



Statens vegvesen
Norwegian Public Roads
Administration

National Transport Plan 2014–2023

Upcoming Road Projects Construction, Operation and Maintenance

27.05.2013

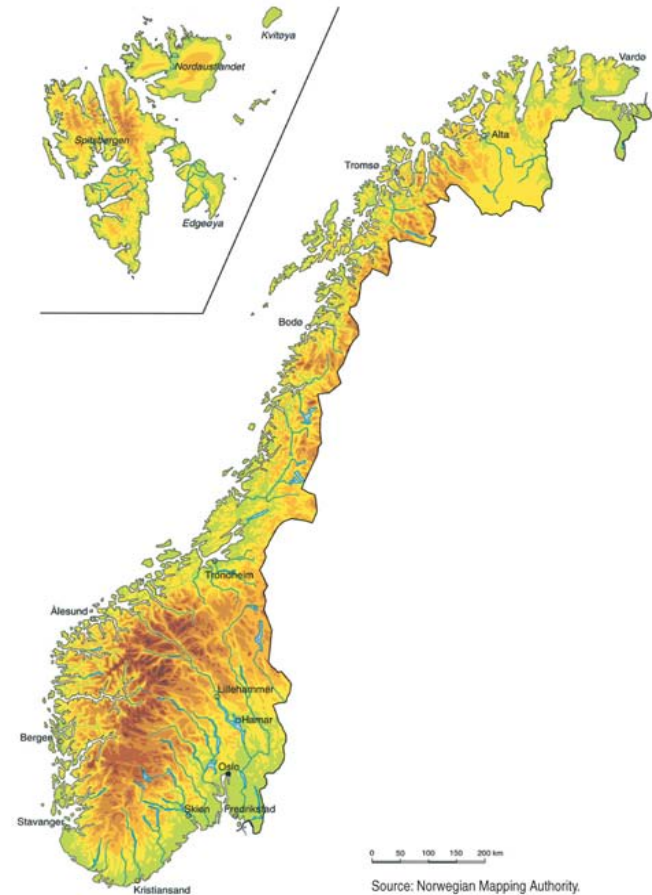




Norway

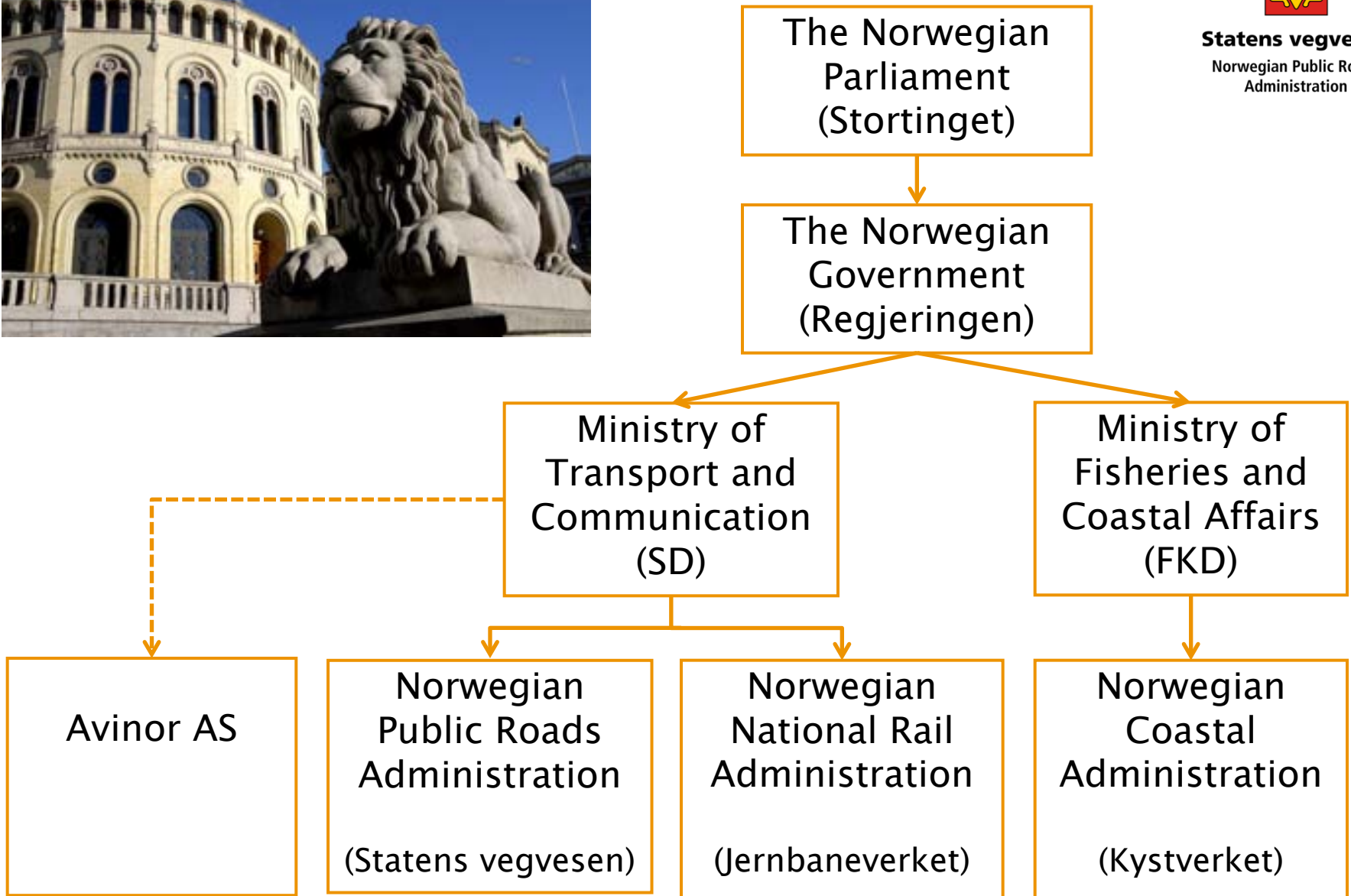
- System of government:
 - Constitutional monarchy
 - Parliamentary democracy
- 19 Counties
- 429 Municipalities
- Area (mainland):
323 782 km²
- Population:
5 million

Norway, with Svalbard





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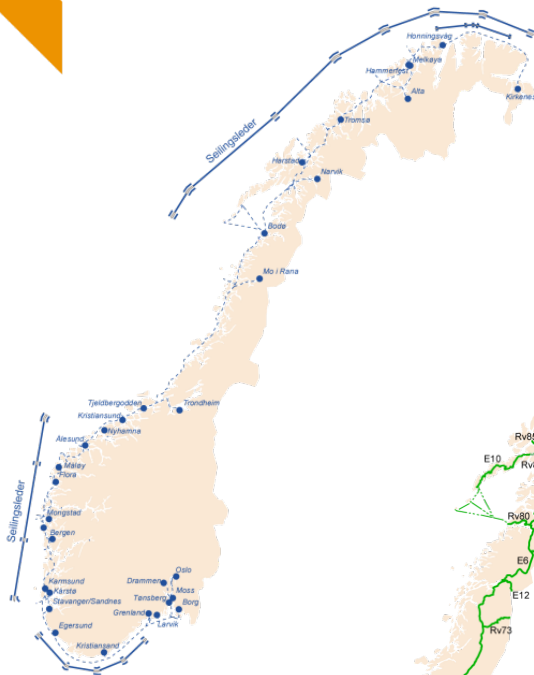


