

Lapland's Transport Strategy 2050

Vision 2036

The transport system of Lapland develops sustainably through Nordic cooperation, supporting the region's vitality and growth, as well as the smoothness and safety of mobility

Goal 1: Transport of business and military mobility is functional and efficient under both normal and exceptional conditions

Goal 2: Tourism and everyday mobility services are easy to use and mobility sustainable and safe



Vision 2050

Lapland's transport system is carbon neutral, smart and adapted to global changes

Goal 1: Lapland is internationally and nationally connected

Goal 2: The transport system is resilient and safe



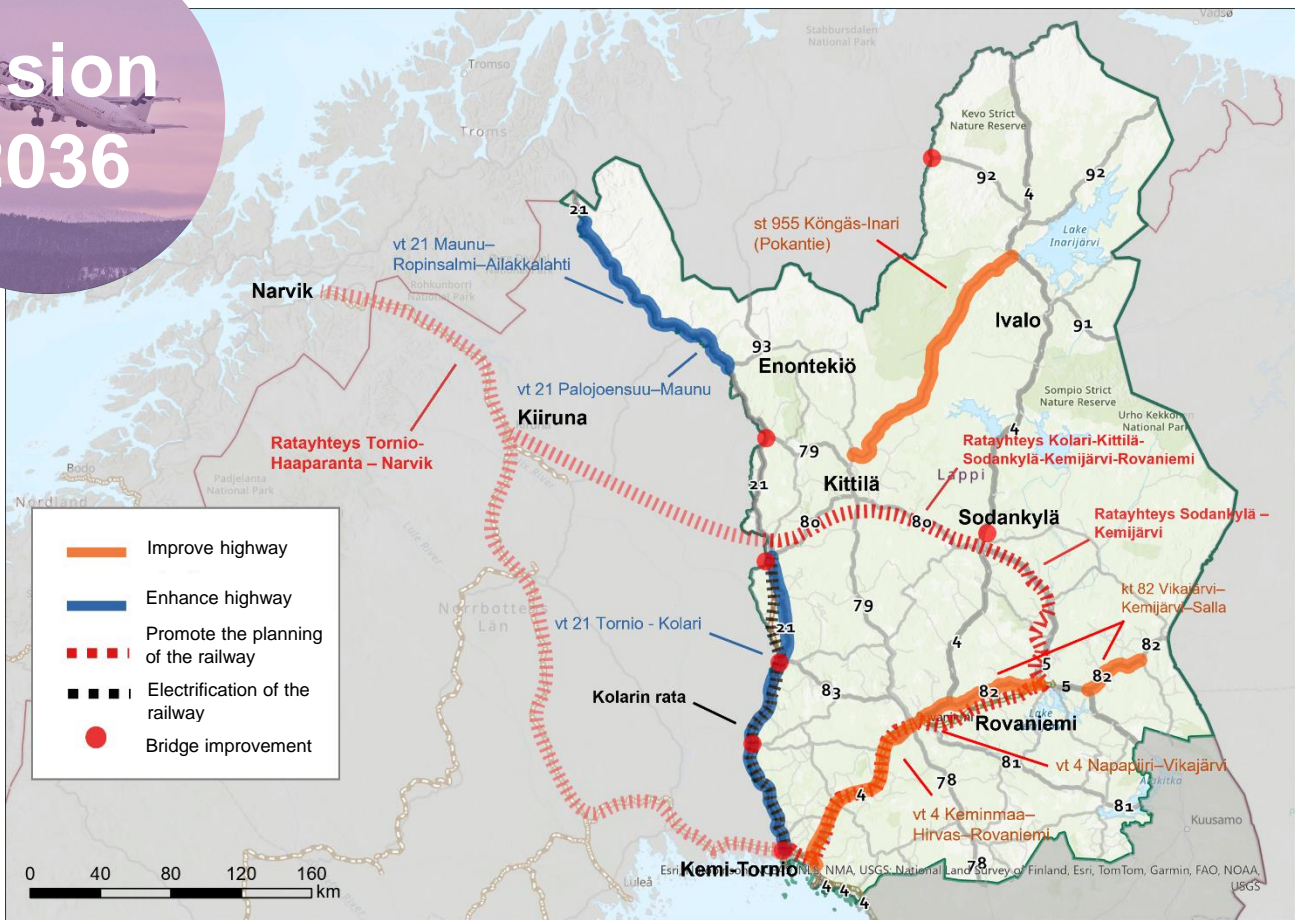
Goal 1: Transport of business and military mobility is functional and efficient under both normal and exceptional conditions

