



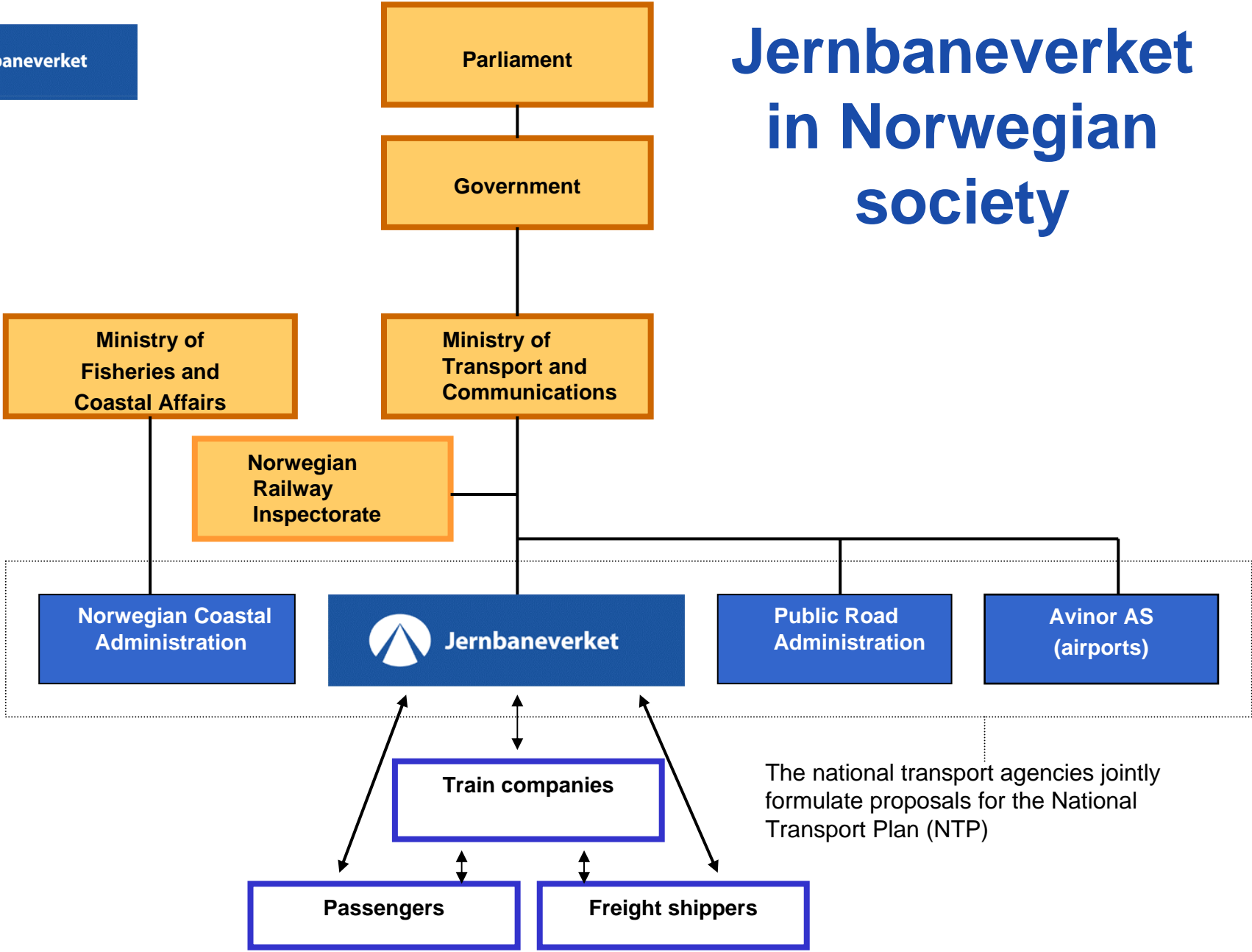
Jernbaneverket

2008

On track for More!



