

## MINUTES OF THE BOARD MEETING

21 APRIL 2015, DUBLIN, IRELAND

### Present:

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Bernard Quoix, President (BQ)	TOTAL
Catherine Goy, Vice President (CG)	E.ON Technologies
Pericles Pilidis (PP)	Cranfield University
Niko Cornelis (NC)	Engie (GDF Suez)
Tomas Volks (TV)	MTU
Herwart Hönen, Treasurer (HH)	RWTH Aachen University
Christer Björkqvist (CB)	ETN
Dominique Cornut (DC)	ETN

### Apologies:

Robert Rijdsijk (RR)	Shell
Gary Lock (GL)	Frazer Nash Consultancy
Giovanni Cerri (GC)	University Roma TRE
Andy Williams (AW)	Chromalloy

### Content:

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1. Welcome and opening of the Board meeting
2. Review and approval of the MoM, 25 February 2015
3. Review and report of actions list from the MoM, 25 February 2015
4. ETN Activities Update
5. ETN Finances
6. Upcoming AGM and Workshop 2015
  - a. ETN's strategy and Panel Discussion
  - b. Updated ETN Internal Rules
7. Upcoming ETN meetings
8. Closing of the Board meeting

Annex 1: Review of action lists from previous Board meetings

## **1. Welcome and opening of the Board meeting**

B. Quoix opened the meeting and welcomed the Board members. R. Rijdsdijk, G. Lock, G. Cerri and A. Williams sent their apologies for not being able to join the Board meeting.

## **2. Review and approval of the MoM, 25 February 2015**

The Board unanimously approved the February Board meeting minutes.

## **3. Review and report of actions list from the MoM, 25 February 2015**

The status of all actions is updated in the Annex. The following comments were added by the Board:

### **Potential affiliate members: Japan**

B. Quoix proposed that ETN could approach Pete Collins at INPEX (the oil & gas company) who is based in Tokyo. C. Björkqvist stated that he could try to organise a face-to-face meeting with him in conjunction with the Gas Turbine Society of Japan's (GTSJ) International GT Congress in November 2015. H. Hönen stated that he would also participate in this conference and would be happy join the meeting to discuss membership and cooperation opportunities.

**Action:** BQ to provide the contact details of Pete Collins to the ETN office.

**Action:** CB to contact Pete Collins from INPEX to schedule a meeting for him and HH in November 2015.

### **EU-funded project proposals – Evaluation letter**

H. Hönen explained that in the evaluation report of the FlexGen proposal, the European Commission's (EC) external reviewers had stated that the technical background and risk assessment had not been described adequately in the proposal. However, in the instructions for the submission of a first stage proposal (max 15 pages), it had been clearly stated that this information was only required in the second stage if the proposal passed the evaluation of the first stage. H. Hönen also highlighted that there were some comments in the evaluation report that proved that the reviewers had not read the complete proposal. The evaluation was also very short (almost no feedback at all), which makes it hard to know what should be improved for future proposals. He proposed that the Project Board should provide a template for project proposals under Horizon 2020 based on their collected experiences and also revise new proposals before their submission. C. Björkqvist also explained that due to budget cuts, evaluators had been instructed to be very tough and as a result only 1 out of 10 proposals on average was evaluated successfully, which is much lower than in FP7.

**Action:** CB, HH and the Project Board to write a letter to the EC about the evaluation of the project proposals.

**Action:** Project Board to create a template for EU-funded project proposals.

#### Potential affiliate members: Middle East

P. Pilidis mentioned that in the Middle East, prestige was very important and that it would be recommended that being an affiliate member is not perceived as being a second class member.

When it comes to umbrella organisations like ADNOC, P. Pilidis proposed that the membership fee should depend on the amount of companies they represent. C. Björkqvist stated that he would contact Montaser Zamzam from ADNOC and discuss from this point of view. C. Björkqvist also proposed that we should include this rule in our Internal Rules. B. Quoix also stated that he would follow-up with Dolphin with regards to membership.

**Action:** CB to follow up with Montaser Zamzam from ADNOC to discuss membership fee of umbrella organisations depending on the number of companies they represent.

**Action:** CB to include a new section on umbrella organisations in ETN's Internal Rules.

**Action:** BQ to follow up with Dolphin on ETN membership opportunities.

#### User Conference on the 6FA engine (GTUsers.com)

C. Björkqvist reported that the "GTUsers.com" event welcomed 80 participants of which 50 were users. During the first half day, the users highlighted and discussed both the main issues that had been emphasised at the last conference as well as new issues. In the afternoon of the first day, non-OEM suppliers and service providers were invited to present their solutions to the highlighted issues. In the afternoon of the second day, GE came to present their solutions on the past highlighted problems and to answer questions related new reported issues. C. Björkqvist reported that GE came with 19 technical and one sales representatives in order to discuss the list of issues with the users. The Steering Committee has promised to bring five key issues to ETN which our Project Board and TCs could review and potentially address.

