

Consortium Material technology for thermal energy processes – minutes board meeting no 1/16

Date	March 8, time 9.00-11.00	
Place	Telephone meeting	
Participants	Erik Skog (chair) Lars Mikkelsen Anna Jonasson Joel Andersson Matti Huhtakangas Bo Jönsson Guocai Chai (repl JE) Marie-Aude Porter Helena Oskarsson Annika Stålenheim Jesper Liske (repl JES) Johan Moverare Rikard Norling Pamela Henderson Bertil Wahlund (secre.)	Erik Skog AB B&W Vølund E.ON Värme Sverige GKN Aerospace MH Engineering Sandvik Heating Technology Sandvik Materials Technology Siemens Siemens Vattenfall Chalmers (to item 5) Linköpings universitet Swerea KIMAB Vattenfall/KTH Energiforsk
Prevented	Christoph Gruber Sebastian Kaiser Edgardo Coda Jouni Mahanen Thomas Norman Hans Poulsen Eva-Katrin Lindman Jukka Meskanen Peter Emvin Dilip Chandrasekaran Jesper Ederth Jan-Erik Svensson Staffan Söderberg	Andritz Andritz Amec Foster Wheeler Amec Foster Wheeler B&W Vølund Dong Energy Fortum värme Fortum GKN Aerospace Sandvik Heating Technology Sandvik Materials Technology Chalmers Swerea KIMAB
Distribution	participants, prevented and Sven Andersson Per Kallner Andreas Sundlöf Henrik Lindståhl Mikael Fransson Ulf Hagman Claes Sommansson Erika Antonsson Toni Holkko Lucas Enström Ulf Lindqvist Jesper Baaring Johan Thelander Magnus Eriksson Lars Hammar Patrik Schneider	
	B&W Vølund/Götaverken Vattenfall Söderenergi Tekniska verken i Linköping AB Tekniska verken i Linköping AB Göteborg Energi AB Göteborg Energi AB Göteborg Energi AB Gävle Energi Gävle Energi Jämtkraft AB Öresundskraft Karlstads Energi AB Mälarenergi AB Kraftringen Kraftringen	

1 Agenda

The distributed agenda was approved with the following addition:

- Decision under item 5 regarding KME-714

2 Person to approve minutes

LM, BWV, was elected to approve minutes (next present person/company on participants list).

3 Minutes from board meeting 1/16

The minutes from board meeting 1/16 was approved without comments.

4 Notifications

4.1 Coming dissertations and conferences

Under the member area at the web site, Coming dissertations and conferences are posted <http://www.elforsk.se/Programomraden/El--Varme/KME/Members-2014-2017/Dissertations-and-conferences/>. The board members are recommended to send information to BW.

Recently defended dissertations:

Mattias Calmunger, Doctoral dissertation (KME-701), December 21, 10.15, ACAS, Linköping University.

Upcoming dissertations

Hamed Hooshyar, 18 March, 2016, HTC, Chalmers

Ragna Elger, Title to be defined, preliminary date 3 June, HTC, KTH

Upcoming conferences:

9th International Symposium on High-Temperature Corrosion and Protection of Materials, 15 - 20 May, 2016, in Les Embiez Island, France, <http://www.htcpm2016.com>

Impacts of Fuel Quality on Power Production, September 19-23, 2016 in Prague, Czech Republic, <http://www.fuelqualityimpacts.org/>

4.2 Programme conference HTC/KME 2016

The 2016 programme conference will be held 15-16 March 2016 in Lund with a site visit at Kraftringen's biofuel based [CHP plant Örtoftaverket in Örtofta](#). Conference venue: Lunds University, AF-borgen. Hotel rooms are reserved at hotel Concordia.

76 participants at the moment.

5 Follow up of project

BW informed regarding status for the projects:

- KME-718. *High temperature corrosion in used-wood fired boilers – the effect of fuel additives and a new coating material*, part II of KME-708. The project is approved by SEA and the agreement is distributed to project partners for signing.

- KME-715. MH reported that project has problems regarding installation of samples in Dong's plant Avedøre. The original plan of installation in February during a cleaning stop was cancelled due to a boiler leakage and outage in late January. A new opportunity for sample installation is not yet decided. The consequence is that the project will lose one year of exposure and evaluation. It is important that the project get the information in due time needed for the preparation of the samples, and possible alterations in plans; the project needs only short notice for installation of samples.

It is important that the communication is improved within the project and MH Engineering needs the answers regarding samples and installation.

The other part of exposures in Öresundskraft Vesthamnverket proceed as planned.

The board asked BW to communicate this with Dong.

- KME-714. JL presented the distributed updated project plan for the project. The updated project plan has to be approved by SEA after approval of KME board. BW will submit the plan to SEA. The updated project plan is attached in appendix 1.