Key figures

Public roads, total	93 000	km
National roads	10 500	km
County roads	44 000	km
Municipal roads	38 500	km
Road tunnels	1 000	tunnels
Road bridges	18 200	bridges
Rail network	4 000	km
Airports	49	airports
National ports	30	ports



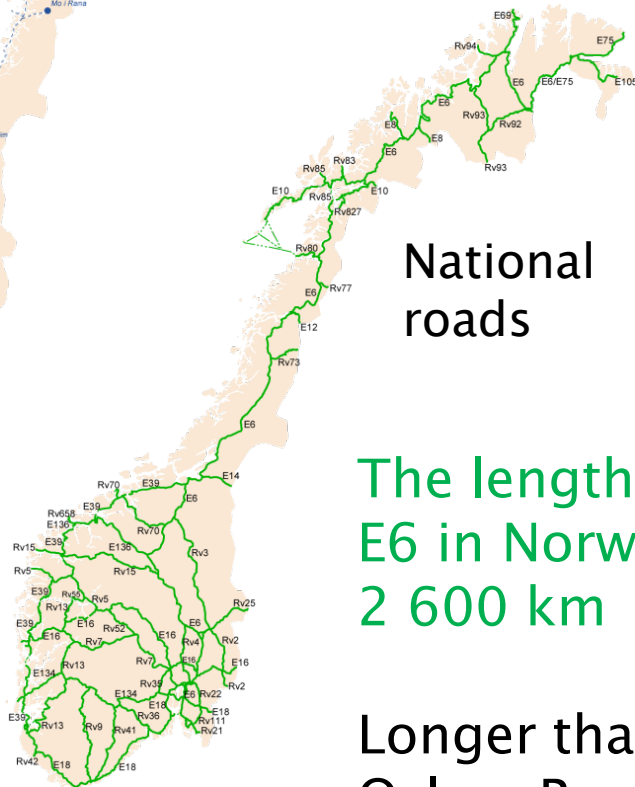
Ports and fairways



Airports



National roads



The length of the
E6 in Norway:
2 600 km

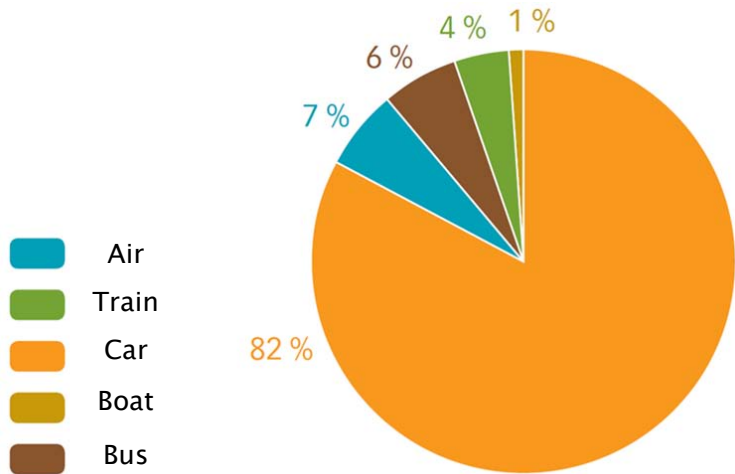
Longer than
Oslo – Rome

Rail lines

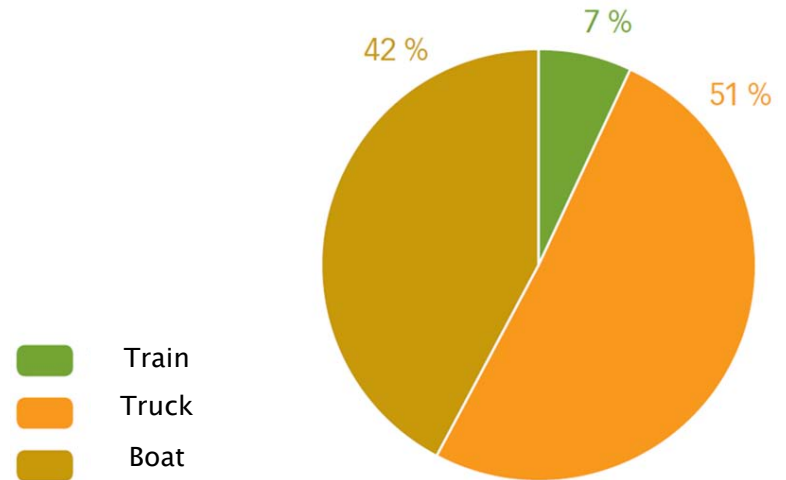




Domestic Passenger and Freight Transport Distribution among Transport Modes



Transport of Persons



Freight Transport



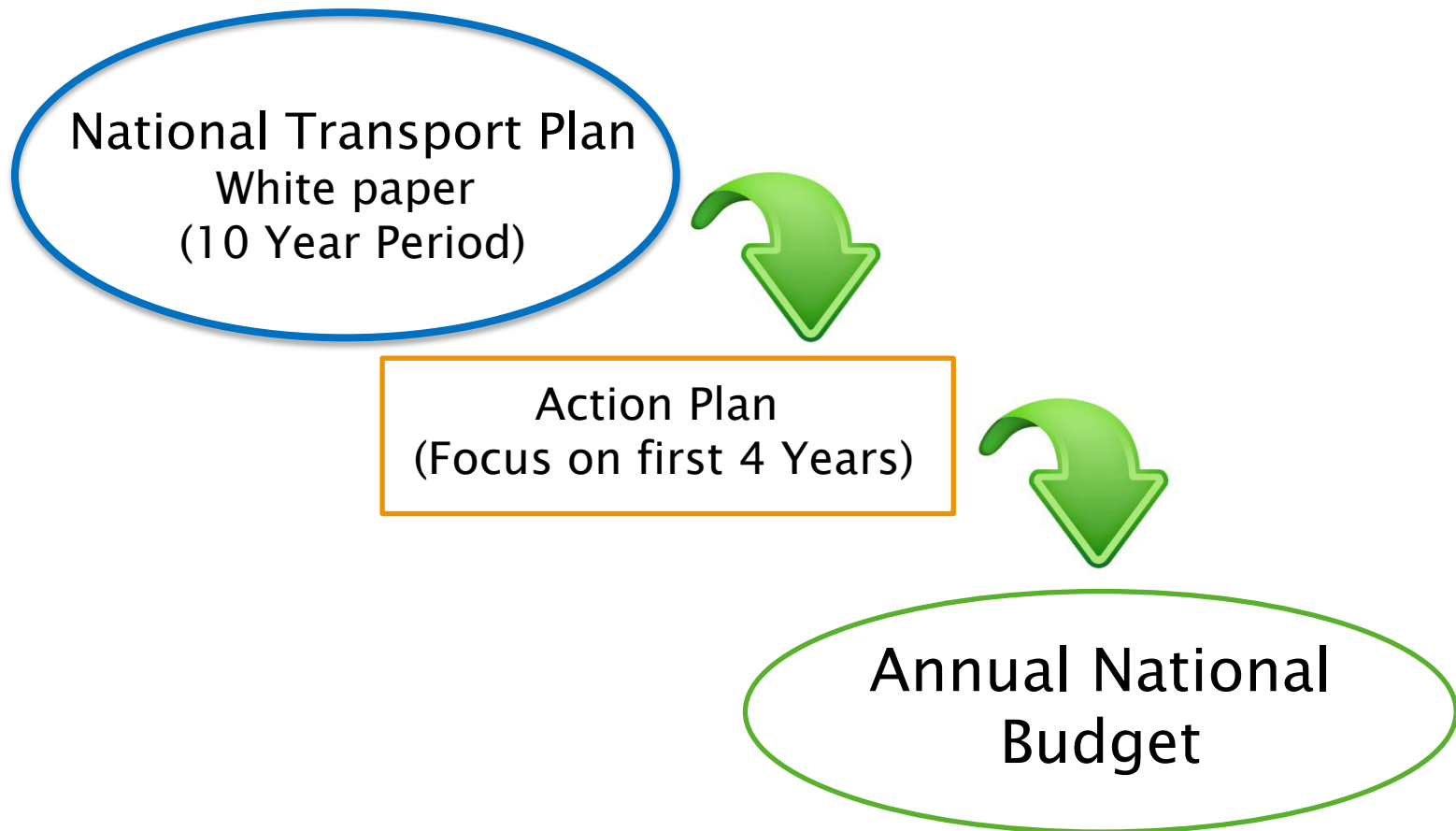
Financing

- **Railway system**
 - National funding
- **Roads**
 - National and county funding
 - Toll revenue
- **Airports and harbours**
 - Income and revenue collected
- **Coastal fairways**
 - National funding and revenue collected





Official Steering Documents





National Transport Plan 2014–2023

Major challenges

- Globalisation
- Population growth
- Economic growth
- Traffic safety
- Emissions and climate change

