



NORWEGIAN MINISTRY  
OF TRANSPORT AND COMMUNICATIONS

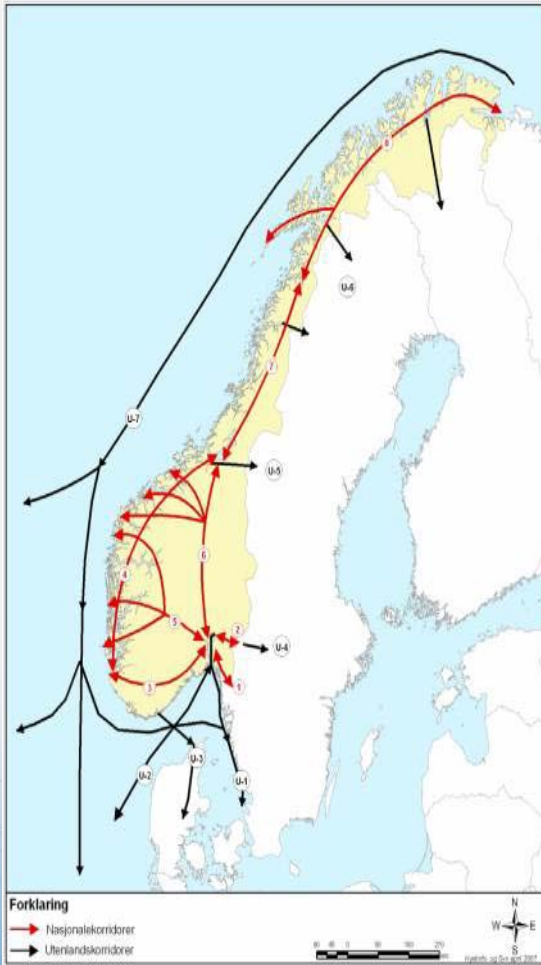
# Norwegian Transport and Transport Policy in an European Context

*Marit Arnstad - Minister of Transport and Communications*

*June 28, 2012 - Stavanger*



# Norway - some basic facts



- Population: 5 million
- 80 % in urban areas, 30 % in 4 major cities, second lowest population density in Europe
- Area (mainland): 325 000 sq. km (Germany: 357 000 sq. km)
- Length of coastline: 25 148 km
- Distance between the southern most point and northern most point of Norway = distance between southern most point in Norway and Rome


## Urban areas: A staggering population growth



- Public transport, cycling and walking to meet growth
- Trains to play a key role in transporting people between the major cities in the eastern part of Norway

# Goal: A continued regional balance

## The Atlantic Road, West coast

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- The government strives to facilitate for sustainable regions
  - To achieve this it is important to provide infrastructure that cuts transport costs and efficiently links the regions together

# Transport challenges

- Topography: A rugged coastline with many fjords and high mountains. More and more ferries are replaced by tunnels and bridges, but ferries still play an important role
- Climate: Heavy snowfalls during winter time. Some roads are closed for long periods of time



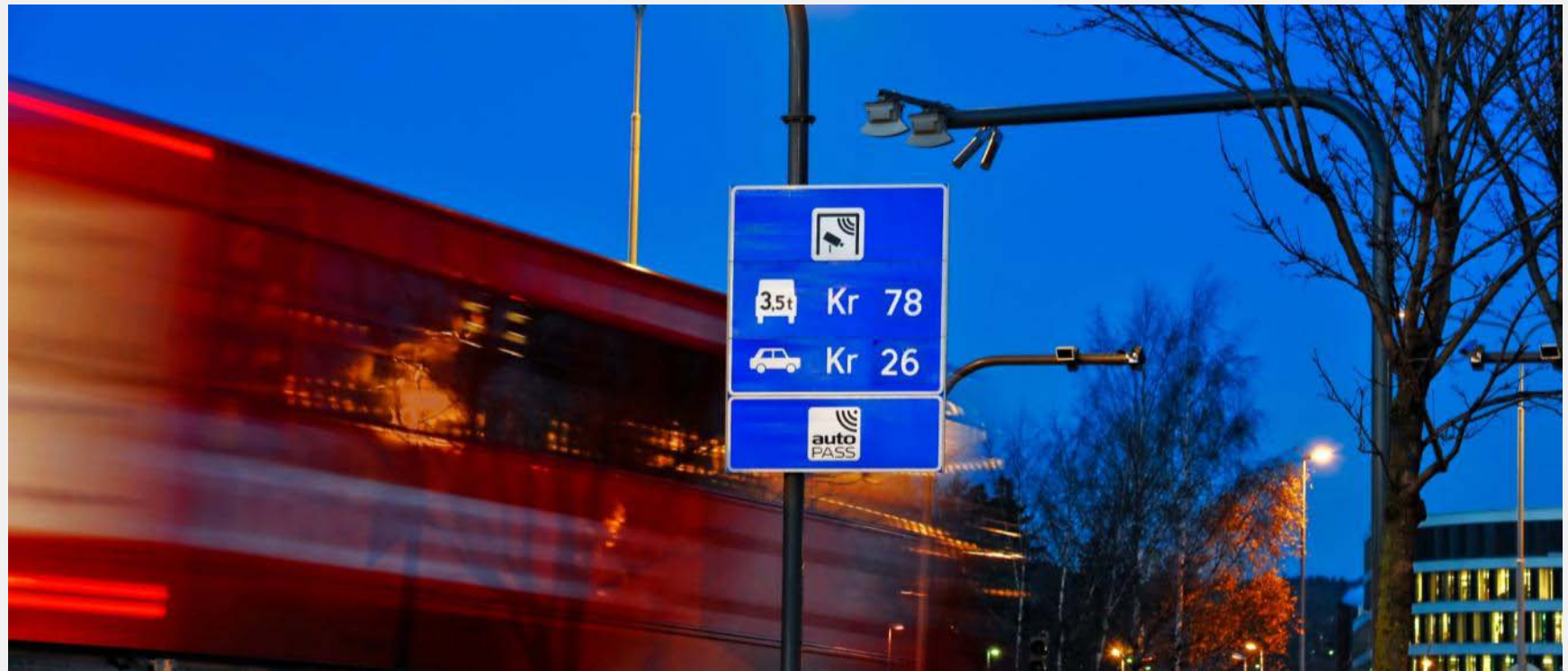
# The High North – possibilities and challenges