- The dual-use potential of transport infrastructure is improving and supporting Nordic cooperation
- The availability of alternative transport fuels distribution infrastructure is improving for all modes of transport
- Financing of the road network enables the level of service required by business transport
- Rail connections serve domestic and international transport needs
- The service level of terminals and ports meets demand and the needs of developing fleets, and functional connections lead to them

Goal 2: Tourism and everyday mobility services are easy to use and mobility sustainable and safe

- Conditions for walking and cycling will improve in urban areas and municipal and tourist centres
- Public and passenger transport services are easy to use, travel chains smooth and traffic organisation efficient
- The service level of year-round public transport connections and the provision of direct flight connections from around the world and via Helsinki Airport will improve
- No one needs to die or be seriously injured in traffic, i.e. Vision Zero for road safety
- The availability of alternative transport fuels distribution infrastructure is improving for all modes of transportation





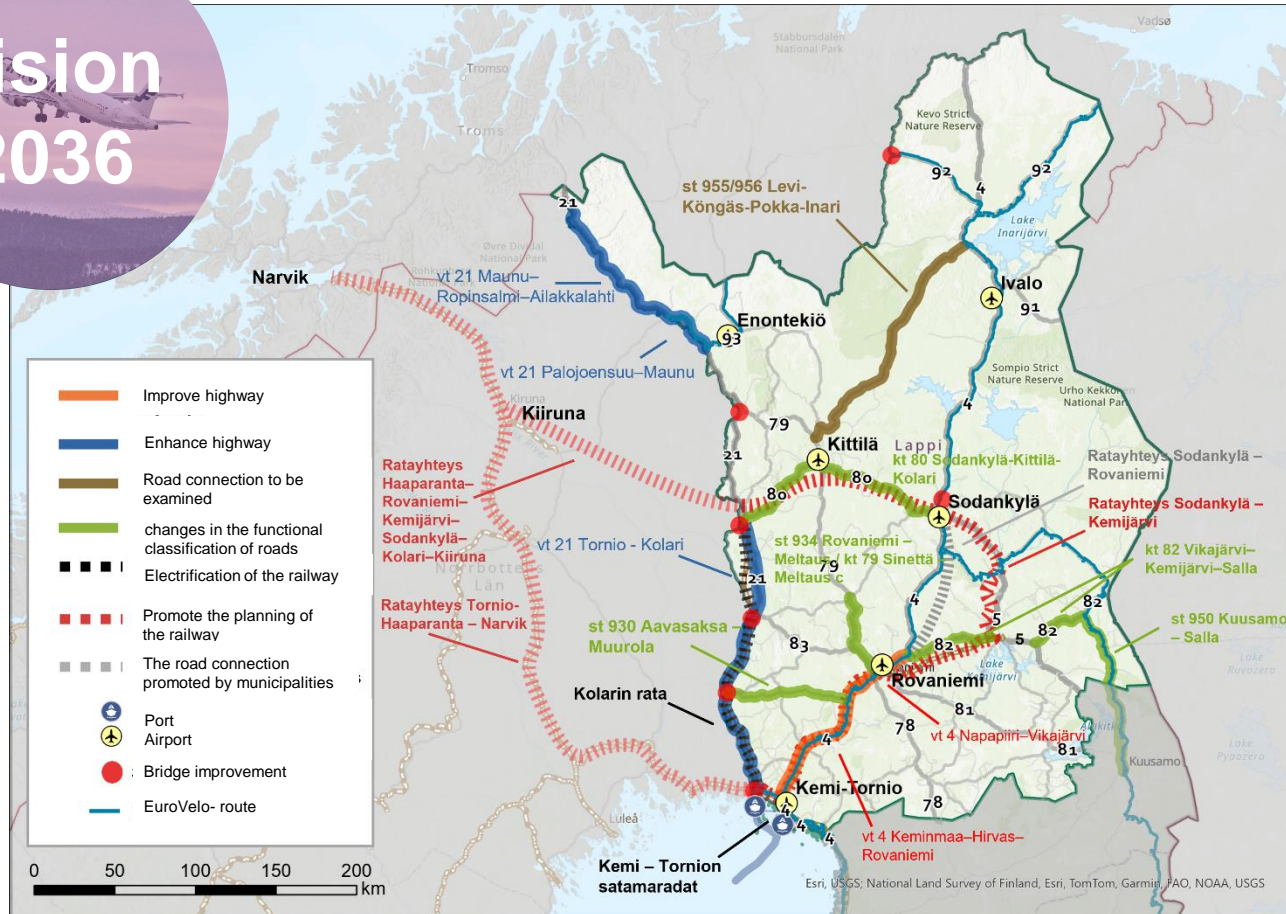
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Key measures in 2036

