



Towards lower carbon footprint of infrastructure in the Nordics

State of the art on methods and calculations

WEBINAR 2nd NOVEMBER 2022

Time: 09.00–15.30 CET

Programme:

- 09.00–09.05 **Welcome and introduction** – *Karoliina Saarniaho, Finnish Transport Infrastructure Agency, Finland*
- **SESSION 1: Documentation of CO₂ reduction**
- 09.05–09.30 **EPDs and databases to support documentation and strategies** – *Ole Magnus Kålås Iversen, LCA.no, Norway*
- 09.30–09.50 **How do we verify requirements and document CO₂-reducing initiatives?** – *Åsa Lindgren, Swedish Transport Administration, Sweden*
- 09.50–09.55 Break
- 09.55–10.15 **BEAst; Digital transition of data** – *Martin Strid, Swedish Transport Administration, Sweden*
- 10.15–10.35 **How can National Road Authorities use data to drive innovative solutions?** – *Christian Axelsen, Danish Road Directorate, Denmark*
- 10.35–10.50 Break
- **SESSION 2: CO₂ data in Information Modelling**
- 10.50 **Intro** – *Bob Hamel, Norwegian Public Roads Administration, Norway*
- 10.55–11.15 **BIM and LCA: state of the art** – *Ole Magnus Kålås Iversen, LCA.no, Norway*
- 11.15–11.35 **Reflections from a BIM perspective** – *Anna Neidenström, Swedish Transport Administration, Sweden*
- 11.35–11.40 **Outline of the NordLCA+ project on further work** – *Bob Hamel, Norwegian Public Roads Administration, Norway*
- 11.40–12.30 Lunch break
- **SESSION 3: State of the art and latest developments**
- 12.30 **Intro** – *Åsa Lindgren, Swedish Transport Administration, Sweden*
- 12.35–12.55 **LCA in the Nordics: state of the art**– *Michael Stevns, Rambøll, Denmark*

- 12.55–13.15 **InfraCO2 database and scenario development** – *Tarja Häkkinen, Finnish Environment Institute, Finland*
- 13.15–13.20 Break
- 13.20–13.40 **Net zero emissions in supply chains, Mistra Carbon Exit program** - *Filip Johnsson and Aaron Qiyu Liu, Chalmers, Sweden*
- 13.40–14.00 **Using Bio Carbon as a CO₂-reducing initiative** – *Loke Braseth-Gulliksen, Svevia, Norway*
- 14.00–14.15 Break
- **SESSION 4: Monetizing and financing CO₂ reducing initiatives**
- 14.15 **Intro** – *Christian Axelsen, Danish Road Directorate, Denmark*
- 14.20–14.40 **Establishing a catalogue of instruments for reducing CO₂-emissions**– *Ditte Mathiasen, Danish Road Directorate, Denmark*
- 14.40–15.00 **EU's taxonomy on infrastructure**– *Magnar Bjerga, Multiconsult, Norway*
- 15.00–15.20 **Benefits of linking cost management and CO₂ database development** – *Tiina Perttula, Rambøll, Finland*
- 15.20–15.30 **Wrap up of the day and questions**

Contact

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