

Minutes of meeting - 3. Scientific Council Meeting of CTU UCEEB

Date: June 02nd 2021

Participants online:

<i>Name</i>	<i>Institution</i>	<i>participation</i>
Johan van Dessel	Belgian Building Research Institute (BBRI)	Yes
Wolfgang Streicher	Innsbruck University	Yes
Birgit Müller	University of Applied Sciences Berlin	Yes
Stefan Winter	Technical University of Munich	Yes
Lieve Helsen	KU Leuven	Yes
Michele Caraglia	Second University of Naples	No
Vladimír Sochor	Ministry of Industry and Trade	No
Radek Špicar	Confederation of Industry	No
Jan Řežáb	JRD Development	No
Zbyněk Škvor	Czech Technical University in Prague (CTU)	No
Lukáš Ferkl	CTU UCEEB	Yes
Robert Jára	CTU UCEEB	Yes
Antonín Lupíšek	CTU UCEEB	Yes
Eva Smolíková	CTU UCEEB	Yes

1. Programme

- 09:00** Initiation, organization
- 09:15** Summaries and conclusions from last SC - Ferkl
- 09:30** Presentation of the centre and its results in 2020 - Ferkl
- 10:30** Vision for the next years – Jára
- 12:00** Topics and questions for discussion - Lupíšek
- 13:00** End

2. Scientific Council meeting

Mr. Ferkl opened the Council meeting, welcomed its members and thanked for their personal engagement. Due to COVID measures and travel restrictions the meeting was again hold online.

Mr. Ferkl presented the agenda and aim of the meeting. He informed that he is leaving the CEO position by June 30th, **Robert Jára** will become the new director on July 1st, 2021. **Antonín Lupíšek** will be deputy director for science, research and international relations.

Mr. Ferkl briefly summarized the results of the last SC and pointed out the activities that were done till now. He showed main achievements in the field of Quality control, Communication and Team leading area. It was set up f. E. Model of competencies, including three main areas - Management and leadership, Personality, Expertise and practice. He mentioned that five main topics shall to be presented outside:

- Smart cities and urban innovations
- Energy and buildings
- Healthy and comfortable environment in buildings
- Sustainable buildings and circular construction
- Digitalization in building industry

He also pointed the main ups and downs of 2020/2021, which are:

- COVID –finances went down, 10 % of people had to be let, now the situation is slowly improving
- Institutional finances – new method of money allocation on the university level, we should reach approx. EUR 1 mil. “state” income in 2025 (largest rise within the university)
- Improvement of international projects
 - 8 running projects
 - 4 new projects last year, including two H2020
- Spin-off company (Technology Transfer Company) is being established right now.

After that Mr. Ferkl placed following questions and started discussion:

- How can we boost and speed-up technology transfer?

It was very deep discussion about possible special agreements, rights, rules in spin off companies.

- How important is the “system” and how important are “people” in specific business cases?
- Can we make templates for technology transfer?
 - Do you have any experience with Joint Venture?

- Not really a spin-off, but special purpose company to commercialize one product or range of products, including university, partner company and investor
- Can we afford to release our know-how for free?

The results of the discussion are summarized in the table below.

Mr. Jara introduced following topics:

State of the UCEEB as of June 2021:

- Institutionally, UCEEB is established and in very good condition
- Our “brand” is established in Czechia
- Position in international research space is growing
- Skilled teams of motivated researchers
- Relatively stable economic situation

UCEEB 2030 Vision: Thriving centre of innovation and technology transfer

Main attributes of success:

- Innovative environment
- Respected research competence
- High demand for collaboration from both industry and public sector
- Strongly entrenched in the international research community
- Powerful technology transfer ecosystem
- Staff engaged in education & career opportunities for students

Focus areas for change:

- Direction of research topics
- Research and Innovation
- Business development
- Technology transfer
- International collaboration
- Staff development
- Engagement in education

After that next questions were placed by Mr. Lupíšek:

- Clean technologies as a new possible future direction....?
Based on domains: construction, architecture, urban development, energy, healthy environment
- Steering interdisciplinary discussion to identify new research topics and questions
- Business Development – definition, roles, routines, synergies, sales staff
- Technology Transfer – How?
- International collaboration - Staff exchanges, networks, projects?
- Staff development – career growth, mentorship, communication
- Engagement in education

3. Evaluation results

Overview of score of collected evaluation forms from our SC members.

<i>frequency</i>	<i>Highly positiv</i>	<i>Positive</i>	<i>Satis factory</i>	<i>Unsatis factory</i>	<i>not evalua ted</i>	TOTAL
Mission, Vision, Strategy	1	2				3
Organization and leadership	1	2				3
Human resources		3				3
Infrastructure	2	1				3
External relations and communication		3				3
Results - effectiveness, transfer of results		3				3
Projects, agreements and financial sources		3				3

From the table we can see that all areas were evaluated from satisfactory to highly positive. The best rated area remains infrastructure The biggest space for improvement is seen to be in mission, vision, strategy defined by the new management and in the field of communication and external relations.

4. Next steps

Next steps will now be defined by the new management.