

ene.field Project

Steering Committee webmeeting minutes

Date: 30 April 2013

Participants:

- BAXI INNOTECH: Michael Braun (MB)
- COGEN Europe: Fiona Riddoch (FR), Maria Gomez-Reino (MGR),
- Datherm Power: Per Balslev (PB)
- DBI: Bert Otto (BO)
- DTU: Eva Ravn Nielsen (ERN), Per Hjalmarsson (PH)
- Element Energy: Lisa Ruf (LR), Ian Walker (IW)
- GDF Suez: Clement Dupe (CD)
- Hexis: Rolf Clemens (RC)

WELCOME AND INTRODUCTION

FR introduced the Steering Committee and went through the agenda. As there are many important points that need to be discussed under WP2, the Steering Committee agreed to begin directly with them.

- **Next 6 months time plan and deliverables review and discussion**

Delivery No	Deliverable name	WP no.	Diss. level	Delivery date
D1.4	Tracking system for trials	1	PP	Month 4
D1.5	Annual report on trial progress	1	PP with PU summary	Month 12
D2.1	<u>Data Handling agreement</u>	2	PP	Month 8
D2.2	Data and Monitoring Equipment Protocol	2	PP	2 months after D2.1
D3.1	<u>Field support reports</u>	3	PU	Month 8
D3.2	<u>Non-economic barrier report</u>	3	PP with PU summary	Month 8
D3.5	Position paper on RCS	3	PU	Month 15(position paper)
D4.1	Dissemination Plan	4	PP	Month 6
D4.2.1	Project website and intranet	4	PP and PU	Month 3
D4.2.2	General information pack	4	PU	Month 3
D4.2.3	<u>Information packs for households</u>	4	PU	Month 8
D4.2.4	<u>Newsflashes</u>	4	PU	Months 6
D4.3	Engagement plan for industrial stakeholders	4	RE	Month 15
D5.2	Report on the EU FC micro-CHP supply chain	5	PP with PU summary	Month 15
D6.1	<u>Progress updates</u>	6	PP	Months 7
D6.2	Annual Reports	6	PP with PU summary	Months 14

REPORT BY Work Package

- **WP2 – DATA MONITORING –DBI**

Prior to the meeting GWI circulated a “statement on overall monitoring” to the Steering Committee. 4 manufacturers (Baxi, Bosch, Hexis, Vaillant) sent also a feedback letter regarding the Technical procedure on data handling.

Bert Otto updated the Steering Committee on the status of the WP2, the overall monitoring and the data handling agreement.

Regarding the Clean Room Process (CRP), it was decided by agreement from the consortium that it will be set aside for the moment separate from the agreement and it will be followed up in a later stage. The focus is on the data handling agreement and the overall monitoring.

This topic has been discussed during specific calls with manufacturers and analysis partners, but there are some divergences in some points, such as the sampling rate and the minimum amount of data needs.

The discussion during the steering committee was based on the points of the letter from the manufacturers:

- 1- *The analysis work packages WP3 and WP5 shall define the extend of project outputs in line with the expected outcomes of the JTI call and the DoW. Based on these deliverables they shall define the monitoring data definitely needed for the overall monitoring (which measurement points, which quality of data, which sampling rate). For discussion inside the project different options are required.*
 - *What outputs can be expected with monthly data from overall monitoring?*
 - *What additional outputs are possible with daily/hourly data?*

ACTION: GWI is requested to produce a statement describing the final outcomes which they will deliver from the analysis and which specific results they are aiming to achieve. The data collection requirements and the data accuracy required will be covered in this document. (08 May)

Action: The data export from GWI to WP3 and WP5 5 was discussed. This topic will be discussed bilaterally by the WPs involved (All relevant WPs 08 May)

2) Overall monitoring:

Installing counters that cannot be integrated in the system leads to high installation costs. This is especially the case for counter #4 (electricity demand of the house). It is not possible to install all sensors in all installations. On the other hand, we would appreciate a list of minimum required values that shall be measured or calculated at all installation. We suggest the following list allowing for evaluation of 100 % of the installed units in ene.field:

- *Gas consumption (counter #2): m³*
- *Electricity production (counter #3): kWh*
- *Heat production (counter #5): kWh*

A detailed database of all building requiring counters #4, #7, #8, and #9 was not planned by us and shall not be part of the minimum list of sensors.