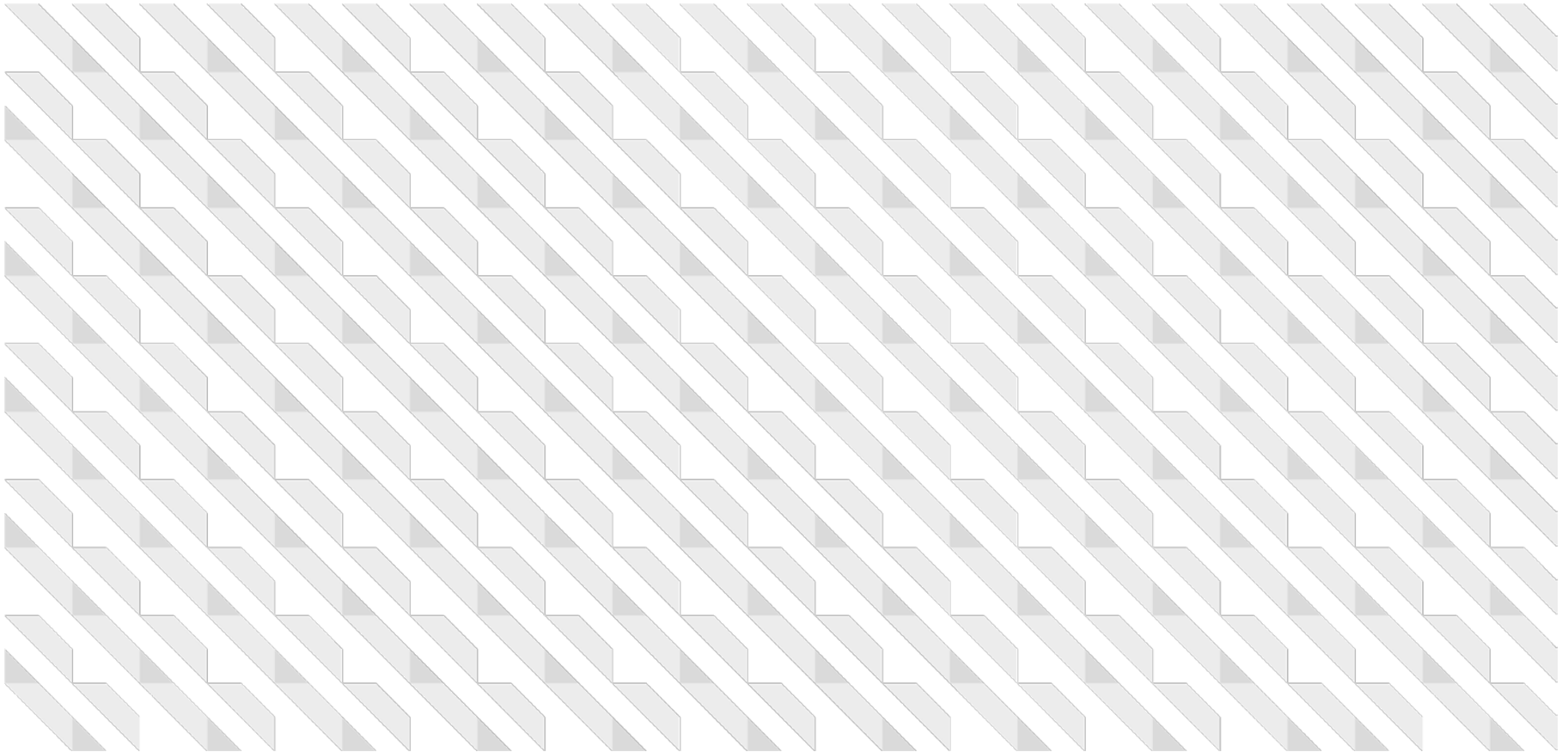




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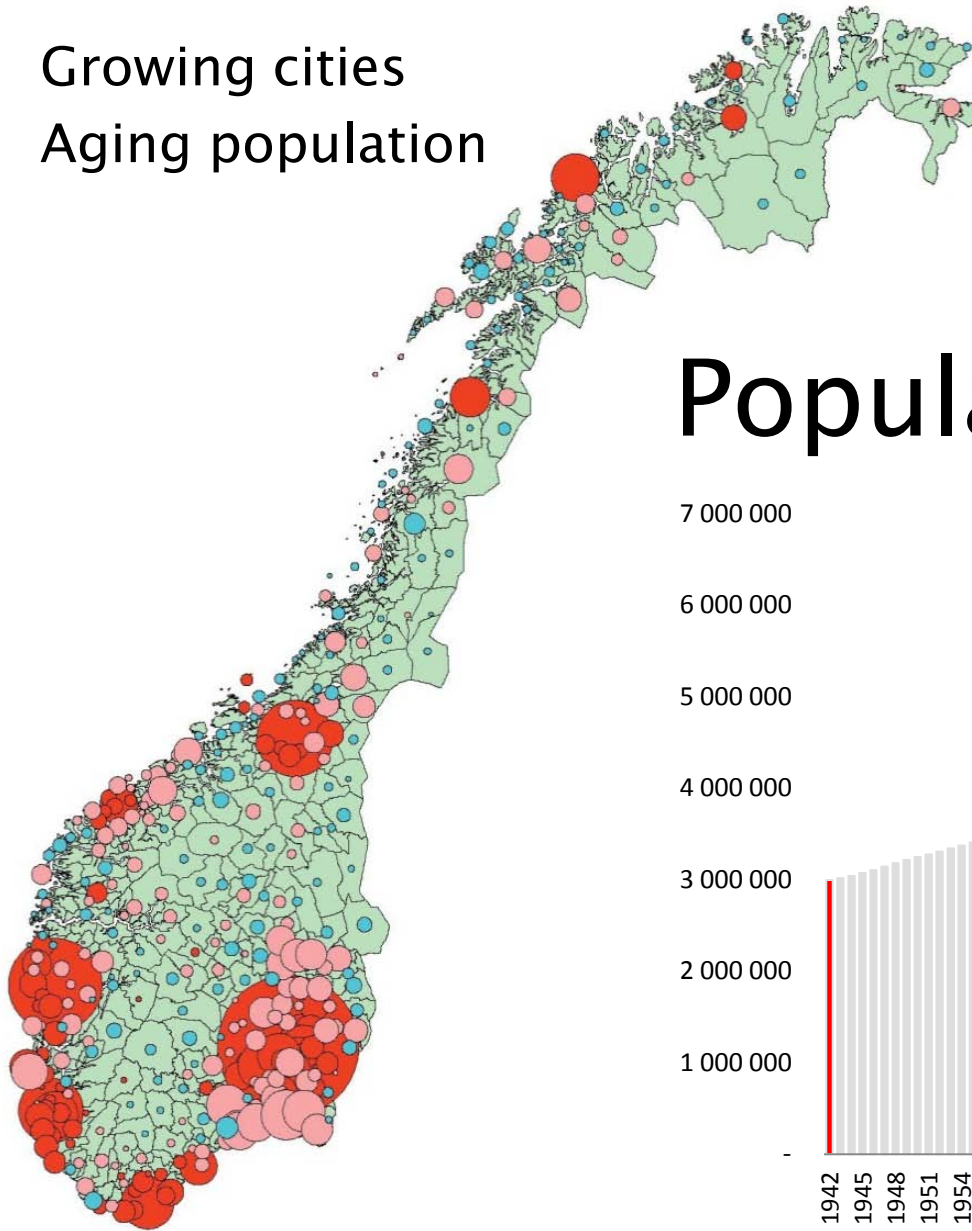
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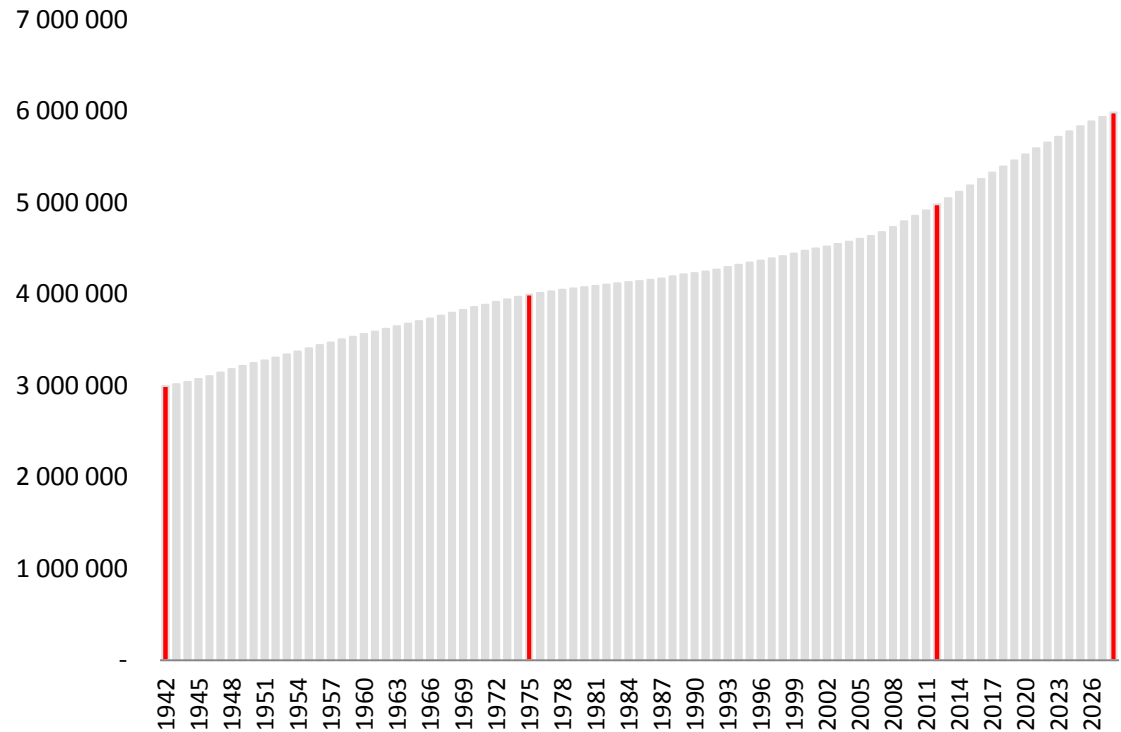
Growing cities
Aging population



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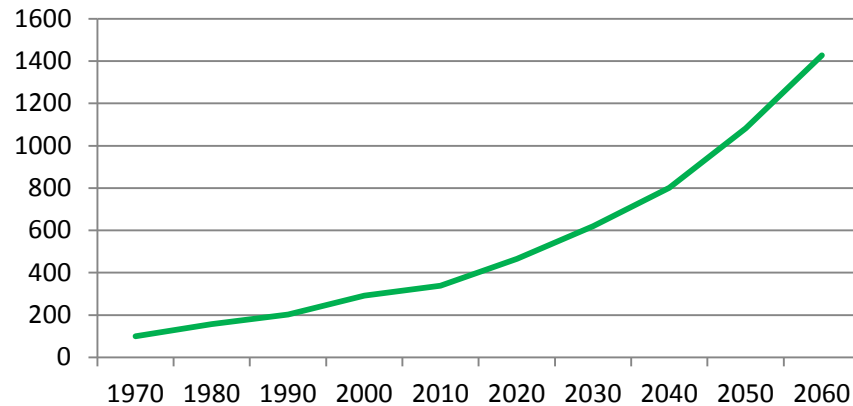
Population growth



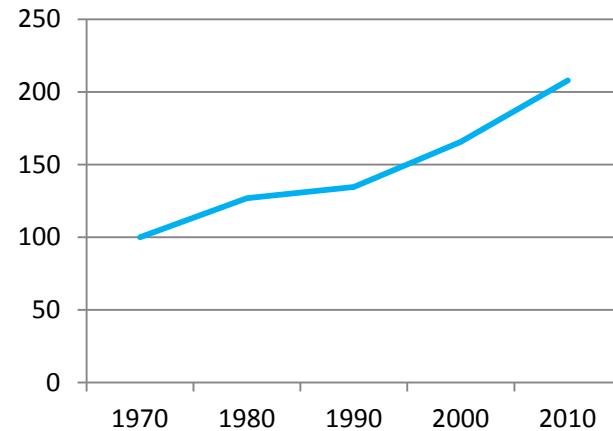


Economic growth

GDP (1970=100)



Real wages (1970=100)





Challenges

- Efficient delivery of major projects: planning and construction
- Cities – urban development
- Backlog on existing road network
- Rehabilitation and renewal of tunnels and bridges
- Traffic safety
- Environment
- Climate change





The cities

- Growth must be absorbed by public transport, walking and cycling
- Concentrated use of space
- Restrictions on car use
- Urban packages in the cities
 - binding agreements
 - EUR 2.25 billion + EUR 1.3 billion incentive scheme