The Ofot Line (Narvik – Kiruna)  
transporting iron ore

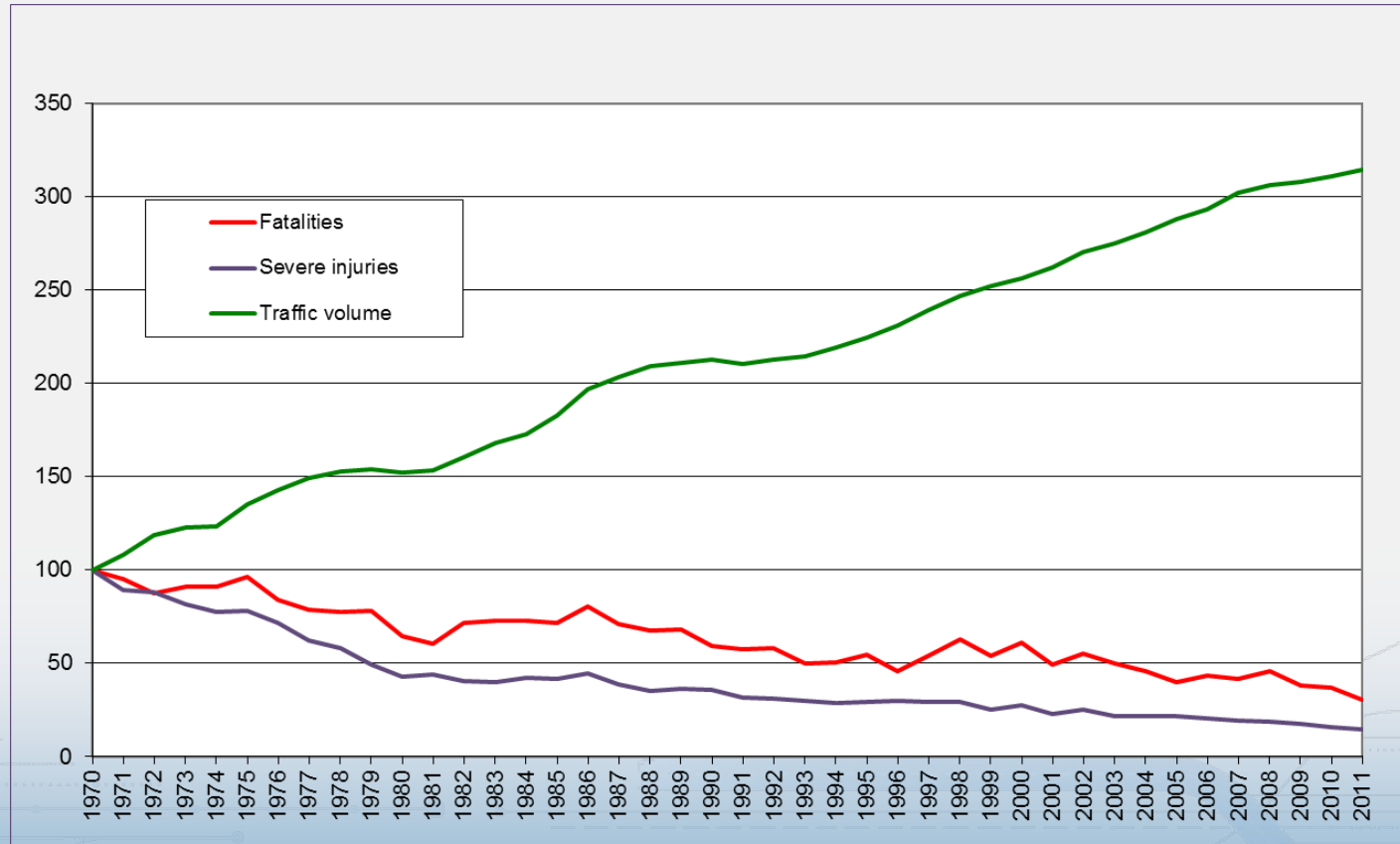
- Rich in resources, but far from markets, arctic climate