Please replace the sentence "To suspend a discrimination of..." in section 3.4 accordingly.

Technical remark: Meters with the same number measure different values in the schemes 1 to 3. Please use different numbers. Especially scheme 2 + 3, counter #5 will cause the need of discussion of applicable data processing algorithm in order to result at least in accurate data comparable to scheme 1.

The offer by the manufacturers to remotely collect #2,#3,#5 was accepted .It was agreed that the field trial organisation should include a provision for collecting #4.: either read the meters when there are visits to the units or involve the house owner to post the numbers twice per year.

ACTION: This to be included formally as an action within the data collection process

3) We agree that issues encountered have to be delivered to the monitoring partners. This data is very sensitive and sometimes several interpretations are possible. That's why we miss clear information which results will be determined from our data and how the conclusions in the internal and external reports will be reviewed and released. We ask the analysis work packages to prepare information on the further treatment of the data about issues encountered.

The 7 categories for the issues encountered have been already defined and DTU will circulate them again among the Steering Committee and the manufacturers.

ACTION: DTU to circulate the document with the categories for the issues encountered along with an example of how the data will be presented in a final analysis.

WHAT?	WHO?	WHEN?
Produce and circulate a statement to explain the specific results of the overall monitoring and describe which data and accuracy is needed for that.	GWl	08 May
Bilateral discussion of the data export	GWl, DTU, EE, DBI	08 May
circulate the document with the categories for the issues encountered	DTU	Coming weeks

The discussion over the manufacturers' letter stopped and another important issue in WP2 was raised, the percentage of detailed monitoring to be made, if 10 or 20%. This issue will be discussed in the WP1 call that takes place Tuesday 30th afternoon. In the DoW is stated that 20% needs to be monitored, so if there is the willingness to change that number, there will have to be a justified case in advance. There should be a proposal that meets what the consortium believes was the intention of the project and that is budget wise.

After the WP2 discussion there a quick update form the other WPs took place:

WP1 – there will be an update call with all manufacturers on Tuesday 30th afternoon and a summary will be sent to the steering committee members.

WP3 –the allocation of hours of Envipark will be discussed bilaterally with COGEN.

WP4 – the “end user infopack” will be circulated among the Steering committee for its approval.

A twitter account, which will be fact based, will be opened in the coming weeks and the Steering Committee is welcome to express their feedback on this respect.

Advisory Panel, COGEN will circulate again the proposal to the SterrCo to get feedback on whom to invite.

Rules for handling of news / messages (ene.field website) about non-consortium businesses – COGEN Europe will draft a proposal and will then circulate it among the steering committee members.

WP6 –CERES Power – their business model has evolved. the ene.field The consortium will have to think about next steps. A doodle will be sent for an additional Steering Committee meeting on this topic in the next 10 days

WHAT?	WHO?	WHEN?
Send a summary of the WP1 call to the SterrCo	EE	Week of 6 May
Discuss Envipark allocation of hours	DTU, COGEN	Coming weeks
Circulate the document with the categories for the issues encountered	DTU	By the 10 May
Circulate the “end user infopack” among the SteerCo	COGEN	By the 3 May
Approval of the “end user infopack”	SteerCo	By the 10 May
Give feedback if any to the opening of a Twitter account	SteerCo	By 10 May
Open a Twitter account	COGEN	End May
Advisory Panel – Propose members	SteerCo	15 May
Draft the Rules for handling of news / messages (ene.field website)	COGEN	21 May
Meeting to discuss the CERES Power issue	COGEN	Coming Days

NEXT SC WebEx:

Wednesday 29 May 2013 at 14.00 CET!