- Improve **highway 4** roadsections between Keminmaa–Hirvas–Rovaniemi and Napapiiri–Vikajärvi
- Enhance **highway 21** on roadsections Palojoensuu–Maunu, Maunu–Ropinsalmi–Ailakkalahti, and Tornio–Kolari
- Improve main road 82 and regional road 955 Köngäs-Inari (Pokantie)
- Implement **bridge improvements** on the bridges crossing Tornio River and Muonio River, as well as the bridges in Karigasniemi and Sodankylä
- Expand the **alternative transport fuels distribution infrastructure** and ensure the availability of fuels
- Implement the **electrification of the Kolari railway line**
- Promote the **planning of the Tunturirata railway** with European gauge from Kolari to Kittilä, Sodankylä, Kemijärvi, and Rovaniemi
- Develop the **rail connection to the port of Narvik** via Tornio–Haparanda
- Enhance **walking and cycling connections** for short distances within and between centers



Vision
2036



The transport system of Lapland develops sustainably through Nordic cooperation, supporting the region's vitality and growth, as well as the smoothness and safety of mobility

Highlights from the action plan

- Promote changes in the functional classification of roads
- Improve the highway 4 roadsections Keminmaa–Hirvas–Rovaniemi and Napapiiri–Vikajärvi, promote the planning of the roadsection Vikajärvi–Sodankylä, and develop the highway 4 as part of the comprehensive TEN-T network
- Enhance main road 82 and highway 5 between Kemijärvi and Sodankylä
- Maintain the condition of the road network and ensure the functionality of the lower road network
- Initiate passenger train services between Finland and Sweden
- Ensure the capacity of Rovaniemi and Kemi-Tornio airports for military and civilian traffic needs
- Promote the Tunturirata railway in the regional land use plan, considering the statement provided by the Defence Forces during preparations
- Improve the possibilities for joint use of airports
- Connect the waterways leading to the ports of Ajos and Röyttä to Swedish waterways
- Enhance public transport services within and between municipalities and tourist centers, as well as connections from airports and railway stations
- Increase cooperation between Finland, Sweden, and Norway, and draft a joint transportation system plan for the northern regions

LAPLAND
Above Ordinary



LAPIN LIITTO



Elinkeino-, liikenne- ja
ympäristökeskus

Vision and goals for 2050



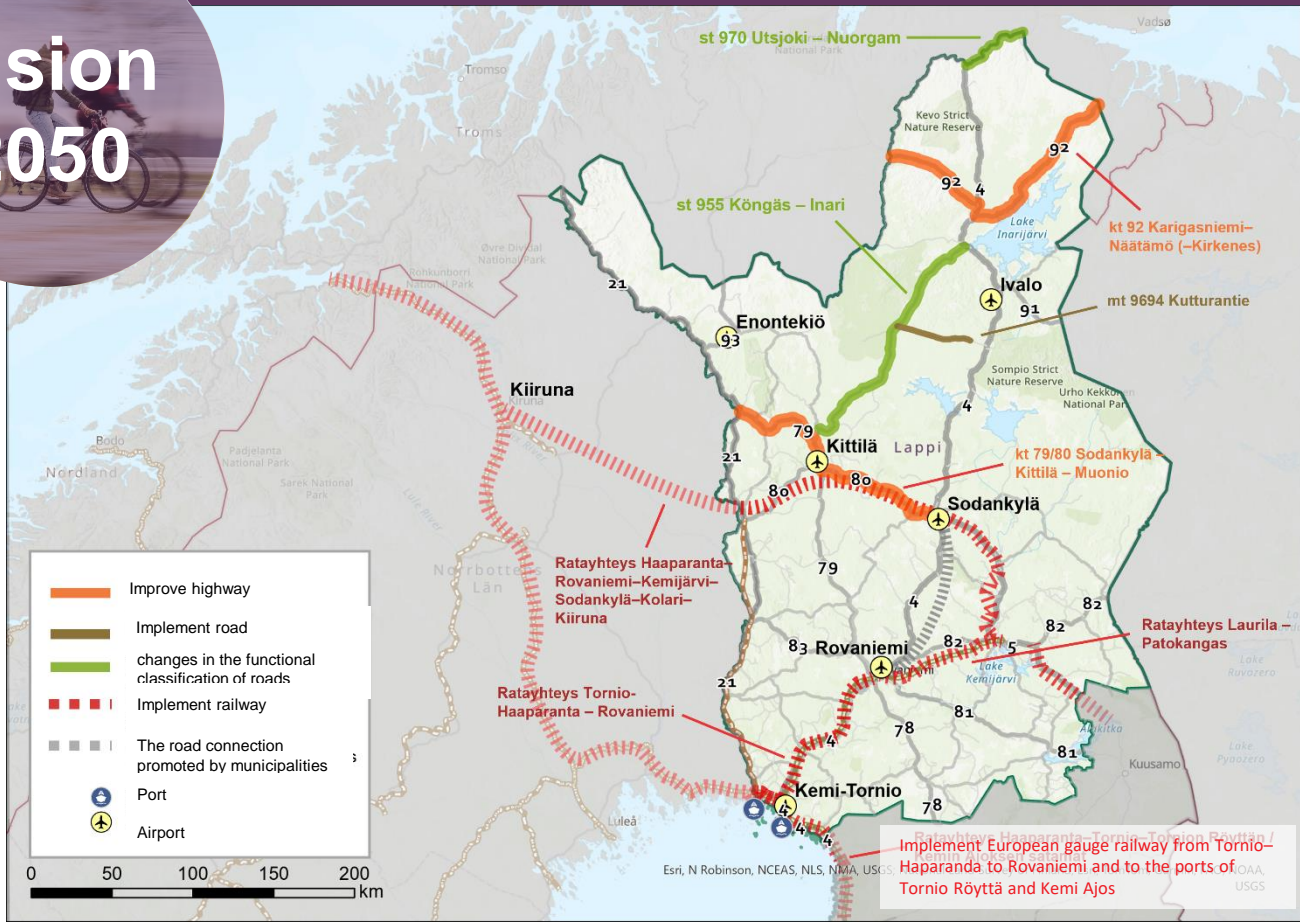
Goal 1: Lapland is internationally and nationally connected

