

GREEN ROAD INFRASTRUCTURE WORKSHOP

Organised by the COOEE project

Preliminary programme

28th November 2013



Day 1: **Strategic focus**

Brief presentations by Danish and international key stakeholders, followed by a panel discussion.

Time	Presenter	Title of presentation
11.30 – 12.00		Registration
12.00 – 13.00		Lunch
13.00 – 13.10	Jeppe Dyre Roskilde University	Welcome and introduction
13.10 – 13.30	Birte Holst Jørgensen Technical University of Denmark	Let's roll – some perspectives on green road infrastructure
13.30 – 13.50	Niels Christian Skov Nielsen Danish Road Directorate	Implementation of CO ₂ emission strategies in road maintenance and operation
13.50 - 14.10	Steve Phillips Conference of European Directors of Roads	Road owners addressing the energy challenge
14.10 - 14.30	Anders Hundahl Danish Asphaltpavement Industry	How CEE can contribute to job creation and growth in the industry?
14.30 – 15.00		Coffee break
15.00 – 15.20	Per Homann Jespersen Roskilde University	A green strategy for the Danish transport sector
15.20 – 15.40	Michael Svane Confederation of Danish Industry	Green road transport as seen by industry
15.40 – 16.00	Niels Buus Kristensen Technical University of Denmark	The requirement for road transport CO ₂ reductions and the role of reduced rolling resistance
16.00 – 16.20	Per Andersson Swedish Transport Administration	Experiences from Sweden; LCC/ LCA with focus on energy and climate
16.20 – 17.30	Moderator: Anders Kargo NCC Roads Denmark	Open discussion
17.30 – 18.30		Pre-dinner drinks. A small exhibition showing thin and plane sections of the COOEE asphalt pavements
18.30 -		Dinner at the Royal Danish Academy of Sciences and Letters

Location

Royal Danish Academy of Sciences and Letters, H. C. Andersens Boulevard 35 in central Copenhagen

Organisers

Bjarne Schmidt, Mette Holm Duelund, Brian Gross Larsen (Danish Road Directorate)
Jeppe Dyre, Jesper Larsen (Roskilde University)

Contact

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Day 2: **Technical advances**

Morning session: Pavement and Tires

Afternoon session: Measurement and modelling of rolling resistance

Time	Presenter	Title of presentation
09.00 – 09.30	Claire Lemarchand Roskilde University	COOEE bitumen aging: from chemical to mechanical properties
09.30 – 10.00	Mattheo Pettinari Technical University of Denmark	Mechanical behavior prediction of low rolling resistance mixtures
10.00 – 10.30	Martin Kriegisch Austrian Institute of Technology	Project MIRAVEC - Modelling Infrastructure influence on RoAd Vehicle Energy Consumption
10.30 – 11.00		Coffee break
11.00 – 11.30	Bjarne Bo Jensen NCC Roads Denmark	New test section with low rolling resistance asphalt types
11.30 – 12.00	Niels Dujardin Danish Road Directorate	Rolling resistance measurements in Denmark in 2013
12.00 – 13.00		Lunch
13.00 – 13.30	Paul Fortuin Rijkswaterstaat	Influence of road surface type on rolling resistance for the Netherlands' highway network
13.30 – 14.00	Lasse Grinderslev Andersen Roskilde University	From pavement measurements to rolling resistance assessment
14.00 – 14.30		Coffee break
14.30 – 14.55	Per Ullidtz Per Ullidtz ApS	Rolling resistance due to pavement deformation
14.55 – 15.10	Nick Thom University of Nottingham	The influence of pavement layer stiffnesses on rolling resistance
15.10 – 15.30	Jørgen Krarup Greenwood Engineering	Assessment of pavement deformation under rolling wheel
15.30 –	Bjarne Schmidt Danish Road Directorate	Concluding remarks

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