



International Conference

Requirements For Construction Professions In The Implementation Of A Carbon-free Europe Strategy

Motto: Not merely wind, solar and nuclear power plants and electric cars are essential for the road to a carbon-free Europe. An equally important task is the ongoing transformation of the construction industry, energy savings in the building materials production, during construction, but especially in the process of their use. Construction 4.0 will require significant changes in the knowledge and skills of most of the craft professions involved in new energy-efficient houses and a new approach to renovations. As part of the European H2020 program, a joint project of four European countries - CraftEdu - has been underway on this topic, which the conference will present.

Date: February 18, 2021 from 9:00 to 15:30

Venue: **Face-to-face Event** - Architecture and Building Foundation, Prague 1, Wenceslas Square 833/31; Czech Republic

Online Event - ABF Stream

Registration: <https://database.craftedu.eu/cs/course/7>

ABF Stream: <https://youtu.be/p0z9r1E1a1E>

Venue and form: Combined real-time and online conference form

Lecturers will present their talks in person from the ABF Foundation hall or as pre-recorded videos, or with an online connection in real-time. Inquiries and chats will be conveyed through a separate channel. It will be possible to watch the conference in person (in the meeting room or via broadcast) or from a recording. The attendance at the conference is expected to be free of charge. The languages of the proceedings will be Czech and Slovak (German, Bulgarian or English talks will be translated into Czech).

Target groups: Slovak and Czech apprentices, students of secondary vocational schools, universities, organizers and lecturers of lifelong learning academies from the non-profit sector, manufacturers of building materials, contractors, professional guilds and associations, CraftEdu Consortium representatives and lecturers, officials of the Ministry of Industry and Trade, the Ministry of Education, Youth and Sports and their relevant facilities.



This project has received funding from the European Union's Horizon 2020 programme under the Grant Agreement No 785036 – CraftEdu.

Conference Program:

9:00 – 9:30 Hooking and registration of participants for online meetings/registration on site
30 min.

Part 1: Carbon-free Europe and Construction Sector

Moderator: *Jan Fibiger (ABF Foundation)*

09:30 – 09:40 Official launch

10 min. *Jiří Karásek (SEVEn)*

09:40 – 09:50 Carbon-free Europe program and the Czech way to achieve this goal

10 min.

The representative of the Ministry of Industry and Trade of the Czech Republic

09:50 – 10:00 Carbon-free Europe program and the Slovak way to achieve this goal

10 min.

The representative of the Ministry of Economy of the Slovak Republic

10:00 – 10:20 The importance of European projects to prepare artisans for the task of the EU (EASME) construction sector energy transformation

20 min.

EU representative

10:20 – 10:40 National Pedagogical Institute of the Czech Republic

20 min.

The representative of the Ministry of Education, Youth and Sports

10:40 – 10:50 The position and prestige of artisans in the Czech Republic

10 min.

Roman Pommer (Economic Chamber of the CR)

10:50 – 11:10 The demand for foreign workers and their training

20 min.

Jiří Nouza (SPS in the Czech Republic)

11:10 – 11:20 The importance of EU cooperation in building up craft professions

10 min.

František Doktor (ViaEuropa, SK)

11:20 – 11:40 Presentation of the CraftEdu Project RELEVANCE AND OBJECTIVES and the participation of individual countries

20 min.

Jiří Karásek (SEVEn)

11:40 – 12:40 Q&A, break - Pilot courses programs and 2020 Construction of the Year presentation video montage

60 min.



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Part 2: Teaching materials and learning opportunities

Moderator: Renáta Schneiderová Heralová (ČVUT)

- 12:40 – 13:10 Introduction to the Slovak way**
30 min. *Zuzana Kyrinovičová (UVS, SIEA, SK)*
- 13:10 – 13:30 Introduction to the Austrian way in the installation of windows**
20 min. *Ronald Setznagel (17&7, AT)*
- 13:30 – 13:50 Introduction to the Bulgarian way**
20 min. *Dragomir Tzanev (EnEffect, BG)*
- 13:50 – 14:10 Introduction to teaching materials**
20 min. **Presentation of the Czech way**
Jan Fibiger (ABF Foundation)
- 14:10 – 14:30 Educational programs databases and e-learning content**
20 min. *Jiří Karásek (SEVEn)*
- 14:30 – 14:50 Presentation of Construction details permanent exhibition in the ABF Hall**
20 min. *Jan Veleba (SEVEn), Video with commentary (structural models, thermal camera, CO² measurement)*
- 14:50 – 15:30 Deployment options of ongoing pilot projects and the offer available for vocational schools, apprenticeships and academies**
40 min. **Discussion panel with potential users of the prepared program**
Jan Fibiger (ABF Foundation)

15:30 – 15:40 Official meeting conclusion

10 min. *Jiří Karásek (SEVEn)*



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