Decision: The updated and revised project plan for KME-714, according to appendix 1 was approved.

*After the meeting, it became known that the plant owner of Måbjergværket, Struer Forsyning and Vestforsyning, will be a project participant and contribute to the project with kSEK 300 as in-kind. As Struer Forsyning and Vestforsyning is not a member of KME, it is suggested by ES and BW that Struer Forsyning and Vestforsyning sign a confidentiality agreement, Undertaking, appendix 2 in the project agreements. **BW will inform the board members** and ask if anyone is against it.*

6 Economy

6.1 Budget

BW informed that SEA has, without checking with Energiforsk/KME, taken a decision that they will not make the remaining kSEK 567 available for research, and will thus not make any further call for proposals. Instead, their suggestion is to use the remaining funds for a synthesis report and/or other similar purposes (not yet defined).

It was discussed if any company has project ideas and would like to claim and make use of the remaining SEA funds

Comments from board:

- The companies should be asked separately if there are any plans for new or revised projects. It could be relevant with expansion for some of the ongoing projects.
- If funds cannot be used for research, SEA should be asked if a part of the remaining funds could be used to finance the researchers workshop, see item 8.3.

BW was given the task to send out a separate question to the companies if there are any plans for new or revised projects, and give one week of response time. If any ideas for projects, BW will then discuss with SEA if they could change the decision.

BW reminded about the upcoming reporting time: March 31 for in-kind investments.

Budget in appendix 2.

6.2 Industry financing - status

Andritz has informed that their kSEK 440 is free for others to take over. Fortum has further remaining 127 kSEK (cash)

Industry contribution in appendix 3.

7 Next call for proposals and project proposals to programme

Discussed at item 6.1 above.

8 Others

8.1 KME webb

The old KME website is outdated and is no longer working properly, and it will be phased out (located on domain elforsk.se which will be closed down). The file sharing and distribution of documents today done via the website needs to be replaced. BW informed about two alternatives for future file sharing service and ways for distribution of documents:

1. Filr, a file sharing programme/system similar to Dropbox, Project place or Sharepoint. Invitation and access to Filr is personal.
2. The new Energiforsk.se web is developed to provide the same or similar functionality as old KME web at elforsk.se.

Comments from board:

- The board preferred a website providing the same functionality as the old KME website; it has been working very well.
- It was questioned if the IT security systems would allow Filr..

BW invites EON, Vattenfall, Siemens, Sandvik HT and GKN to Filr with the aim to find out if Filr works and would be an alternative at all.

Discussion was adjourned to the next meeting when more information is known about the two alternatives.

8.2 The folder "this is KME"

The distributed final draft of the folder was discussed. The folder will be printed and distributed at the conference. The folder can be distributed freely. The folder in pdf is attached in annex 4.

Comments from board:

- Total budget in EUR should be mentioned under section Projects
- E.ON company name revised to "E.ON Sverige (representing E.ON Värme Sverige)"
- Under Results add "and institutes"; sentence should thus reads "...knowledge from universities and institutes is utilised"

Decision: The folder was approved with the above final corrections.

8.3 Researchers workshop

A researchers workshop was discussed at previous meeting. As a response on a conclusion in the evaluation of last programme period

2010-2013, "*There is a need for deepening collaboration and exchange between the different projects*", the workshop was suggested.

Comments from board:

- A researchers workshop is a new move that could be a good idea and worth to try.
- Extra funding is needed as this kind of activities is not budgeted for in original project. Besides, participation in project reference groups, which in one way is aimed to improve the collaboration and information exchange between projects, is not financed. A question to SEA would be if the remaining funds could be used to finance the workshop.

When we know if any SEA additional funds could be used to finance the workshop, BW will take action.

9 Next meetings

Suggested meeting agenda for 2016:

- Physical meeting, June 1, in Linköping at LiU, with a visit at LiU's lab and relevant research presentation. Tentative time 13-16. (HTC meeting the same day)
- Telephone meeting, October 4, 9-11.
- Physical meeting in November/December

KME/HTC programme conference 2016:

- March 15-16, Lund with a plant visit at Krafringen's new biofuel based CHP plant Örtöftaverket in Örtöfta, near Eslöv.
<http://www.krafringen.se/Om-Krafringen/Om-foretaget/Anlaggningar/Ortoftaverket/Om-Ortoftaverket/>

2017 meetings:

- Telephone meeting in February/March
- Physical meeting in May/June
- Telephone meeting in September/October
- Physical meeting in November/December

Minutes by

Bertil Wahlund

Minutes approval

Lars Mikkelsen, BWV

Minutes approval

Erik Skog, chairperson