



THE TRANSPORT INNOVATION NETWORK



The Transport Innovation Network (TINV) is a national, cross disciplinary network aimed at the Danish Transport sector. The primary objectives of TINV are to create synergy, encourage match-making and generate research and development projects between stakeholders in the transport sector and research- and educational institutions, as well as related sectors such as energy and infrastructure.

The Danish Transport sector's competitive position depends on technological leadership,

the ability to innovate and to evolve according to the global situation. Accordingly, it is vital for the Danish transport sector to be able to draw on the latest technology, knowledge and research. Through a number of activities, TINV works to gather the different players across the transport sector with the aim of identifying synergies, the need for new technologies and business opportunities. We develop and initiate projects and facilitate matchmaking, best practice and knowledge exchange between our members.

BACKGROUND

TINV is one of 20 innovation networks supported and co-financed by the Danish Agency for Science, Technology and innovation. The philosophy behind the innovation networks is that they should support increased innovation, business development and competitiveness in Danish SMEs by :

Help companies turn ideas into competitive products or services.

Provide access to an extensive network of experts and researchers at universities, technological service institutes and in other companies – also abroad.

Serve as sparring partners and advisors in relation to the development needs a company is facing.

Host conferences and workshops where companies can gain insight into the most recent technologies and have the opportunity to network with other companies, researchers and specialists.

Help find funding to realise projects and assist in project development.

Create access to new clients and suppliers.

Assist with guidance and information about the innovation support system and funding possibilities.

CURRENT ACTIVITIES



ELECTRIC TRANSPORT

At the moment, a number of different types of electrical driven vehicles are introduced in Denmark and worldwide. The new technology is both more sustainable and environmentally friendly, but it also poses several new business opportunities for SMEs looking to become a supplier in the automotive industry. TINV investigates the new business opportunities, but also the infrastructural and legislative needs in connection with the implementation.



INTERMODALITY, SHORTSEA SHIPPING AND PORT DESIGN

What are the future possibilities and socioeconomic side effects for increased use of intermodal modes of transport in Denmark, Scandinavia and northern Europe? TINV engages in this question from an environmental point of view, but also with an ambition to contribute to possible solutions to the ever increasing density problems on the main European highways.



VEHICLE AND SHIPTECHNOLOGY

(INCL. SUSTAINABLE FUELS)

In the future, transport will be based on sustainable energy sources. New and more effective vehicle and ship technologies will reduce our energy consumption and make way for the introduction of different types of biofuels. Through close co-operation between businesses, authorities and knowledge institutions TINV will work to ensure that the transition will occur in the best possible way in terms of productivity, environment and climate.



LOGISTICS AND IT

(INCL. e-BUSINESS)
ICT (Information and communication technology) is an important part of most transport and logistics companies daily business – and tool when optimizing a company's efficiency and competitiveness. TINV look at the use of existing – and desired requirements for future solutions, focusing on intermodal transport modes in particular.



CITY LOGISTICS AND MOBILITY MANAGEMENT

Traffic density in cities is an increasing problem. It poses several problems for both users of the city, its citizens and businesses. While restrictions often seem the obvious way to approach this problem, solutions must be found without risking accessibility and mobility within the cities. Through projects and knowledge sharing, TINV support stakeholders and work to identify new business areas for Danish SMEs



CORPORATE SOCIAL RESPONSIBILITY

A strategic approach to CSR policy can support and strengthen the Danish transport sector. Through the exchange of CSR knowhow, support initiatives and information about current and future legal demands, TINV support SMEs, authorities and research institutions in their work with CSR in the transport industry. Within this area, TINV has a special focus on emissions and calculation of these.



COMPETENCE DEVELOPMENT AND EDUCATION

In the future, the Danish transport sector must compete on knowhow and competences. Competence development and education is an integrated part of most of our activities. Here, the main focus is to create awareness of the job and educational opportunities in the transport and logistics sector, as well as ensuring consensus between supply and demand.



OFFSHORE WINDTURBINES: TRANSPORT CHALLENGES

The demand for green energy and sustainable energy sources is increasing rapidly in Denmark, and accordingly, the number of wind turbines raised follow. This poses new challenges in terms of transport and logistics and safe boarding in connection with maintenance and service. TINV looks at the high demands for vehicles, infrastructure and service- and installation ships.