and ExCo meeting: Summer 2020,*

The delegates were reminded of the ExCo decision that the Summer 2020 ETSAP Workshop that should have taken place together with IEW 2020 in Freiburg, Germany, will be a virtual workshop.

- Summer 2020 ETSAP Workshop from July 2-3 (two half days)
- 78<sup>th</sup> ETSAP ExCo July 2 (afternoon, CET)

*7.2 Successive meetings: Winter 2020: offer from Norway*

The ExCo decided to postpone the decision of the Winter 2020 ETSAP Workshop and 79<sup>th</sup> ExCo meeting. The offer from IFE, Norway is still valid, however travel restrictions may continue the rest of 2020. The meeting could also be a combination of virtual and physical meeting.

**7.3. Funding to Promote the Dissemination & Enhance the New User Experience with the ETSAP Tools**

Gary Goldstein raised the issue of funding for R&D projects vs funding for Outreach activities and tools development. The ExCo decided to set up a small working group to prepare a discussion note for the next ExCo-meeting. George will coordinate a small group in order to prepare a concrete proposal for the next ExCo meeting, and delegates are welcome to contribute. The work will be coordinated with the work on dealing with self-evaluation of project proposals.

Gary's reflections are attached to the minutes.

**8. AGREED ACTIONS**

Action List from 77 <sup>th</sup> ExCo Meeting	Owner
If there is a delay in the meeting documents, the ExCo will be informed by e-mail.	Brian (ongoing)
Develop a contact list of TCPs for the ETSAP members, beginning with identified TCPs	George / Kari. Uwe will also check with the secretariat if such a list is readily available within IEA
Explore opportunities for developing joint annexes or tasks	George / Kari
Seek to coordinate with IEA on joint training workshops for IEA Association Countries	George / Uwe
ETSAP-TIAM project, team change project co-ordinator from DTU to EdMdp CMA (Sandrine Selosse)	Kari
Prepare Annex XIV Final Report as agreed.	Kathleen / ETSAP Teams
Develop and distribute template slide for slide-show version of final report	Kathleen / George
Each country provides slides for final report	ETSAP teams
Allocate funding for top ranked research project, and additional projects by rank order as additional fees are received	Kari
Discuss and decide on auditing of accounts in 78th ExCo	ExCo
Submit journal papers on national models/scenarios for inclusion in the IPCC AR6 report by June 2020	ETSAP teams
ETSAP management engage with the C3E TCP and explore how to include gender analysis in scenario analysis.	George
Discuss and decide on revising the evaluation procedure of proposals to avoid self-evaluation	George and Ann-Kathrin Faust together with other interested CPs
Project evaluation, criteria, division between research projects and other projects. A small group prepare a discussion note for the next ExCo. Will be coordinated with the activity addressing self-evaluation of project	George and Alec Waterhouse together with other interested CPs