

12.12.2024

Action plan for Operation and Maintenance

Plan for period 1st July 2024 - 30th June 2028

Chairperson: Jens Kofoed, jkk@vd.dk

Vice-Chairperson: Jens Peter Langballe Sørensen, jpls@syddjurs.dk

Terms of Reference




A working group will be established to exchange experience in operation and maintenance and will deal with i.e., the following matters:

- a) Winter operation
 - Key figures and market statistics, continues, updating the common Nordic statistics about winter services
 - Contracting / procurement, incl. dynamic salting, existing knowledge about winter services, effective maintenance and operations
 - How can winter services become more sustainable, incl. in connection with recovery and recycling, transport and spreading of salt as well as snow clearing?
 - Winter maintenance for pedestrians and cyclists
 - Digitalization and predictive maintenance, incl. use of data from vehicles, mobile sensors, AI, etc.
 - Electrification of Winter Operation
- b) Asset management focusing on other assets (not structures and surfacing)
 - Relevant data for maintenance, incl. lifetime, replacement intervals, etc.?
 - How to prioritize across assets?
 - Benchmarking of Asset management systems in the Nordic countries.
- c) Climate and resilience
 - How to prepare for natural phenomena in maintenance? How to react in contracts and in practice to different kind of winters (equipment requirements, forecasting)?

2025 deadlines:

Focus areas and Planned Actions: 15th October 2024
Reporting and follow-up on the action plan: 1st November 2025

Focus Areas	Planned Actions	Short Report on the Completed Plans
<p>The operation and Maintenance group has app. 45 members, divided into three different working groups:</p> <p>Asset Management (app. 15 members) Chair: Susanna Suomela, SF Vice-Chair: Håkon Ø. Alstad, N</p> <p>Climate and Resilience (app. 8 members) Chair: Hjalti Gudmundsson, ISL Vice-Chair: Anna Arvidsson, S</p> <p>Winter (app 25 members) Chair: Andreas Bäckström, S Vice-Chair: Anna Arvidsson, S</p> <p>Asset Management:</p> <p>The working group is set to share knowledge and information on asset management practices in each member country, including asset management systems, data collection, new technologies, prioritizing, economics, etc.</p> <p>Climate and Resilience:</p> <p>Climatic change is one of the most important</p>	<p>The O&M group arranges a Kick-off meeting in 2024.</p> <p>In the coming years there will be a winter meeting (January) on Teams and a summer meeting physically (June).</p> <p>On these meeting we will follow and discuss the work of the three working groups and other related topics.</p> <p>Asset Management:</p> <p>Meetings: # 0: Tue 22 Oct 2024 Teams (2 h), Topic: organizing, setting a chairman and a co-chairman, round the table (presentations, needs, interests, skills)</p> <p># 1: Wed 11 Dec 2024 Teams (2 h), Topic: Foundation for Asset Management, new technologies</p> <p>#3: March/April Teams (2 h), Topic: to be defined</p> <p>#4: O&M Summer Meeting in Faroe Islands, Topic: Team building</p> <p>Climate and Resilience:</p> <p>The group plan to collect stories of weather incidences on a regional scale and record the impact</p>	<p>The Kick-off meeting was held on Teams 7/10. 28 members participated.</p> <p>The three working groups were formed, and their Kick-off planned.</p> <p>Asset Management:</p> <p>Detailed plan has not been made yet. The group has met and discussed the plans, goals and actions regarding the objectives of the group. In the first meeting the members shared what they want to contribute to the work as well as proposals for current topics. This will be the basis for a more detailed plan. Each meeting agenda will be planned based on the topics the group finds currently fruitful to share or discuss.</p> <p>Climate and Resilience:</p> <p>Detailed plans have not been formed at this stage, however, the group has met and discussed the plans, objectives and actions</p>

<p>environmental issue in recent times.</p> <p>As temperature rises, a simplified reaction of the regional weather systems is increased storm activity.</p> <p>This scenario has in most cases a significant effect on transport infrastructure which in turn disrupts the daily life.</p> <p>The group will focus on these weather incidences affecting the transport infrastructure and propose possible ways to increase resilience of the system against climate change.</p> <p>Winter:</p> <p>The working group at first aims to create an basic understanding of how the Nordic countries are structured in terms of private and government organizations to solve the need for sustainable winter road maintenance.</p>   	<p>on the transport infrastructure.</p> <p>This will be implemented by collecting information and data from various relevant state, regional and local authorities.</p> <p>The actions implemented by the relevant authorities, to prevent damage and disruption of the system, will be summarized.</p> <p>The group will present the result in other relevant groups and in a special online seminar dedicated to the result.</p> <p>Winter:</p> <p>Activity # and THEME</p> <p># 0, Mon 21 Oct 2024 Teams Online (1,5h) Kick-Off, Organizing, Short Self-Presentation</p> <p>#1, Fri 7 Feb 2025 Teams Online (2h) at 9-11 Short presentation of organization, Business intelligence (BI)</p> <p>#2, 1X-1X June 2025 Torshavn, Faroe Islands DoU Summer meeting, Team building</p> <p>#3, Fri 12 Sep 2025 Teams Online (2h) at 9-11 Requirements, Business Intelligence focus Road Safety</p>	<p>regarding the objectives of the group.</p> <p>Since plans and proposals for the group are in a discussion phase the outcome will be presented when ready.</p> <p>Winter:</p> <p>The working group aims to produce status reports as previous periods since 2009.</p> <p>A status report for winter road maintenance has been produced since 1991 in some form of Nordic cooperation.</p> <p>From 2009 onwards, the status report has been prepared via NVF and until 2012 the status reports were yearly, but since 2012 a status report has been produced every two years. Previous reports that has been produced since 2009 on NVF's website</p>
---	---	---

