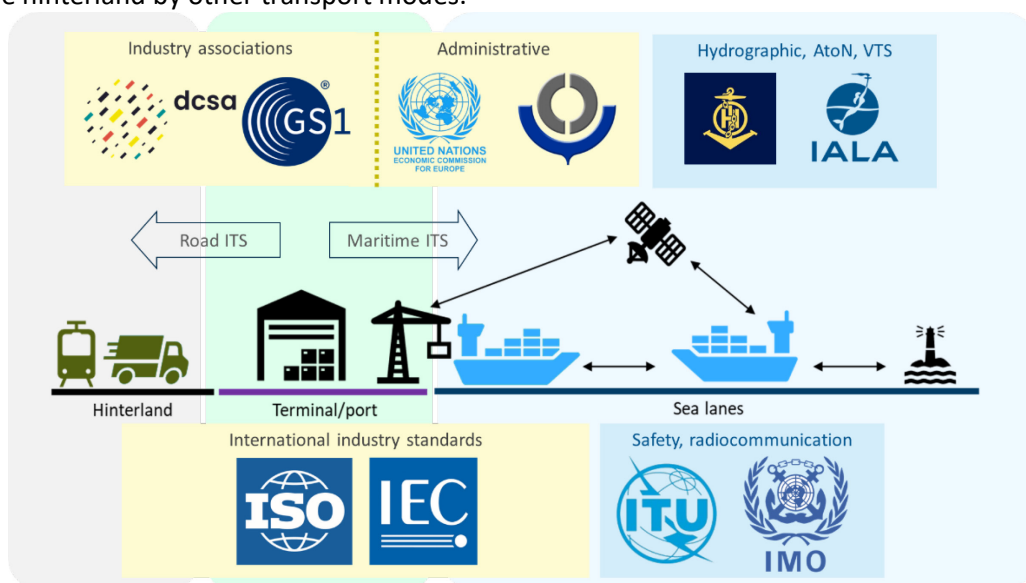


How Maritime ITS can enable a more multimodal, sustainable, digitalised, and optimised world

A joint seminar and workshop that ITS Finland, Finntraffic and ITS Norway arrange. The seminar and the following workshop's mission are to create a common expectation of how the Nordic region can enable a sustainable, standardised, and collaborative multimodal ecosystem. We will look at the barriers and challenges, the technological possibilities and how regulation is an important factor for the future of more sustainable, digitalised and optimised multimodal transport and logistics of people and goods.

Why Maritime ITS

International shipping is the lifeblood of world trade. About 90% of all exports are transported by ships. However, the maritime market is small and characterised by many different ICT systems on individual ships, shipping offices, and ports. The cargo is not usually destined for the ports the ship arrives at – it must be transhipped and carried into the hinterland by other transport modes.



Some examples of standards organizations and their approximate placement in Maritime ITS

Maritime ITS is about harmonizing standards and ICT architectures from the maritime side towards the land side services, and by that create an interoperable and user-oriented maritime digital ecosystem, further strengthening maritime safety and improving the efficiency of maritime transport.

Cross-sector ITS investment requires data sharing and technology collaboration between the actors in all forms of transport. This is the starting point for understanding and pushing Maritime ITS. Seen from the land-based ITS – technically, Maritime ITS is mutually interesting for both land and maritime sector.

For each of the forms of transport, terminology, standards, principles and concepts must be established to ensure that interaction between the actors can take place seamlessly.

Use of land ITS concepts like CCAM and C-ITS might speed up the implementation of Maritime ITS

ITS Norway and the Norwegian Coastal Administration have started with Finntraffic and ITS Finland, an international forum for Maritime ITS which will lead to international work for the standardisation of information exchange between sea- and land-based logistics operations.

19th April ITS Finland spring seminar – Maritime ITS

Time: 12:00-16:45

12-13 lunch

13-16:45 seminar

16:45 – 17:30 Networking

Maritime ITS Dinner: 18:30

Moderator: Jenny Simonsen COO, ITS Norway

12:00 Registration and lunch

13:00 Moderator

13:05 Welcome by Marko Forsblom CEO ITS Finland

Session -1 ITS, interoperability and sustainability

14:30 Coffee break

Session – 2 Digitalisation

15:50 Break

Session – 3 Future

Workshop 20. April The need for standards, harmonisation in order to adopt to a multimodal transport view.

Time: 09:00-12:00

09:00 Welcome Jenny Simonsen and Olli Soininen

09:10 Ørnulf Rødseth – The need for harmonisation and understanding the standardisation landscape

09:30 Olli Soininen – Standards? (15 min and 5 Q&A)

09:50 Multimodal logistics and transport – digitalisation

10:10 workshop introduction

10:20 -10:30 groups

10:30-11:15 Discussing findings in the plenum

11:15 Panel discussions about the findings and way forward

11:45 Closing remarks

12:00 End and Lunch