#### ORAP databases

C. Björkqvist reported that he has met with Jon Willis, ORAP who proposed to initiate a cooperation with ETN by advertising the ORAP databases on the ETN platform and in exchange, ETN would get access to some general information from ORAP's databases. However, it is still unclear how much access to the databases ETN would have. C. Björkqvist mentioned that he would need to investigate this further. P. Pilidis and C. Goy stated that they would also look into the information provided in the databases in order to better understand if a partnership with ORAP would be beneficial for ETN. Board members agreed to discuss this topic further at the next Board meeting.

**Action:** CG and PP to have a closer look into ORAP's databases in order to better understand if a partnership with ORAP would be beneficial for ETN.

#### Cooperation with GTUsers.com

C. Björkqvist proposed to discuss further with Yrjö Komokallio to see if we should merge GTUsers.com and ETN's questionnaires or not.

**Action:** CB to follow-up with Yrjö Komokallio on the potential merging of ETN and GTUsers.com's databases.

#### **4. ETN Activities Update**

The Board took note of the Activities Update, which was circulated ahead of the meeting by the ETN office.

#### **5. ETN Finances**

The Board agreed on the budget for 2015 and 2016 and did not have any additional comments on the finances and approved them to be presented to the General Assembly. The financial situation will be reviewed by H. Hönen and C. Björkqvist prior to the next Board meeting in July 2015.

#### **6. Upcoming AGM and Workshop 2015**

##### **A) ETN Strategy and Panel Discussion**

C. Björkqvist presented the draft strategy to the Board, which had been discussed at the Board meeting in February 2015. The Board agreed with the proposed strategy to be presented at the AGM.

When reaching out to potential Affiliate members, some remarks had been received on the European emphasis of the name of ETN. It was pointed out by some Board members that some potential Affiliate members might be more reluctant to joining a European Association rather than an international one. It was agreed by the Board that the name of ETN should be discussed further at the next Board meeting.

The Board also welcomed the new flow chart "Activities Initiation", and made minor changes which will be implemented by the ETN office.

**Action:** CB to implement the Board changes on the "Activities Initiation" flow-chart.

##### **B) Updated ETN Internal Rules**

C. Björkqvist reported that the ETN office went through ETN's Internal Rules and removed all sections identical to the Articles of Association (AoA) to avoid any duplication. The Internal Rules have also been added as an Annex to the AoA in order to only have one document.

**Action:** The Board to go through the Internal Rules circulated by the ETN office and provide their comments to the ETN office.

#### **7. Upcoming ETN meetings**

<b>Name of Meeting</b>	<b>Date</b>	<b>Location</b>
Board Meeting	1 July 2015	Brussels
ETN October Workshop	21-22 October 2015	TBC
Project Board and Chairpersons (TCs) Meeting	26-27 November 2015	Brussels

## **8. Closing of the Board meeting**

B. Quiox closed the Board meeting.

### **ACTION LIST**

<b>No</b>	<b>New Actions</b>	<b>Resp.</b>	<b>Date</b>
1	NC to contact Michael Denève about sharing the results of the <i>Consulting on Guidelines for Preservation of CCGT</i> produced by ETD Consulting.	NC	July 2015
2	CB to follow up with Marcelo Miranda to receive a formal invitation for both CB and BQ for Petrobras meeting in August.	CB	July 2015
3	BQ to provide the contact details of Pete Collins to the ETN office.	BQ	
4	ETN to contact Pete Collins from INPEX to schedule a meeting in November 2015.	ETN	July 2015
5	ETN office to follow-up with Pierre Brousse from Solar with an indicative price for sponsorship (AGM/IGTC)	ETN	July 2015
6	CB to follow-up with EPRI on potential members that we could contact and to verify if they are going to the Petrobras meeting in August.	CB	May 2015
7	Project Board to create a template for EU-funded project proposals.	Project Board	Sept 2015
8	CB to follow up with Montaser Zamzam from ADNOC to discuss membership fee of umbrella organisations depending on the number of companies they represent.	CB	July 2015
9	CB to include a new section on umbrella user organisations in ETN's Internal Rules.	CB	July 2015
10	BQ to follow up with Dolphin on ETN membership opportunities.	BQ	July 2015
11	CG and PP to have a closer look into ORAP's databases in order to better understand if a partnership with ORAP would be beneficial for ETN.	CG, PP	July 201
12	CB to follow-up with Yrjö Komokallio on the potential merging of ETN and GTUsers.com's databases.	CB	July 2015
13	CB to implement the Board changes on the "Activities Initiation" flow-chart.	CB	July 2015
14	The Board to go through the Internal Rules circulated by the ETN office and provide their comments to the ETN office.	Board	July 2015