- Better connections provide reliable transports to developing ports in Lapland and other Finnish ports as well as North Atlantic ports
 - Direct and sustainable flight connections strengthen Lapland's accessibility
 - Information related to travel and transport chains will be available through the National Contact Point, and cross-border passenger and freight transport will be smooth and highly automated
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Goal 2: The transport system is resilient and safe

- Transport infrastructure network and transport services enable achieving zero-emission transport and Vision Zero for traffic safety
- New planning methods and operating models enable adaptation to climate change and achieving nature positivity
- Comprehensive traffic data enables efficient and proactive asset management and road network maintenance





Lapland's transport system is carbon neutral, smart and adapted to global changes

Highlights from the action plan 2050

- Promote changes in the functional classification of roads
- Improve main roads 79, 80, and 92
- Implement measures on Kutturanta Road to establish an east-west road connection
- Ensure The availability of different transport fuels distribution for heavy traffic
- Implement European gauge railway from Tornio-Haparanda to Rovaniemi and to the ports of Tornio Röyttä and Kemi Ajos
- Implement the Tunturirata railway
- Carry out measures for the railway connection from Kemijärvi to the south
- Promote the realization of the rail connection from Kolari to the port of Tromsø if national security requires it
- Develop physical and digital infrastructure as well as data foundations for autonomous vehicles
- Engage in Nordic cooperation in the development and planning of the transport system and ensure funding for railway connections

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Impact Assessment

Scope	Highlights from the Impact Assessment
Accessibility and service level of travel and transport	<ul style="list-style-type: none"> • Accessibility and the service level of travel and transport can develop very positively. In particular, connections to Swedish and Norwegian ports are strategic for the whole of Finland. • The development of the service level of sustainable mobility may be slower.
Economic sustainability	<ul style="list-style-type: none"> • The investments resulting from the action plan are significantly large. They enhance accessibility and competitiveness, which may slightly improve the development conditions of areas such as Lapland. • Digitalisation can enable cost-effective development.
Ecological sustainability	<ul style="list-style-type: none"> • The development of new infrastructure may have negative effects on the environment. • The action plan includes operating models that support ecological sustainability, the development of alternative transport fuels distribution infrastructure and rail transport, and the development of sustainable transport.
Social sustainability	<ul style="list-style-type: none"> • The measures will improve mobility opportunities for all users, and it is possible to achieve health and well-being effects. • Large investments can have an impact on the environment and landscape. In the Sámi homeland, the impacts may remain small, but in the reindeer herding area the impacts may be greater.
Safety of the transport system	<ul style="list-style-type: none"> • This development can improve safety for all modes of transport and users. • Relying on smart solutions can increase the risk of cyberattacks and increase dependence on communications and power grids. • The development of connections promotes comprehensive security, military mobility and security of supply.





Thank you