

# 11th Nordic Conference on Construction Economics and Organisation 2022: SDGs in Construction Economics and Organisation

Conference program and information  
Final version 13/05-2022

18-20 May 2022

Malmö and Copenhagen



# Program

This is the preliminary program for the 11th Nordic Conference on Construction Economics and Organisation. Changes may occur.

## Wednesday 18 May 2022

- 12.00-17.00 Doctoral seminar: Presentation of the researcher in everyday life, Nöjesteatern, Malmö
- 18.00- Informal welcome reception, Funnys Äventyr Per Albin Hanssons väg 36D, Malmö

## Thursday 19 May 2022

- 08.00-09.30 Bus transport from AAU, Copenhagen (A.C. Meyers Vænge 15) to Malmö
- 09.30-12.00 Study Visit at Malmö New Hospital (Jan Waldenströms gata 52, Malmö)
- 12.00-13.00 Lunch and registration
- 13.00-13.30 Official welcome
- 13.30-16.00 Workshop on SDGs in construction economics and organization: Towards a collective research agenda for the Nordic Universities?
- 16.00-17.30 Bus transport from Malmö New Hospital to AAU, Copenhagen
- 18.00-22.00 Conference dinner at AAU, Copenhagen

## Friday 20 May 2022

Venue: Aalborg University, Copenhagen (A.C. Meyers Vænge 15)

- 08.00-08.30 Arrival, registration, breakfast and networking

### **Plenary Session**

- 08.30-09.00 Opening session (in Konferencesalen)
- 08.30-08.45: Welcome (Göran Lindahl, Chalmers University of Technology)
  - 08.45-09.00: Practicalities (Stefan Christoffer Gottlieb, Aalborg University)

## Parallel sessions

09.00-10.30 Session 1a: Education and social sustainability (in room 2.1.009)

*Session Chair: Rebecka Lundgren, Lund University, Sweden*

- Mahgol Afshari, Alenka Temeljotov Salaj, Agnar Johansen, Jardar Lohne: *Identifying methods and tools toward more people friendly environment – a scoping review*
- Radhlinah Aulin, Vera Rytter. *Social sustainability in a gender biased occupation*
- Nicolaj Frederiksen, Henrik Kryger Madsen, Hanne Tønder Ludvigsen, Mikkel Bruun Primdahl, Marianne Forman: *Pursuing organisational change in construction education by implementing change projects*
- Theophilus Olowa, Emlyn Witt, Irene Lill. *BIM for construction education in Nigeria*
- Martine Buser, Dimosthenis Kifokeris. *Addressing minority discrimination in a master's education program for construction management*

Session 1b: Business processes and the circular economy (in room 2.1.042)

*Session Chair: Lasse Fredslund, Aalborg University, Denmark*

- Lin Kjerulf, Kim Haugbølle. *Theoretical framework of circular business model innovation for building contractors*
- Francesca Vergani, Rikard Sundling, Carlos Martinez. *Ecosystems and reuse of building materials: an exploratory study*
- Christian Thuesen, Claes Seehausen Lindtofte, Sophie Führer, Janak Raja. *Circular Construction Platforms – a systematic literature review*
- Artur Tomczak, Ole Jonny Klakegg. *Blue Ocean Strategy for business case of building components designed for disassembly*

Session 1c: Renovation and resource efficiency in the built environment (in room 2.1.043)

*Session Chair: Tom B.J. Coenen, University of Twente, The Netherlands*

- Terttu Vainio, Eero Nippala. *The best solution for renovation in terms of climate and economy*
- David Glen King, Nadeeshani Wanigarathna, Keith Jones, Joseph Ofori-Kuragu. *A Delphi pilot study to assess the impact of location factors for hyperscale data centres*
- Anandasivakumar Ekambaram, Daniela Baer, Lillian S. Rokseth, Pål C. B. Vågbø, Håvard Bergsdal, Nina H. Sandberg. *Replication and upscaling of energy efficient solutions in the building sector*
- Marit Støre-Valen, Alenka Temeljotov-Salaj, Bintang Noor Prabowo. *Motivation for doing a sustainable building renovation from a Norwegian building owner's perspective*