# Intelligent Transport Systems

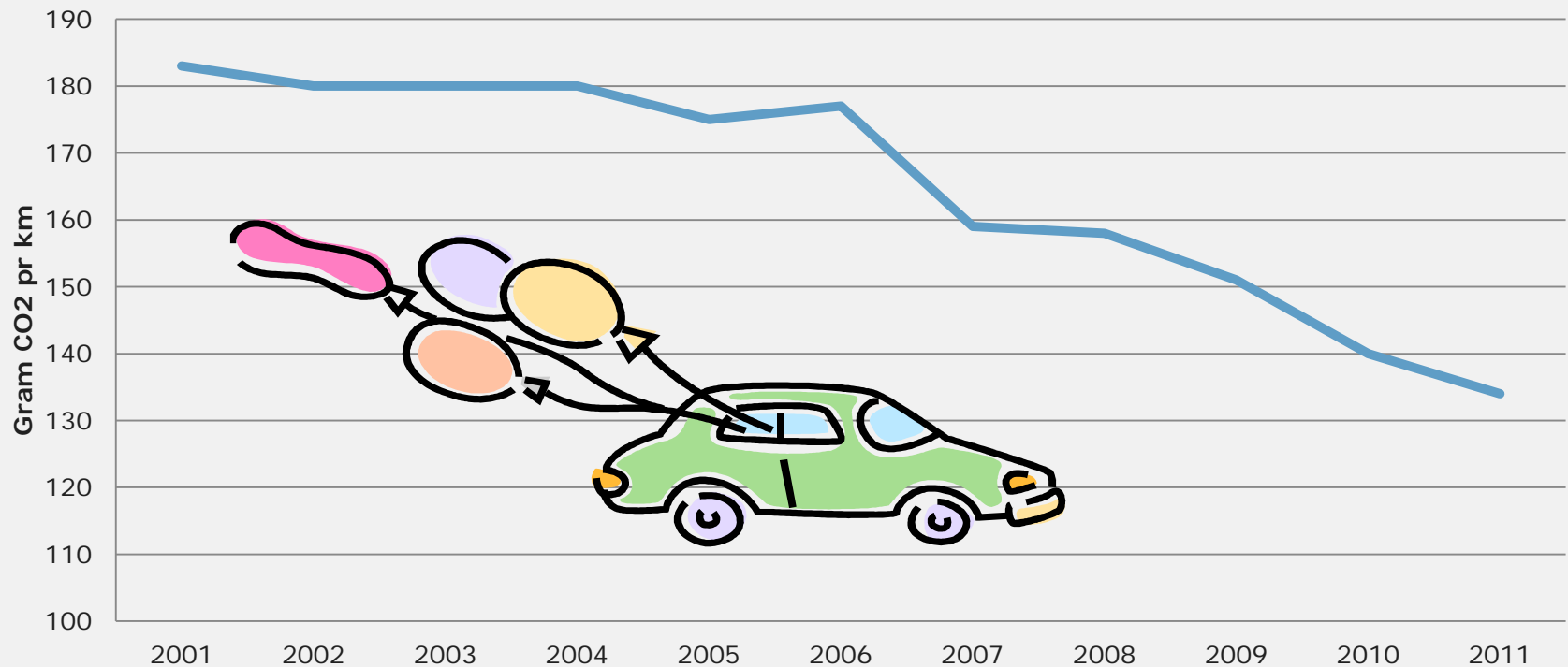


- ITS solutions must work across borders
- National policy for ITS is multimodal

# Road safety: Historical trend in fatalities, severe injuries and traffic volume since 1970



# CO2 emissions from new cars



- 2001: 183 gram/km, 2011: 134 gram/km
- Shall not exceed 85 gram/km in 2020

# Thank you



## Stavanger area: The Ryfast project



- The world´s longest sub-sea tunnel project: 20 km
- Starts up in 2012/2013, opens in 2018, costs 5,22 billion 2012-NOK, mainly funded by road toll