

# Parallel Session on “Digitalization of TEN-T: from research to deployment”

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# NordicWay2 project (2017-2020) CEF Transport Sector 2016

# NordicWay3 project (2019-2023) CEF Transport Sector 2018

Pilot deployment of interoperable Day 1/1.5 C-ITS and support infrastructure readiness for Connected and Automated Driving

Contribute to harmonisation and interoperability of C-ITS in Europe

Support deployment of Day 1 and 1.5 C-ITS services on corridor and rural roads

Support infrastructure readiness for connected and automated driving

Assess impacts of Day 1/1.5 C-ITS services including mobility, behaviour, acceptance

Pilot deployment of interoperable Day 1/1.5 C-ITS services and selected Cooperative, Connected and Automated Mobility services

Contribute to harmonisation and interoperability of C-ITS in Europe

Urban connection – Day 1/1.5 services in the Nordic cities

CCAM in urban and interurban areas and motorway sections

Impact assessment

# Research and innovation projects input to Finnish NordicWay2 projects

- ▶ **Finnish process to call for market input:** Request for information to the markets, i.e. market research and discussion event. The aim of the request is to examine the views and possible questions that the contractors on the market may have to the deployment pilots.
- ▶ **Research projects**, e.g. H2020, state-of-the-art evaluation results of products or services market readiness into the use of deployment projects.
- ▶ **Industry view** on deployment and innovations, e.g. SME, startup or research centre companies existing or new products and services that support the public goals.

# Difficulties of deploying research results in transport infrastructure projects

- ▶ Harmonisation and interoperability of the research/innovation results in European framework
- ▶ Research results analysis and planning of deployment requires multidisciplinary collaboration – reliability and validity of the results?
- ▶ Uncertainty of business models
  - ▶ Possible new or disruptive technologies and ecosystems
  - ▶ Research/industry views and plans not always available due to competition in the market
- ▶ Trials and pilots needed to confirm the results
- ▶ Uncertainty of entities roles, for example cities and public authorities role in deployment
- ▶ Market driven solutions should be prioritized, but not in a cost of 'common good'

# Thank you

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