Jernbaneverket in Norwegian society





Ownership

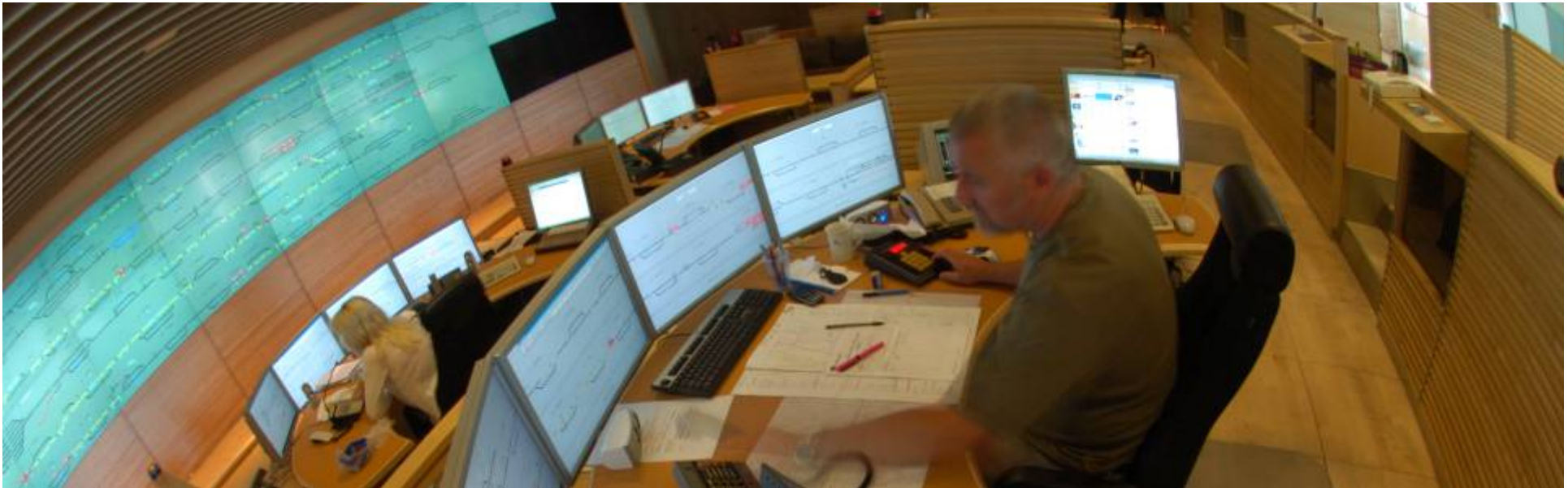
In 1996, the former Norwegian State Railways (NSB) was split into a train company, NSB BA, and an infrastructure manager, the Norwegian National Rail Administration (Jernbaneverket).

Jernbaneverket owns:

- Railway lines
- Platforms and waiting areas
- Stations built since 1996
- Electrification equipment
- Signals and interlockings
- Traffic control systems
- Telecommunications systems

Our core processes

- Planning, designing and constructing rail infrastructure
- Operating and maintaining rail infrastructure
- Allocation track capacity
- Operational traffic management



Our tasks

- To provide Norway's train companies with a safe and efficient transport system
- To plan, improve and maintain the rail network, including stations and freight terminals
- To manage rail traffic
- To plan and produce timetables
- To allocate track capacity between different train companies

