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## Advanced Curriculum on Energy Efficient Buildings in Extreme Continental and Sunny Climate

# CEBEC

Minutes  
16<sup>th</sup> Consortium meeting

Date: November 28, 2022

Place: Zoom-meeting

Authors: Bitte Rosencrantz and Jesper Arfvidsson, Lund University  
Version: Dec 13, 2022.

### List of partners in the CEBEC project

P1 – Lund University (LU), Lund, Sweden

P2 – Tallinn University of Technology, (TalTech), Tallinn, Estonia

P3 – Mongolian University of Science and Technology (MUST), Ulaanbaatar, Mongolia.

P4 – Mongolian University of Life Sciences (MULS), Ulaanbaatar, Mongolia.

P5 – German-Mongolian Institute for Resources and Technology (GMIT), Ulaanbaatar, Mongolia.

### List of work packages

WP1 – Review and analysis of the need and content of higher Education courses on Energy Efficient Buildings and Renewable Energy taking into account local climate conditions.

WP2 – Development of new Higher Education courses in Energy Efficient Buildings and Renewable energy.

WP3 – Quality plan.

WP4 – Dissemination and Exploitation of Results.

WP5 – Management and operational structures

### List of participants in the 14<sup>th</sup> Consortium meeting

1	Jesper	Arfvidsson	Sweden	LU	P1
2	Bitte	Rosencrantz		LU	P1
3	Elisabeth	Kjellsson		LU	P1
4	Targo	Kalamees	Estonia	TalTech	P2
5	Endrik	Arumägi		TalTech	P2
6	Laura	Kadaru		TalTech	P2
7	Lkhagvadulam	Byambajav	Mongolia	MUST	P3
8	Davaatseren	Khavchig		MUST	P3
9	Erdenetsetseg	Dashidavaa		MUST	P3
10	Bilguun	Buyantogtokh		MUST	P3
11	Turbold	Banzragch		MULS	P4
12	Dulamsuren	Batsuuri		MULS	P4
13	Gombo	Gantulga		MULS	P4
14	Altangerel	Lkhamsuren		GMIT	P5
15	Gombokhurts	Dorjsundi		GMIT	P5
16	Myagmarjav	Bold		GMIT	P5
17	Renten	Nyamdulam		GMIT	P5

1. Welcome and presentation of agenda. (Appendix 5.0)

2. Presentation round of all participants.

**3. Minutes from last meeting.**

- No changes in the minutes

**4. WP2 – Status in the process of purchasing equipment (All)**

- Send copy of order of equipment and receipt of payment.
- Documentation on the tendering process, >25000 EUR.

Partner		Equipment ordered	Equipment will arrive
GMIT	?	Yes	Dec 25
MUST	?	Yes	Dec 25
MULS	?	?	To be decided

- Presentation from GMIT (Appendix 2.1)
- Presentation from MUST (Appendix 2.2)  
Bilguun B. informed about that a Technical English course is planned, including terminology for Indoor Air Quality, Solar Energy Systems and Thermal Bridges.
- Presentation from MULS (Appendix 2.3)

**5. Economy – Status of economy documents (Timesheets, Joint Declaration and VAT) Proof of employment (BR)**

	MUST	MULS	GMIT	TalTech	LU
Travel report	OK	OK	OK	OK	OK
Timesheets and Joint declarations	31-12-21 Send for 2022	31-12-21 Send for 2022	31-12-21 Send for 2022	30-04-22 Send for rest 2022	30-04-22 Do for rest 2022
VAT	Please send	OK	Please send	-	-

**6. Meeting and Course in Tallin in February (TK)**

Course	Place	Time	Comments
Course for staff	Tallin	2 weeks Feb 6 – Feb 17	3 from each university
Course for students	Lund	2 weeks Prel. May 2023	3 from each university

Topics for courses that were discussed:

- Simulations, Math-lab, energy-simulation, building-simulation
- moisture safety, energy efficiency
- Different steps in a building project – project for students.

**7. Any other business (All)**  
 Coming meetings.

Meeting	Host	Time	Comments
<b>Tallin</b>	<b>TalTech</b>	<b>Feb, 2023</b>	<b>Feb 13-14, 2023</b>
<b>Ulaanbaatar</b>	<b>MULS</b>	<b>June, 2023</b>	<b>June 5-9, 2023</b>
<b>Lund</b>	<b>LU</b>	<b>Aug, 2023</b>	<b>Aug 21-25, 2023</b>
<b>Ulaanbaatar</b>	<b>MUST</b>	<b>Nov, 2023</b>	<b>Nov 6-10, 2023</b>

**8. Next steps (JA)**

- Send Joint Declarations and Timesheets.
- Send copy of order of equipment, and receipt. (also translated to English)
- VAT – Send document.
- Proof of employment – please send document to Bitte.
- Zoom-meeting on course for staff in late December.

**9. End of meeting (JA)**

**Appendices**

- 2.1 Presentation by GMIT – will come later
- 2.2 Presentation by MUST
- 2.3 Presentation by MULS
- 5.0 Presentation Meeting