

Nordic Best Practice on LCA in Infrastructure

What can we learn from fellow countries and cases?

WEBINAR 10TH NOVEMBER 2021

PROGRAMME:

08.45 - 09.00 Welcome and introduction

Session 1: Good practical examples

Intro

09.05 - 09.25 Sustainable concrete initiative, bridge optimization - TBC, Denmark

09.25 - 09.45 GHG reduction in E18 Vestkorridoren - Nina Mari Jørgensen, Norwegian Public Roads Administration, Norway

09.45 - 09.50 Break

09.50 - 10.10 Climate requirements and sustainability in the railway project four tracks Malmö - Lund - Lina Sandvik, Swedish Transport Administration, Sweden

10.10 - 10.30 Estimating the impacts on carbon sinks in infrastructure projects - Heini Koutonen, Ramboll, Finland

10.30 - 10.45 Break

Session 2: Costs of CO₂

10.45 Intro

10.50 - 11.10 Carbon-cost model - Tabita Gröndal, Sweco, Sweden

11.10 - 11.30 Coupling LCA and monetizing effectiveness of initiatives through socioeconomic analyses - Mette Birkedal, Danish Road Directorate, Denmark

11.30 - 12.15 **Lunch**

12.15 - 12.30 General chat

Session 3: Standardization and how to count

12.30 Intro

12.40 - 13.00 Estimation emissions in baseline 2005 - Oddbjørn Dahlstrøm Andvik, Asplan Viak, Norway

13.00 - 13.20 InfraCO₂ database development - Tarja Häkkinen, Finnish Environment Institute, Finland

13.20 - 13.40 Break

Session 4: Digitalization and 3D modelling

- 13.40 Intro
- 13.45 - 14.05 Combining 3D modelling and LCA - Alen Begic, Norwegian Public Roads Administration, Norway
- 14.05 - 14.25 Geokalkyl: CO₂ and costs visualized in 3D - Maria Björkgren, AFRY, Sweden
- 14.25 - 14.45 Open roads - TBC, Denmark
- 14.50-15.00 Wrap up of the day

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