



WELCOME

to

Session 3-4

***Environmental Focus on
Roads and Pavements***



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- **Environmental Focus on roads and pavements**
- This session is hosted by
 - *NVF's Road Pavements Committee*
(NVF utskott beläggningar; former NVF 33)
with assistance from
NVF's Road Construction Committee
(NVF utskott Vägens konstruktion; former NVF 34)



Session 3-4 PROGRAM

- **Leena Korkiala-Tanttu**; Finland
How environmental impacts can be part of the DB (Design and Build) tendering
- **Ole Jan Nielsen**, Denmark
Energy Saving Road
- **Carl Christian Thodesen**, Norway
Recycled Asphalt
- **Björn Kalman**, Sweden
A green future for asphalt Pavements
- *Chaiman: Lars Forstén*

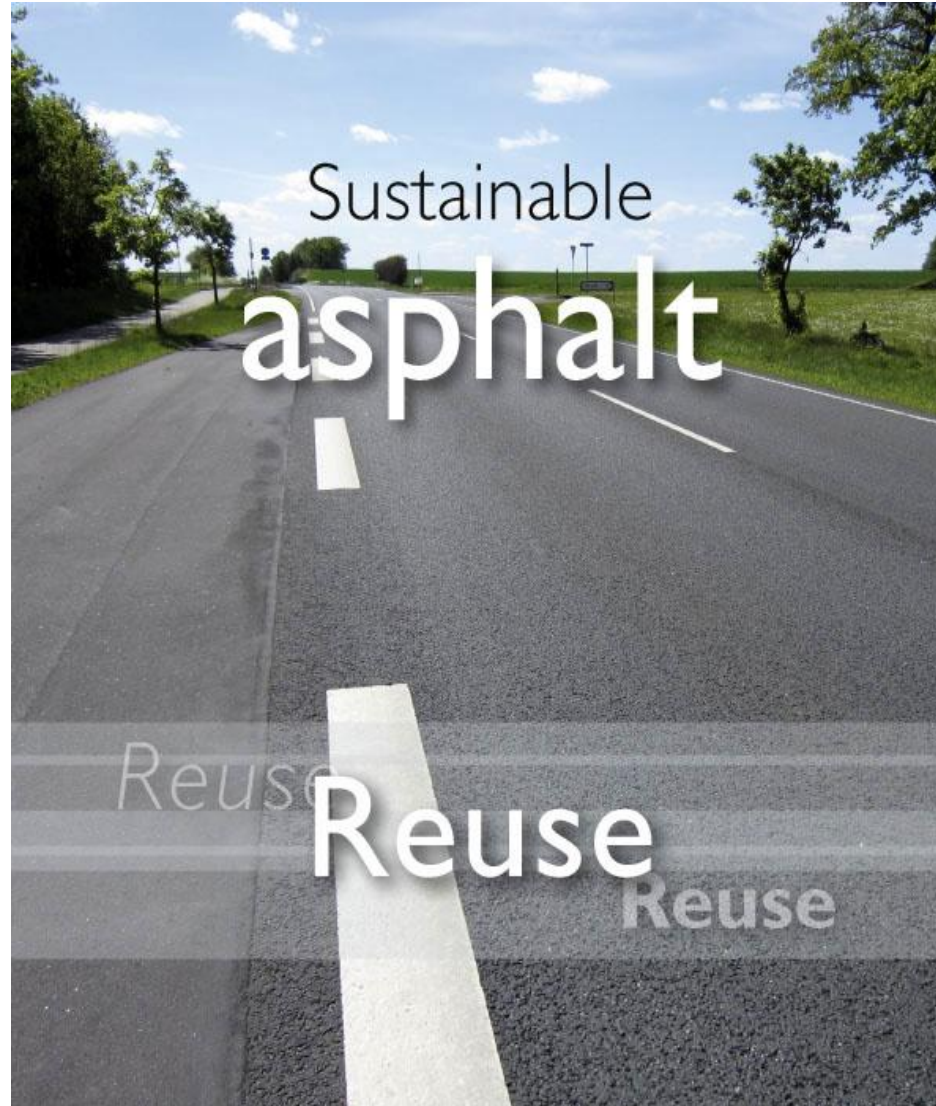


Session 3-4 Background

- NVF's Pavement Committee has for many years worked with topics concerning *HSE, Energy Savings and Reduction of emissions.*
 - *The Green book of asphalt*
 - *Green Asphalt – brochure, both* 2000
 - *Sustainable pavements* 2009
(*Low Temperature Asphalt*)
 - *Work Safety* 2010
 - *Recycling* 2011
 - *Sustainable Asphalt – brochure* 2012
- [Welcome to visit the stand!](#)



Session 3-4 Broschure





Asphalt Recycling in the Nordic Countries (NVF 2011)

- The Asphalt Industry is rather good in Recycling.
- We do much more recycling than we announce.
- We keep statistics only on the reuse (recycling) that is made at the asphalt plants. No statistics are being made on the recycling that is made on the road.

- The RC-percentages in the Nordic Countries were 2010:

<u>Country</u>	<u>RC asf.plant</u>	<u>RC total</u>
Finland	12,6 %	(26,2 %)
Iceland	2,3 %	
Denmark	8,3 %	
Norway	7,0 %	
Sweden	7,0 %	(12,3 %)

- Holland (>40%) and Germany are reusing more old asphalt (RAP) than Finland



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