## Plenary Session

10.30-11.30 **Keynote speech (in Konferencesalen)**

*Session Chair: Stefan Christoffer Gottlieb, Aalborg University, Denmark*

- 10.30-11.00: Anders Strange Sørensen, Head of Sustainability, Enemærke og Petersen A/S
- 11.00-11.30: Questions and discussion

11.30-12.30 **Lunch**

## Parallel sessions

12.30-14.00 Session 2a: Innovations and digitalization for sustainable development (in room 2.1.043)

*Session Chair: Dimosthenis Kifokeris, Chalmers University of Technology, Sweden*

- Erik Gran, Javier Alonso Madrid, Guillermo Sotorrio Ortega, José Antonio Tenorio Ríos, Nils O.E. Olsson. *Conceptual study and literature review of integration of lean manufacturing and 3D printing in construction to support sustainability*
- Kaleem Ullah, Emlyn Witt, Irene Lill. *BIM adoption processes: findings from a systematic literature review*
- Marco Alvisè Bragadin, Luca Pozzi, Kalle Kähkönen. *Multi-objective genetic algorithm for the time, cost and quality trade-off analysis in construction projects*
- Emlyn Witt, Kalle Kähkönen, Marco Alvisè Bragadin. *Defining Requirements for a BIM-enabled Learning Environment*

Session 2b: Policy support for sustainability and the circular economy (in room 2.1.042)

*Session Chair: Lin Kjerulf, Aalborg University, Denmark*

- Rebecka Lundgren, Riikka Kyrö, Stefan Olander. *Circular Economy in the Nordic Real Estate and Construction Industry – a policy review*
- Lasse Jes Mann Fredslund, Stefan Christoffer Gottlieb, Christian Koch. *Circular Supplier Partnerships for Resource Economic Marketization in the Construction Industry*
- Tom B.J. Coenen, Klaasjan Visscher, Leentje Volker. *Circularity in the built environment: A goal or a means?*
- Christian Koch, Martine Buser, Rickard Andersson. *The impact of the EU taxonomy of sustainable finance on the building field*

Session 2c: Production and procurement for sustainable development (in room 2.1.009)

*Session Chair: Nicolaj Frederiksen, Aalborg University, Denmark*

- Neil Govender, Samuel Laryea, Ron Watermeyer. *Price Tendering in the South African Consulting Engineering Industry*
- Stefan Olander, Henrik Szentes. *Managing procurement ability over time – A study of Swedish construction clients*
- Ali El Chaabi, Nikolaos Anevlaivis, Christian Thuesen. *Conceptual Maturity Model for Strong Owner Capability Development in the Construction industry*
- Jardar Lohne, Knud Mohn. *On silos and transparency in construction industry materials value chains*
- Atle Engebø, Julian Andreas Moen Rygh, Ole Jonny Klakegg, Jardar Lohne, Ola Lædre. *Experiences from implementing a collaborative project delivery method*

## Plenary Session

14.00-14.30: Closing of the conference (Konferencesalen)

*Session Chair: Göran Lindahl, Chalmers University of Technology, Sweden*

14.30-15.00: General Assembly of CREON

# Practical information

## Passports

Remember to bring passports or other recognized ID when crossing Öresund and the border between Denmark and Sweden.

## COVID-19

There are no COVID-19 related restrictions on entry into Denmark. General COVID-19 restrictions no longer apply in Denmark. However, on board airplanes you may be met with requirements regarding COVID-19 certificate, and when visiting homes for the elderly, social institutions and hospitals you may be met with requirements regarding face masks.

Please be aware that businesses and private cultural institutions are allowed to make their own requirements regarding face masks, shields, COVID-19 Certificates etc. Please comply with such requirements.

