STRING Hydrogen Corridor

Project idea

- Establishment of a refuelling station network for heavy duty hydrogen vehicles from Hamburg to Oslo along the EU ScanMed TEN-T corridor.
- Establishment of a business case with hydrogen refuelling stations and heavy duty hydrogen vehicles.
- Engagement of the logistics industry and other key stakeholders in the project planning and implementation.
- Development of an EU co-financed project as an alliance of regions and cities for the promotion of hydrogen transport infrastructure in STRING.

Project targets

The following project targets must be achieved to establish a comprehensive and profitable hydrogen corridor:

- Infrastructure: Establishment of a minimum of **12 hydrogen refuelling stations** in STRING.
- Vehicles: Deployment of a minimum of **570 heavy duty hydrogen vehicles** in the STRING region.
- Public-Private Partnership: The project builds on a consortium of public and private partners along the hydrogen value chain.

Outlook

1. The decarbonisation of the EU transport system through the promotion of hydrogen mobility along the northern part of the ScanMed TEN-T corridor.
2. A contribution to achieving the EU emission targets.
3. STRING becomes a European model region for the application of hydrogen mobility.

Background

- The EU Commission's 2050 strategy urgently calls for a rapid decarbonisation of road transport in Europe.
- EU Regulation 12/42 demands a 30% reduction of CO2 emissions from heavy-duty vehicle fleets from 2030. (August 2019)

Financing (EU & national)

- Connecting Europe Facility (CEF)
- Horizon 2020
- Interreg
- NOW GmbH

*In 2021, the EU Commission is launching the new funding period for EU projects.