



**Statens vegvesen**

Norwegian Public Roads  
Administration



**Statens vegvesen**  
Norwegian Public Roads  
Administration

# Program for NVF seminar in Flåm September 2026

22-24.09. 2026

Kenneth Lyngsgård



Foto: Statens vegvesen Gudvangatunnelen

# Practical Information

Dates: 22-24 September 2026

Location: Fretheim hotel Flåm (Can be changed)

Departure from Flesland at 0900 22.09.2026



# Day 1

- ▶ Guided bus tour from Flesland to Flåm. The section has 51 tunnels.
- ▶ At Voss: Exercise with the fire department in the Vangstunnelen. Visit the new fire station.
- ▶ Information about the fire in the Gudvanga Tunnel in 2013
- ▶ Fretheim hotel, dinner. After dinner and check-in, there will be a theoretical review of the upgrade of the Lærdal Tunnel for about 1 hour, then a bus trip to the tunnel for an inspection.
- ▶ Lærdal Tunnel, inspection 2100-2300

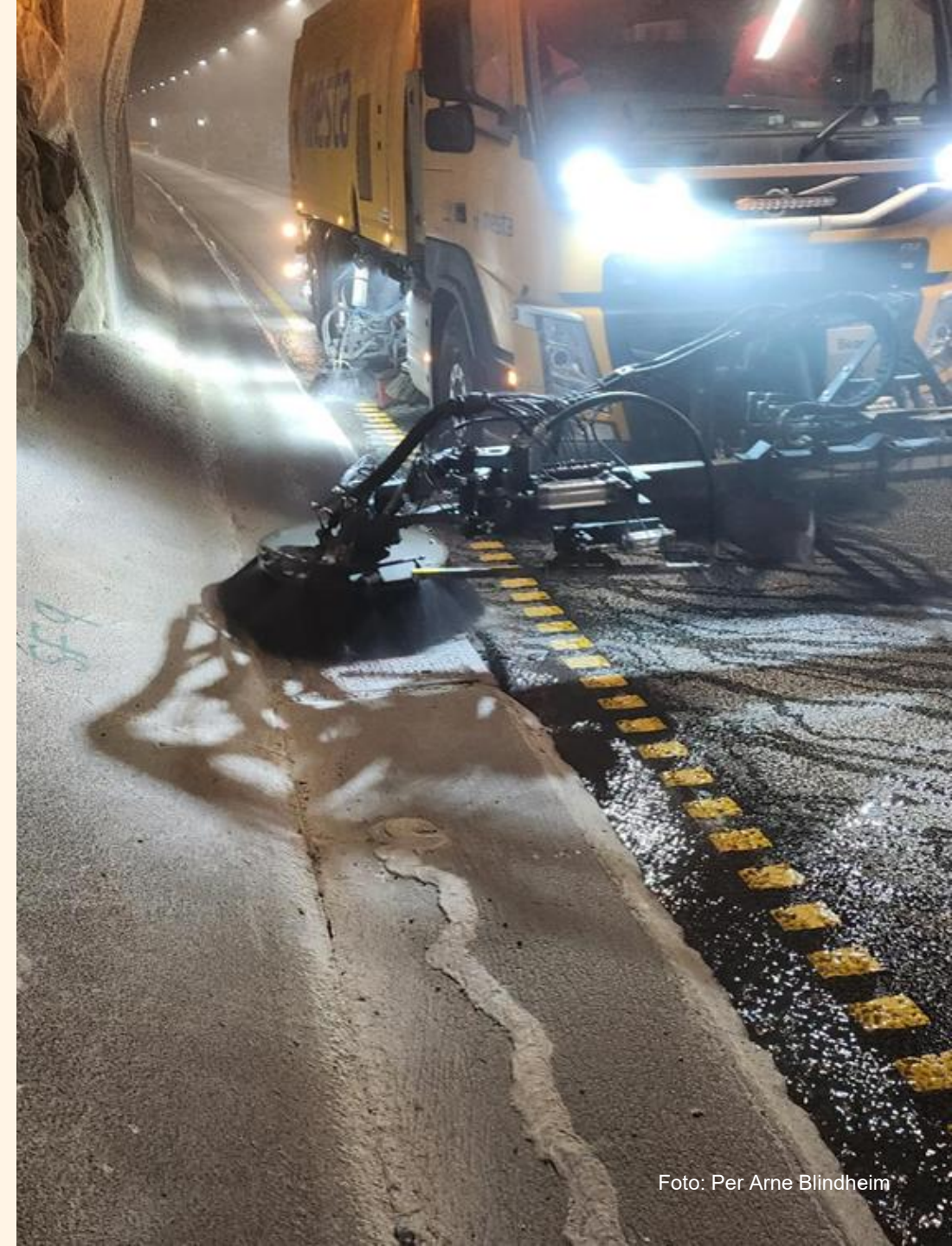


# Day 2 part 1

**Topic:** Operation and maintenance of tunnels. How do we ensure the longevity of the installations (Operating instructions and lifetime calculations)

- Tunnel cleaning methods and equipment
- Rock and rock protection, inspections and measures
- Routines for electrical installations
- Automation, service agreements and operation of these (FRAP Norway)
- The Norwegian Road Supervisory Authority shows examples of defects they have found in tunnels during their inspections.

(This program will be more detailed over time, need input).



# Day 2 part 2

- ◆ News from the member states: Each delegation gets 15 minutes to talk about the status of new projects and any challenges.
- ◆ Research: SINTEF/RISE/NTNU talks about fire-resistant sumps, culverts and intake sumps that have been researched, and the results of these.
- ◆ Joint project E16 Arna Stanghelle: Informs about status and project. How to reduce greenhouse gas emissions when building a tunnel.
- ◆ Thomas Levin talks about the new emergency network, robust mobile network. Discussion afterwards: What about the need for emergency phones in tunnels?
- ◆ Evening: Ægir brewery. Voluntary social gathering, dinner



# Day 3

- ▶ 0900 – 1000. Quick recap after two hectic days
- ▶ Return by train via the Flåm Railway to Bergen



# I need help with the following:

- ▶ We need to know how many people want to participate. Those who have not responded to the survey, must do so by the end of next week. This will not be a binding registration
- ▶ The survey was sent by email by Marius Slinde
- ▶ If you have suggestions for topics and speakers, please send me an email.
- ▶ Kenneth Lyngsgård  
[kenneth.lyngsgard@vegvesen.no](mailto:kenneth.lyngsgard@vegvesen.no)