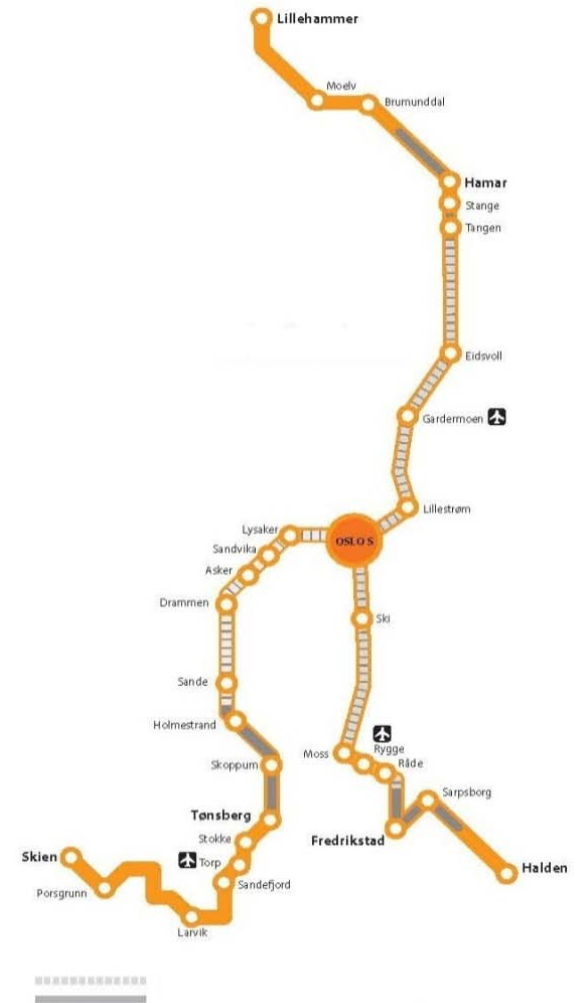


Strong regions and more efficient inter-regional transport

- Roads
- Rail
- Airports
- Fairways and ports

Some examples:

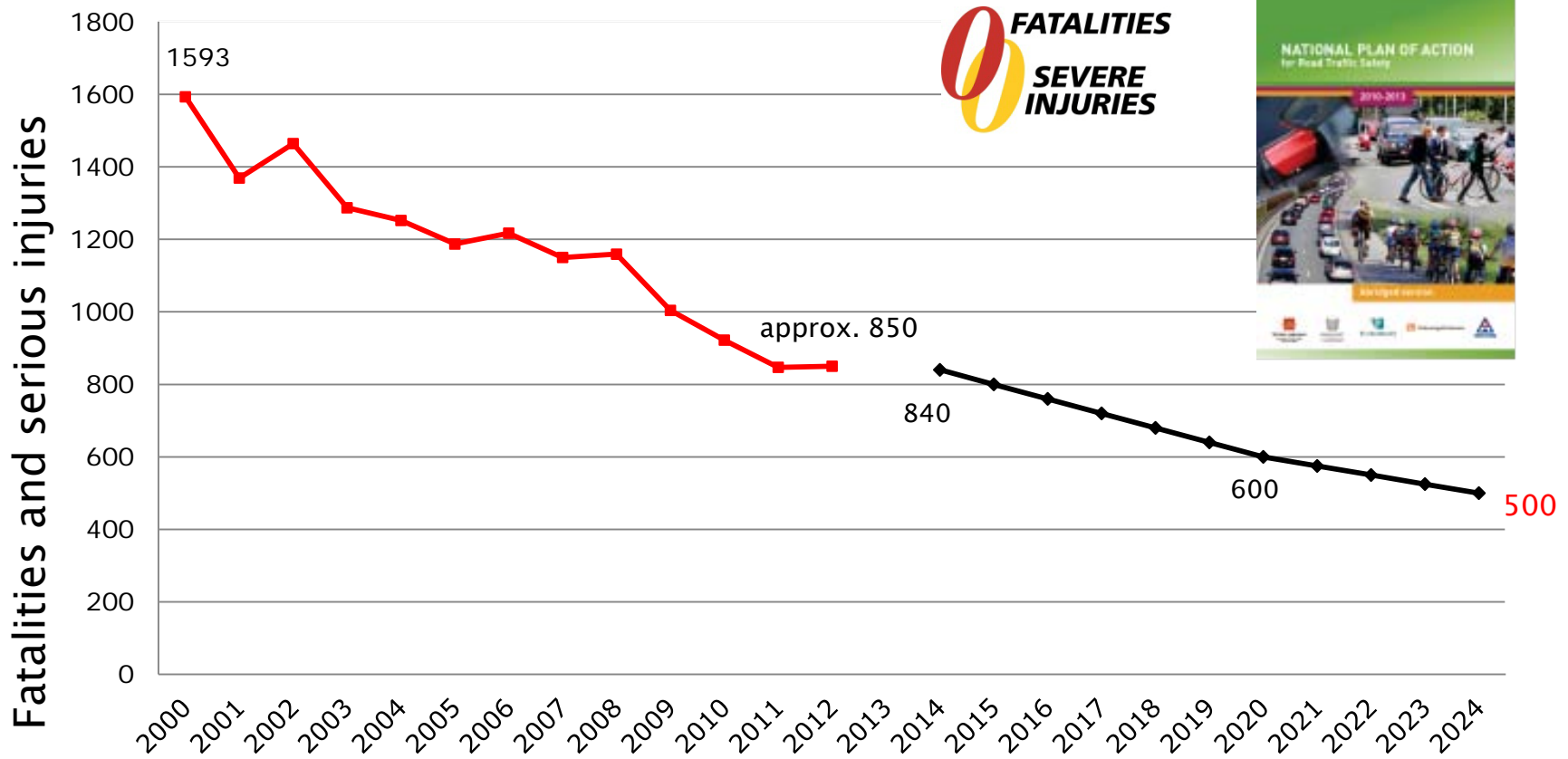
- Coastal highway E39 strengthens the region Stavanger – Haugesund – Bergen
- InterCity rail strengthens the Eastern region
- Expanded capacity at Bergen Airport
- Shipping fairway to Bergen





Traffic safety

– On our way to Vision Zero



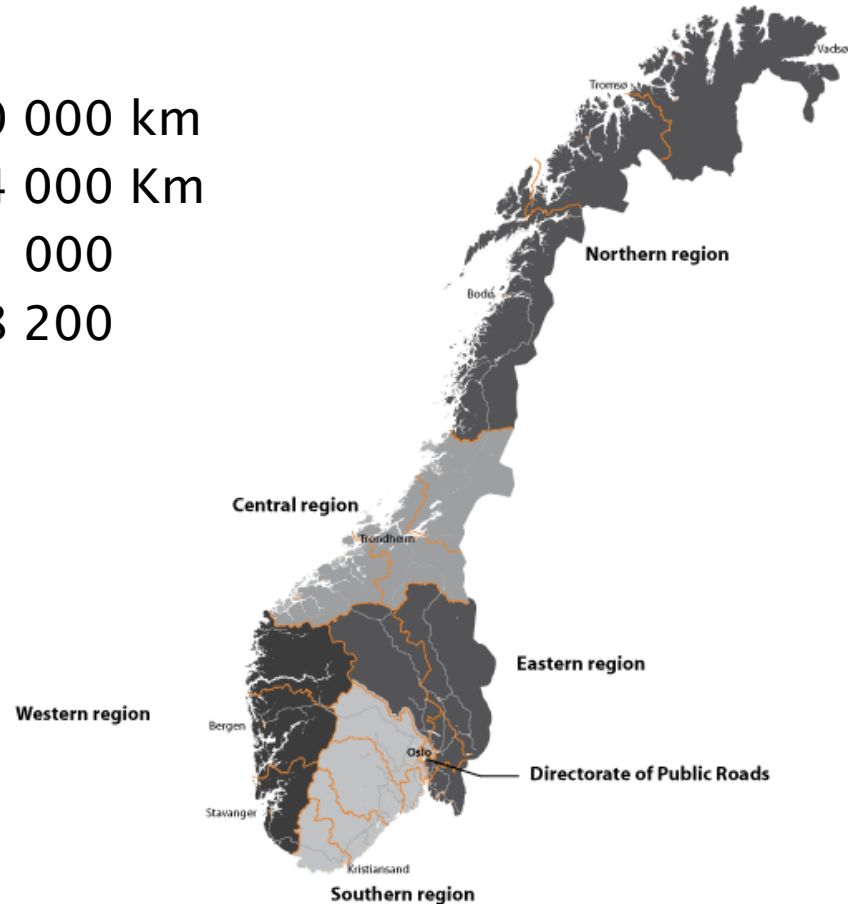
The number of fatalities and serious injuries should not exceed 500 by 2024