You can find more information on the following website: <https://en.coronasmitte.dk/>

# Information for presenters

## *General preparation and information*

1. During the oral presentation a projector will be used, which will require all presentations to be in PDF or PowerPoint format
2. Remember to ensure readability and select a font size that can be read from the back of the room.
3. Presentations must be in landscape page orientation, and you should refrain from using any animations or special effects unless necessary.

## *Prior to the presentation*

4. Please find your session chair prior to the start of your session to let them know you are present. The name of the session chair can be found in the program that is handed out at the conference.
5. Arrive a few minutes prior to the start of session and provide the chair with a copy of your presentation on a USB stick. All presentations must be uploaded prior to start of the session.
6. You must keep to the allotted time given for your presentation. The session chair will inform you of his or her method used to alert you of time limits during the actual presentation.

## *During the presentation*

7. The presentation itself is limited to 10 minutes. We suggest that you only bring maximum of 6 slides as time limits will be enforced strictly to allow spectators to attend presentations in multiple tracks.
8. We would ask you to be sensitive to your audience:
  - 8.1. You should assume some familiarity with your topic in general, however avoid jargon and acronyms.
  - 8.2. Keep language simple and understandable and strive to clarify rather than to obscure.
  - 8.3. Eliminate everything that is not directly related to the point of your presentation. If you e.g. report on results from multiple case studies it is not necessary to go into detail with each and every case. Present just one case for illustrative purposes and focus on the more general results and implications.
9. Have fun!

## *After the presentation*

10. Each presentation will be followed by app. 5 minutes of Q&A. The session chair will facilitate this part of the session – and most likely ask the first question.
11. After all individual presentations and Q&A, remaining time will be used to have a general discussion across all papers.
12. Session chairs and presenters have been assigned specifically to a session within their area of expertise to accommodate for dialogue and knowledge exchange.

# Information for session chairs

## *Prior to the conference*

1. Please read the at least the abstracts to get acquainted with the content of the papers being presented.

## *Prior to the session*

2. Show up at the session room 10-15 minutes before the session begins. Identify the presenters in advance and introduce yourself. If in doubt, ask the presenters how their names are pronounced.
3. Inform the presenters of the time limits and how you will alert them of time limits during the presentation.
4. Ask for USB sticks with presentations from all the presenters in advance, and upload these to the computer.
5. Check the number of slides in each presentation. An appropriate number is 6 slides for a 10-minute presentation. If the number of slides is in excess, advise the presenter to speed up or skip certain slides.

## *During the session*

6. At the start of the session, introduce yourself to the audience, announce the session/title, and offer a brief overview indicating how the papers are related.
  - 6.1. The organizing committee has themed the papers; however, last minute changes might have occurred – and in any case the audience will appreciate a short comment on the papers.
7. Introduce the speakers with brief comments regarding the affiliation and/or background of each presenter.
8. Prior to each presentation, announce the paper's title, authors' names and their affiliations. Identify the individual who will be speaking if it is someone other than the first author.
9. Start the PowerPoint presentation for the author.
10. During the presentations enforce time limits strictly so that no one (incl. audiences) monopolizes someone else's time. Presenters each have 10 minutes allocated for their presentation followed by 5 minutes Q&A.
11. Once presentations are complete, the remainder of the time (15-30 minutes) will be used for discussions with the audience and session participants. It is your job to field questions from the audience.
  - 11.1. Prepare one or two questions per paper in advance to get the discussion started if none in the audience has a question. Alternatively, ask the audience to debate with their neighbours the main findings, limitations of the study presented or other questions of your liking.
12. Round off the session by summing up the key points of the session. Thank the speakers and the audience.

## *In general*

13. Try to conduct the session as informally as possible (e.g., use first names when addressing participants and members of the audience) to encourage as much audience participation as possible.
14. Try to involve the audience as much as possible and encourage discussions between the presenters also.
15. Please stick to the timetable.