

# Next Level Nordic Collaboration in Mobility

**Nina Egeli**

Head of Programme

[n.egeli@nordicinnovation.org](mailto:n.egeli@nordicinnovation.org)

Nordic Innovation

# Nordic Smart Mobility and Connectivity programme 2018-2024

- Changing the way people and goods move
- Speeding up the transition to sustainable mobility
- Seamless, integrated, and people-centric mobility
- Decarbonised and energy-efficient mobility
- Quality of life

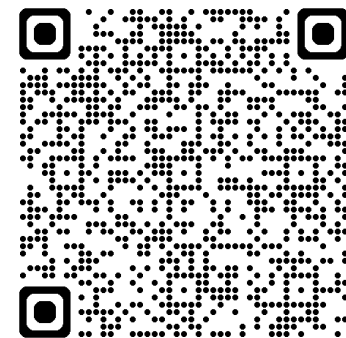
[www.nordicinnovation.org/mobility](http://www.nordicinnovation.org/mobility)


EVERYTHING,  
EVERYWHERE,  
ALL AT ONCE



# Criteria for prioritisation

- *Path to industrialisation*
- *Resilience to global challenges*
- Effect towards climate goals
- Competitive advantage
- Potential for cooperation
- Productivity: Efficiency in moving people and goods





# 7 impactful areas in mobility for the Nordics



## The transition to green aviation

The aviation sector is a major carbon emitter. Transitioning to green aviation, through electric aircrafts, biofuels and hydrogen in the long term can significantly cut emissions. The Nordic region, with its history of aviation innovation, can lead this change, aligning with the vision of a green Nordic region and leveraging technological advancements.



## A sustainable and automated maritime sector

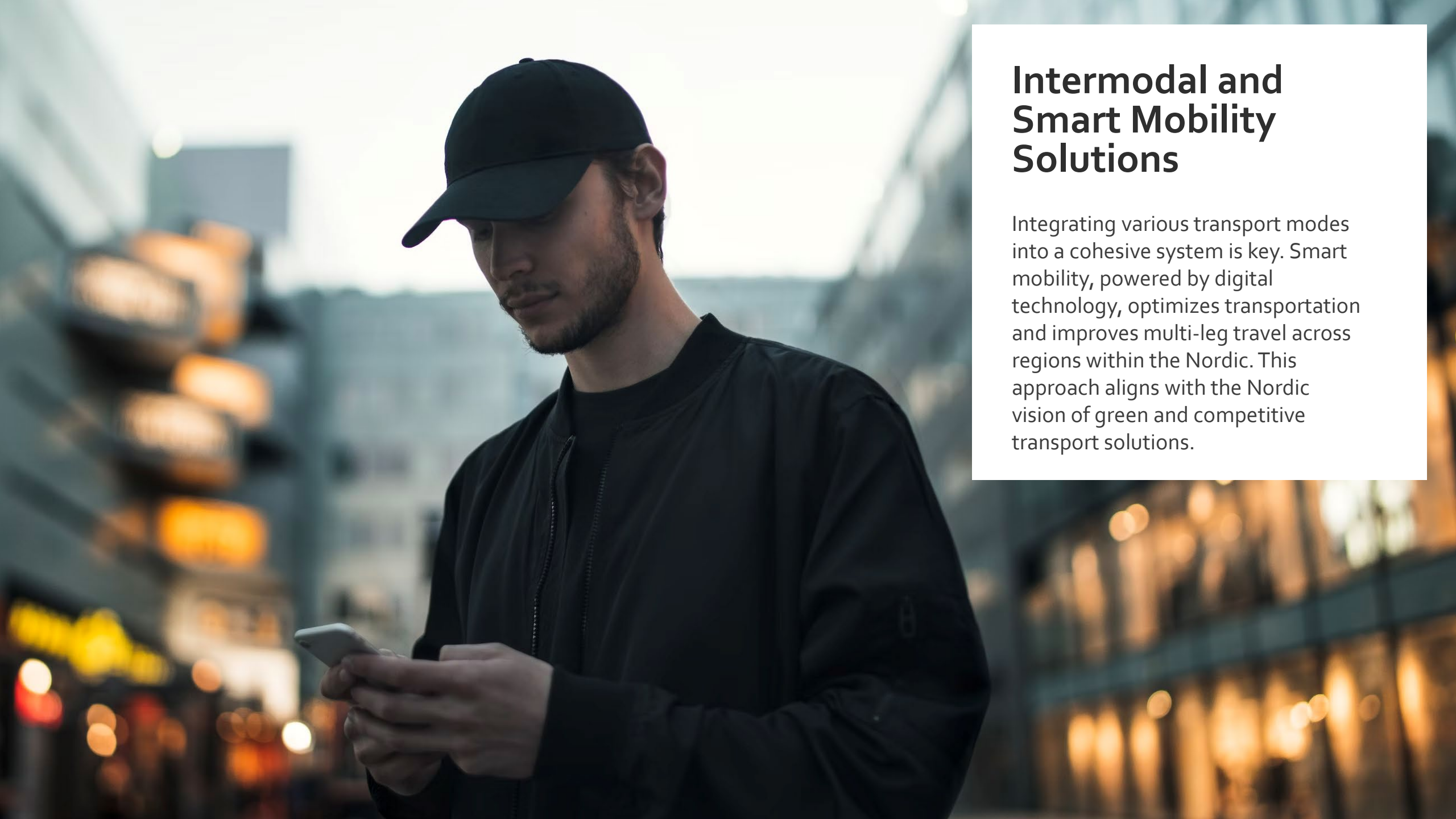
With vast coastlines and maritime heritage, the Nordic region stands to benefit from sustainable, automated maritime practices. Embracing automation, sustainable fuels, and hull technologies can enhance efficiency and competitiveness, reflecting the vision of a competitive Nordic region.