Norwegian Public Roads Administration

Five regions

- National roads: 10 000 km
- County roads: 44 000 Km
- Tunnels: 1 000
- Bridges: 18 200





Norwegian Public Roads Administration

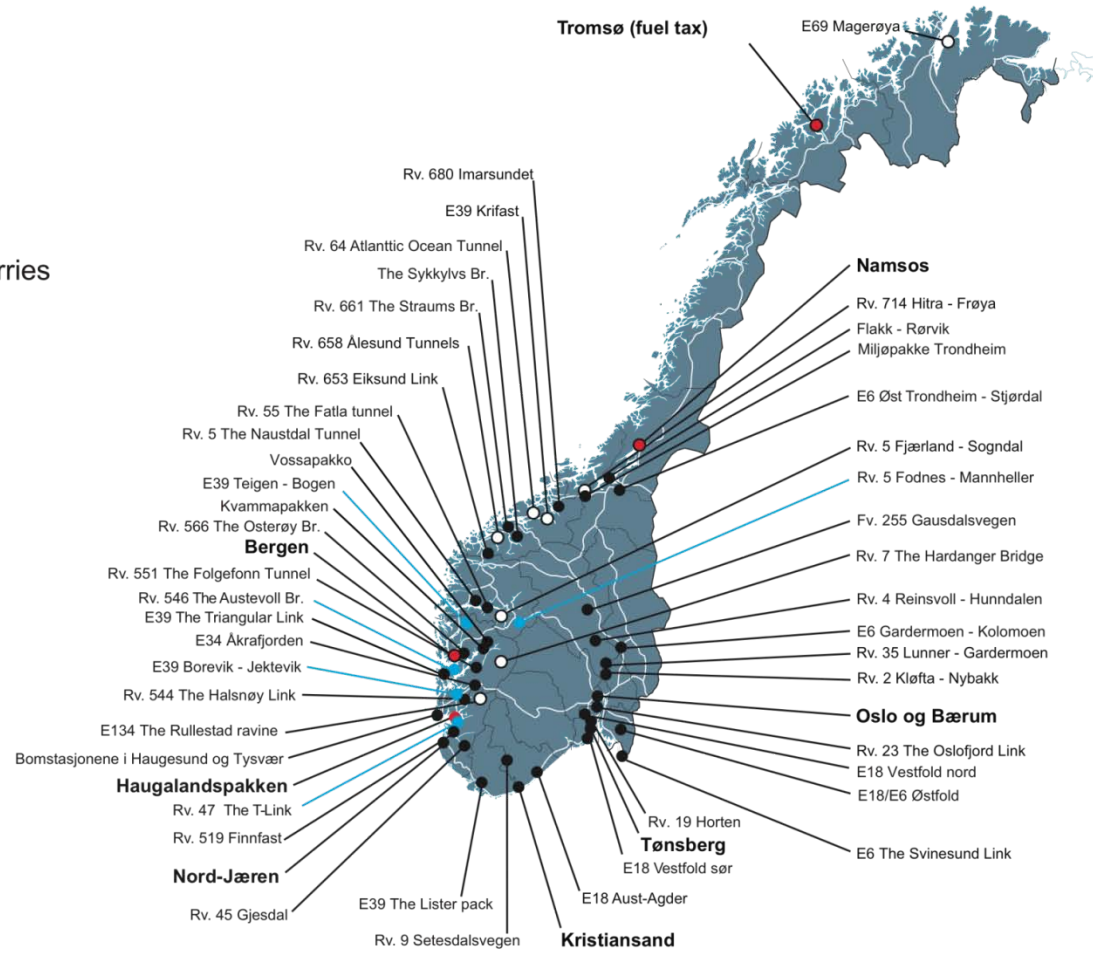
Key Figures Road Funding 2013

National roads		MEUR
Construction		1 360
Toll funding		1 369
Operations and maintenance		855
County roads		
Construction		875
Toll funding		803
Operations and maintenance		792
Total construction + operations/maintenance		6 055



Road toll projects

- City Projects
- Single Projects
- Toll collection on ferries
- AutoPASS tolling
- Open Road Tolling