## ANNEX 1

### STATUS OF ACTION LIST (from MoM February Board meeting, Brussels, Belgium)

No	New Actions	Outcome/Next action	Resp.
1	AW to send the contact details of RWG representatives to the ETN office.	Done	AW
2	NC to follow-up with Michael Denève on the <i>Consulting on Guidelines for Preservation of CCGT on the opportunity to present 1-2 slides at the AGM.</i>	On-going CG reported that ETD declined the offer to present slides at the AGM 2015 as they didn't get many results and are not in position to share what they have due to confidentiality reasons. NC will follow up with Michael Denève.	NC
3	CB to follow-up with Petrobras about membership opportunities.	On-going CB reported that Marcelo Miranda said that the request for membership has been sent to senior management and he is confident that they will join ETN. He has also invited CB and BQ to attend their management meeting at the end of August.	CB
4	BQ to find the right representative to contact at Sino Australia Oil & Gas.	Deleted	BQ
5	If Solar declines ETN's invitation to sponsor the AGM, CB and BQ to identify and approach other sponsor candidates.	Done Solar agreed to be a sponsor for the next Workshop, AGM or IGTC.	CB, BQ
6	ETN to make a list of potential companies in Africa and the Middle East and North Africa (MENA) region.	On-going	ETN office
7	CB together with the Project Board to go through the evaluation report and write a letter to the EC. The Board agreed that H. Hönen should supervise this activity.	On-going	CB, HH
8	CB to follow up with membership of Chinese utilities and propose topics for workshops to Professor Jiang.	On-going	CB
9	CB to draft a one-pager "flow chart" which would clearly show ETN's strategy and draft a strategy to attract and retain Affiliate Members.	Done	CB
10	The Board to review and comment CB's proposal on the flow chart and the strategy to attract and retain Affiliate members.	Done	Board
11	ETN office to go through ETN's Internal Rules and to remove all sections identical to the Articles of Association.	Done	ETN office
12	The Board to go through the Internal Rules once the ETN office circulated a revised document.	On-going	Board

**PENDING ACTION LIST (from MoM July 2014 Board meeting)**

No	Actions	Outcome / Next action	Resp.
1	CB to spread ETN reserves into different banks.	On-going C. Björkqvist reported that the ETN office is in contact with BNP Paribas and KBC which do not have such requirements.	CB
2	UK to meet with Bo Pedersen of Maersk to discuss ETN membership.	On-going	TV
3	CG to discuss membership opportunities with RWE npower.	On-going CG stated that she will meet a representative in June and will follow-up with him.	CG
4	BQ to contact Mitsubishi to discuss membership opportunities	Done	BQ
5	CB to contact Rolls-Royce Wood Group to discuss membership opportunities.	Postponed	CB
6	TV to contact MRO within the GKN Aerospace group to discuss membership opportunities.	On-going TV stated that he has been in contact with them and is hopeful to get a positive answer by the next Board meeting.	TV
7	CB to follow-up with Mechthild Wörsdörfer, EC in order to get her feedback from the IGTC and to propose a joint Dinner Debate in 2016.	Postponed CB will follow-up with her in the autumn 2015 as now is too early.	CB
8	CG to follow-up with Michael Denève from Laborelec on the outcome of the study made by ETD Consulting on <i>Guidelines for preservation of CCGT</i> .	Done	CG
9	TV and BQ to coordinate on the best approach to contact Petrobras, in order for them to join ETN.	Deleted	TV, BQ
10	TV to contact Russian user companies to discuss membership opportunities.	Deleted	TV
11	PP to contact Mahmoud Sabban which is a current GTUI Board of Director and was a student at Cranfield.	Deleted	PP
12	BQ to contact Sino Australia Oil & Gas, which has some assets in China to discuss membership opportunities.	Deleted	BQ
13	CB to contact Maria Martin from EPRI to ask for a list of user companies in South America.	Postponed	CB
14	CB to attend the next user groups meetings organised by Yrjö Komokallio.	On-going	CB
15	BQ/CB to contact Mitsubishi and Siemens to sponsor the AGM in Dublin or alternatively Solar Turbines.	Done	BQ, CB