## Infrastructure and services supporting electrification

Electrification plays an instrumental role in future mobility. Developing infrastructure, from charging stations to grid enhancements and supporting services is essential. This not only reduces emissions but also fosters innovation and economic growth, reinforcing the Nordic region's competitive edge in electrification.





## Intermodal and Smart Mobility Solutions

Integrating various transport modes into a cohesive system is key. Smart mobility, powered by digital technology, optimizes transportation and improves multi-leg travel across regions within the Nordic. This approach aligns with the Nordic vision of green and competitive transport solutions.

A close-up photograph showing a person's hand reaching into a green and silver battery pack. The battery pack is mounted on a dark-colored surface, likely part of a vehicle. The hand is positioned over a silver handle or latch on the green plastic casing of the battery. The background is blurred, showing parts of a person's arm and hand, suggesting an interaction with the device. The overall scene is brightly lit, highlighting the textures of the plastic and metal components.

## Circular Economy in Transportation

Adopting a circular economy in transport, where resources are reused and waste is minimized, is vital for sustainability. Examples include, battery lifetime strategies and re-commerce operations. This approach is a step towards a green transition, promoting a sustainable, circular, and bio-based economy.



## Climate Resilient Infrastructure

Climate change poses challenges. Building resilient transport infrastructure ensures systems remain functional amidst changing conditions. The Nordic region, familiar with harsh conditions, can lead in creating adaptive solutions.

## Unified and Progressive Policy and Regulation

Policies and regulations shape the transition to green, smart mobility. The Nordic countries, known for progressive policies, can guide sustainable practices and consumer behavior, creating an environment where green mobility thrives.

```
5 abort("The Rails environment is running in production mode!")
6 require 'spec_helper'
7 require 'rspec/rails'
8
9 require 'capybara/rspec'
10 require 'capybara/rails'
11
12 Capybara.javascript_driver = :webkit
13 Category.delete_all; Category.create
14 Shoulda::Matchers.configure do |config|
15   config.integrate do |with|
16     with.test_framework :rspec
17     with.library :rails
18   end
19 end
20
21 # Add additional requires below this line. This will be used for
22 # Requires supporting ruby files with support/ and its subdirectories.
23 # spec/support/ and its subdirectories. These files will be
24 # run as spec files by default. This can be configured to
25 # in _spec.rb will both be required when running specs and
26 # run twice. It is recommended that you do not use
27 # end with _spec.rb. You can configure this behavior by
28 # option on the command line: rspec --require=spec_helper
```

# There is more!

- Land-based heavy duty long haul transport
- Urgency! Implementation and scaling needed.
  - Intermediate solutions needed to reach the 2030 milestone
  - Optimise towards 2050
- Acknowledge that Nordic companies hold the key – support, enable & create markets
- The Nordics must be an attractive early market for new technology developed elsewhere.

# Nothing ever stays the same...

- Through collaboration we can drive innovation and transformation and shape the future of mobility.