National Transport Plan 2014–2023

An Expanding Market

- Road sector + 49 %
- Rail sector + 49 %
- Coastal sector + 55 %

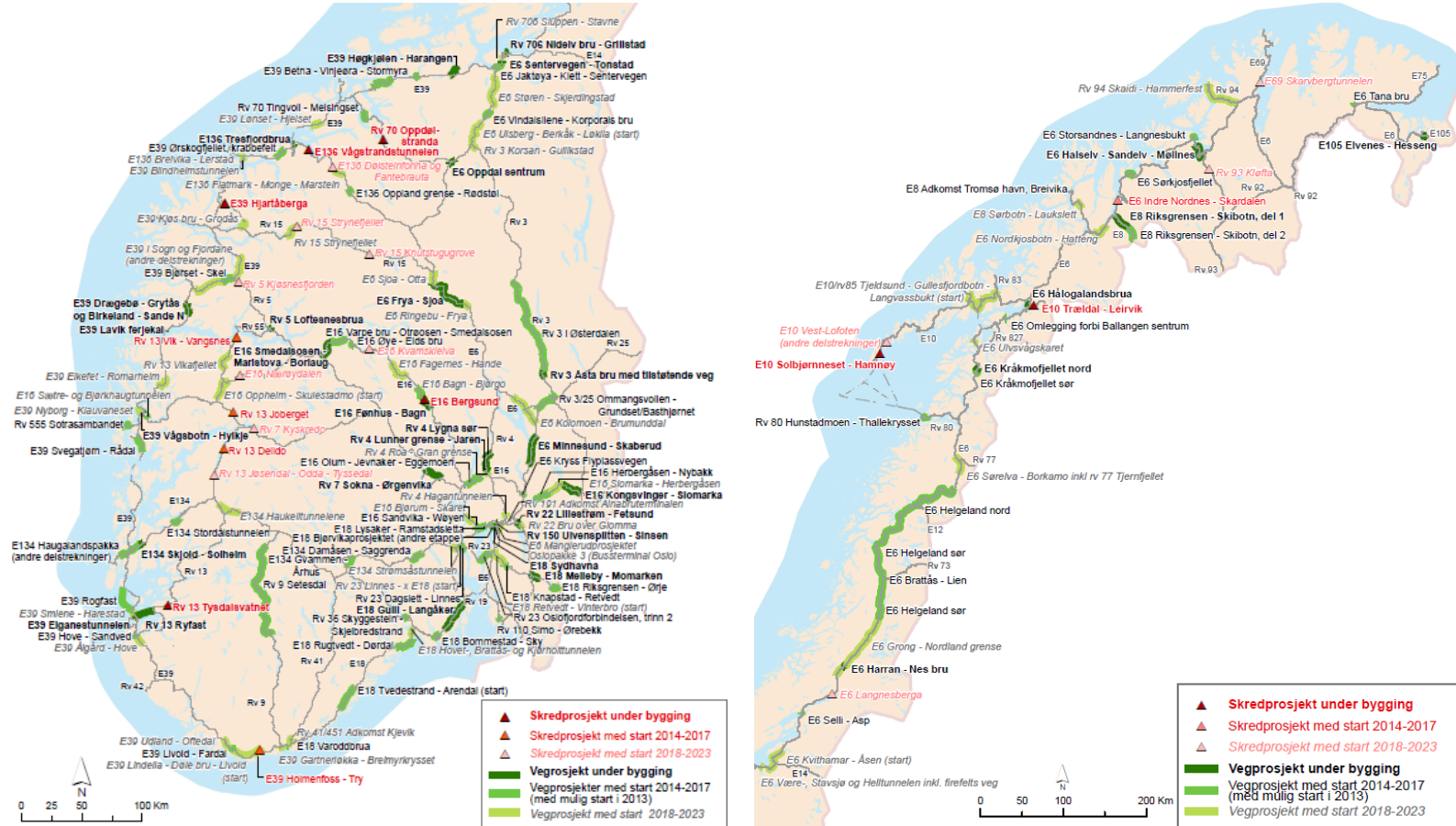
– compared to NTP 2010–2019





National Transport Plan 2014–2023

Hundreds of Upcoming Projects





Meeting a Growing Market

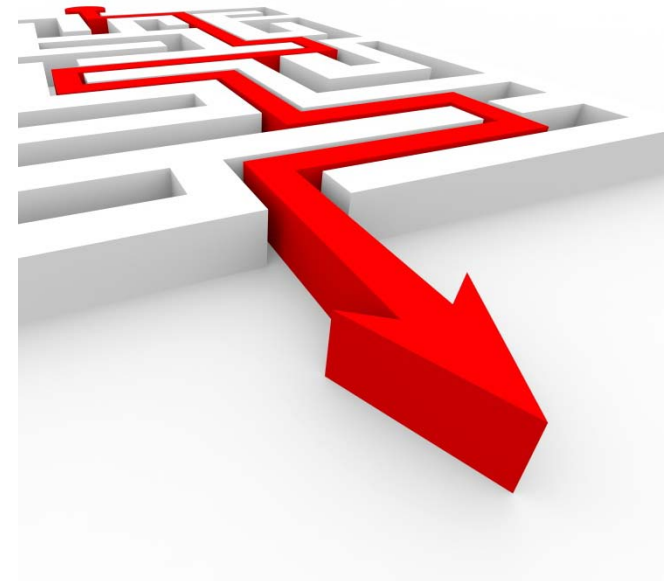
- More efficient planning
- Faster and less fragmented construction
- Cooperation with the consultancy and construction industries
- National and international competition
- Predictable funding





Particular Challenges

- HSE in an expanding market
 - Fatalities and severe incidents
 - Vision of zero accidents
- Social dumping
 - An international challenge
 - Wages and working conditions





The NPRA contract portfolio (investments)

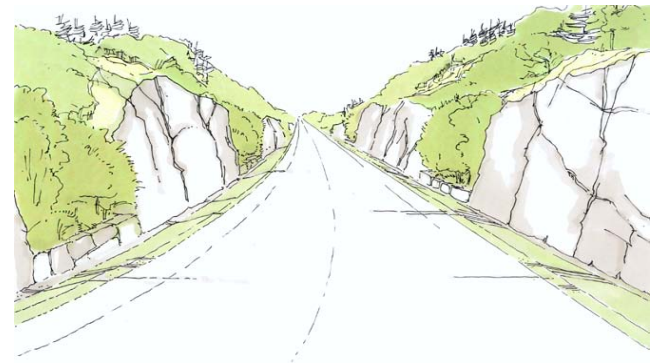
Annually about € 2 600 million
(incl. toll funding)

Approximately 500 contracts,
with the following dimensions:

≈ 300 < € 1.3 million

≈ 150 in range € 1.3 – 6.6 million

≈ 50 > € 6.6 million

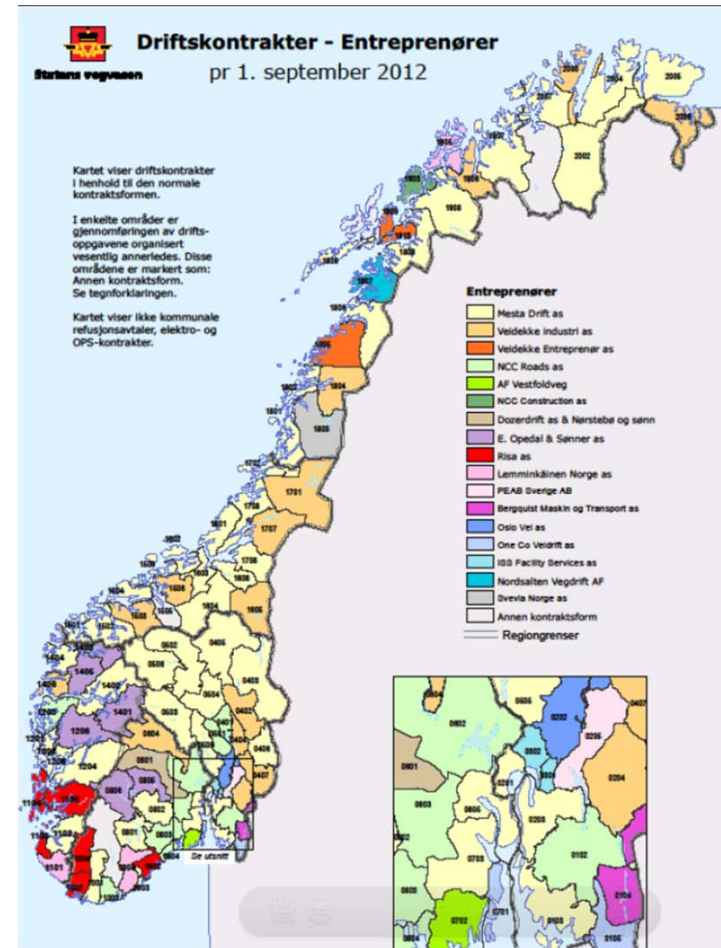




Operations – 105 contracts

Budget for the national and county roads in 2013:

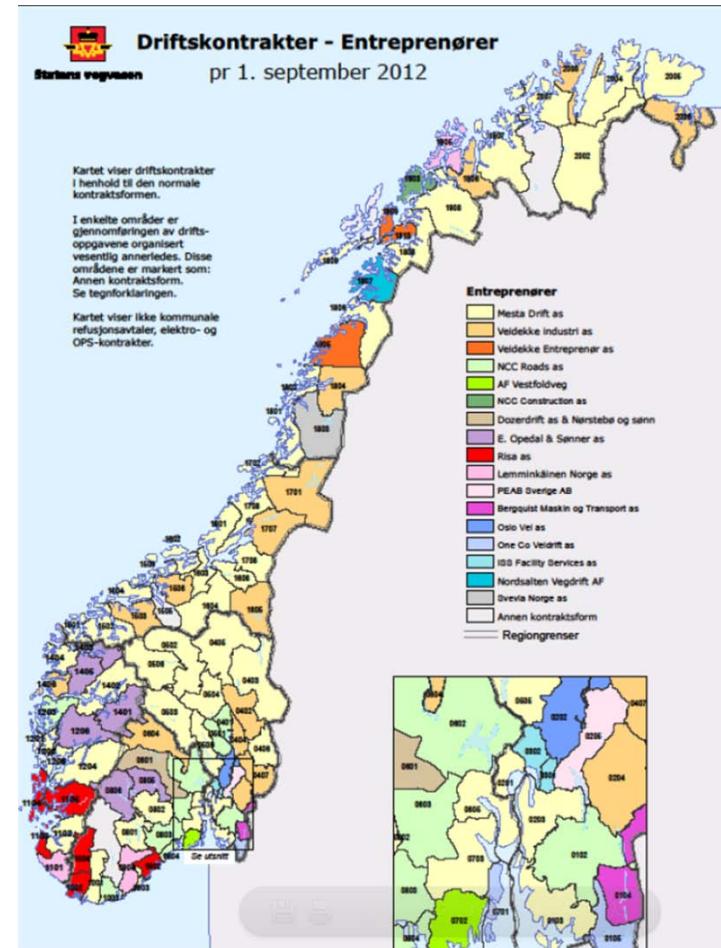
€ 400 mill.





Maintenance

- The budget will increase during the NTP-period
- The backlog will be reduced



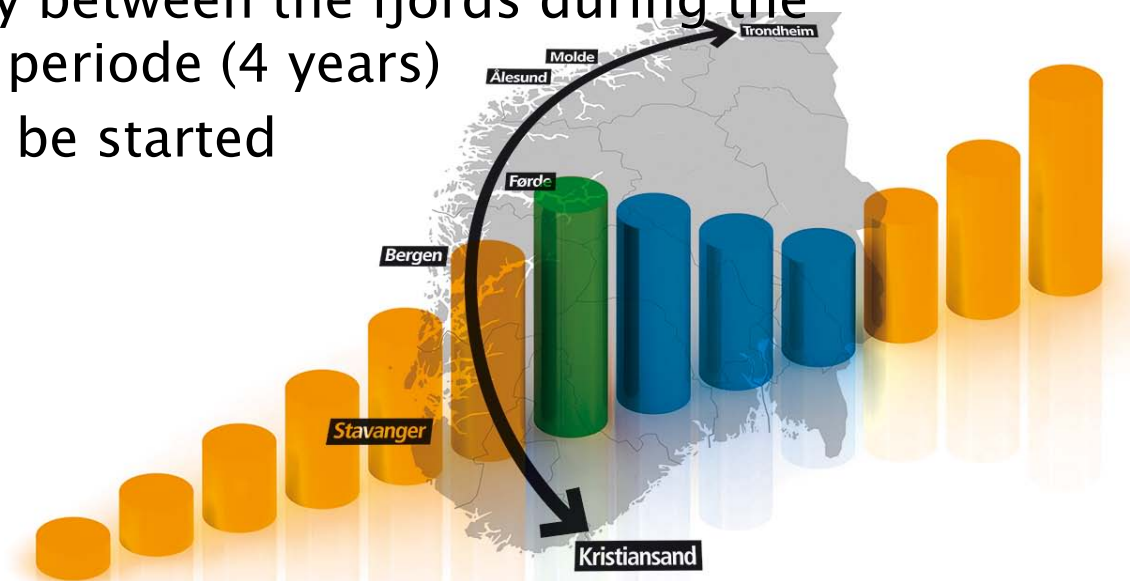
Project with special priority



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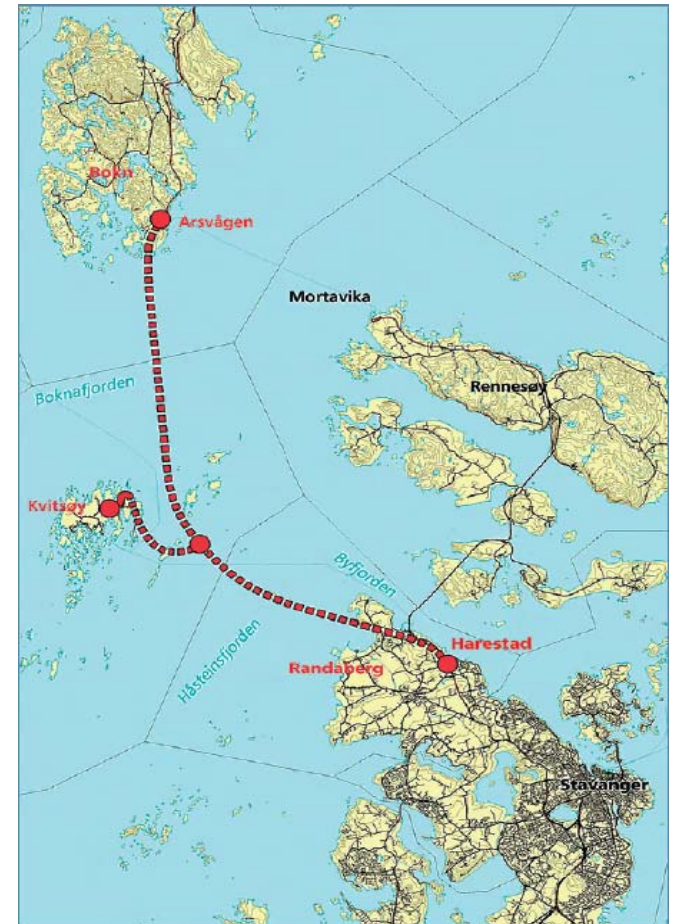
Coastal Highway E39

- 1.100 km – 7 ferry–connections
- Travel time 21 hours
- Ferry free within 20 years
- 7–8 hours reduced travel time
- Estimated investments 20.000 MEUR
- Activity mainly between the fjords during the first planning periode (4 years)
- «Rogfast» will be started



E39 Boknafjorden (ROGFAST)

- World's longest subsea tunnel (25 km)
- Depth: -390 m
- 2 tubes
- Possible start 2015





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Suspension bridge – Sognefjorden





Project information

The Regional Directors' presentations national information meeting January 2013:

www.vegvesen.no -> Entreprenør -> Bransjekontakt 2013

Information about projects and tenders:

www.vegvesen.no/vegprosjekter

<http://www.vegvesen.no/Fag/Veg+og+gate/Prosjektering+og+bygging/Utbyggingsprosjekter/Prosjektportalen>

Maritime infrastructure



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- Aids to navigation services
- Coastal fairways
- Fishing ports





Key figures from NTP Annual average for the period (MEUR)

Measures	Budget 2013	2014-2017	2018-2023
<i>Fishing ports</i>	50	40	35
<i>Fairways</i>	25	50	70
Subtotal	75	90	105



27.05.2013

Thank you for your kind attention