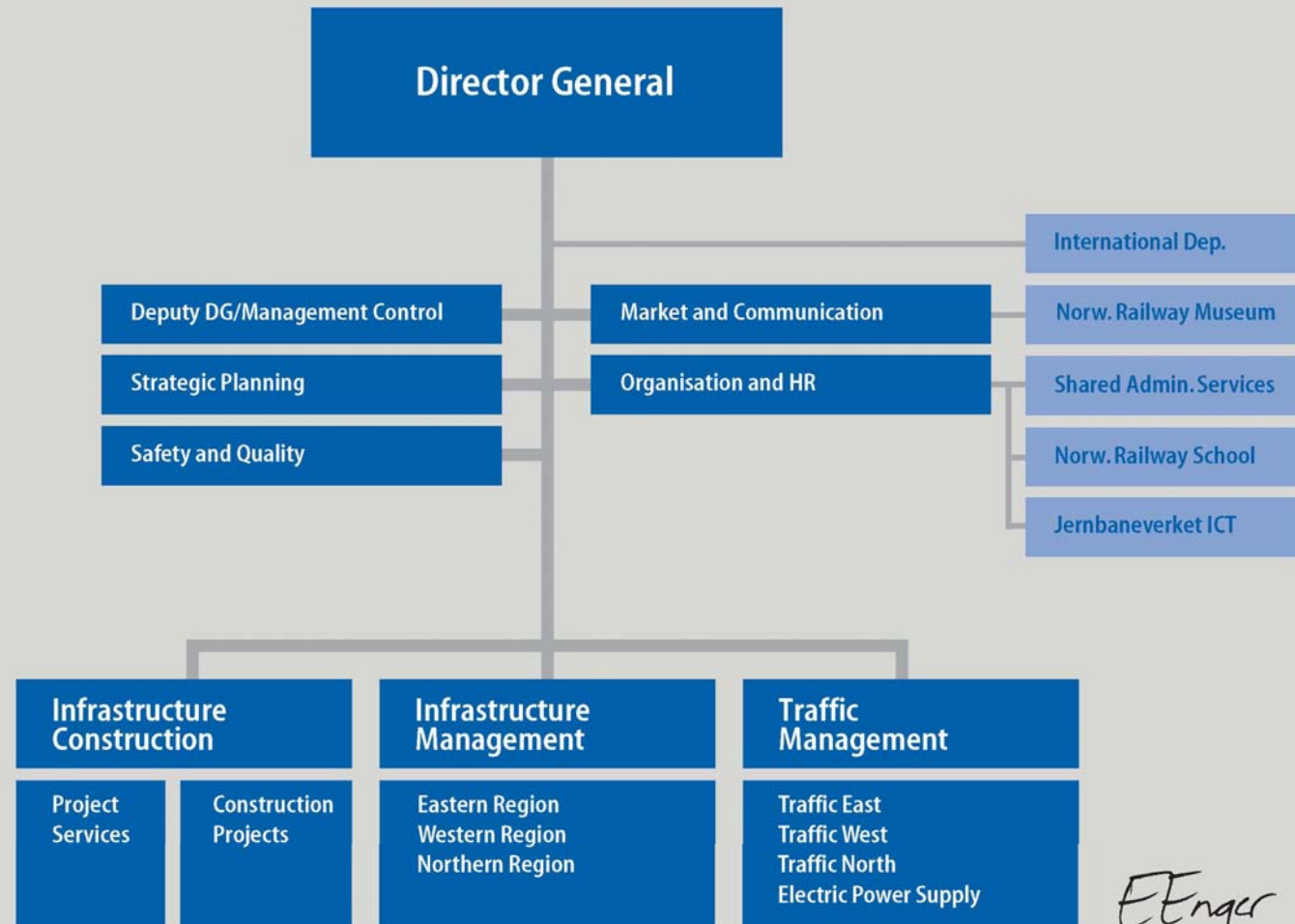




Our core areas

- Competitiveness and Socioeconomic Benefit
- Productivity and Process Quality
- Safety, Punctuality and Customer Satisfaction
- Human Resources and Organizational Development

Our organizational structure





National Transport Plan (NTP) 2010-2019

We propose the following priorities:

- Increasing the maintenance budget for the existing rail infrastructure by postponing some new construction projects
- Investing in capacity enhancements on the Vestfold and Dovre lines
- Doubling the freight capacity of the Norwegian rail network by 2020
- Further study of operating models, market potential and the socioeconomic benefits of high-speed trains in Norway



The Norwegian rail network

- 4114 route-km
- 227 km (5%) double track
- 144 km with line speed over 160 km/h
- 2552 km electrified lines
- 706 tunnels
- 2523 bridges

Train companies that have track access agreement with Jernbaneverket

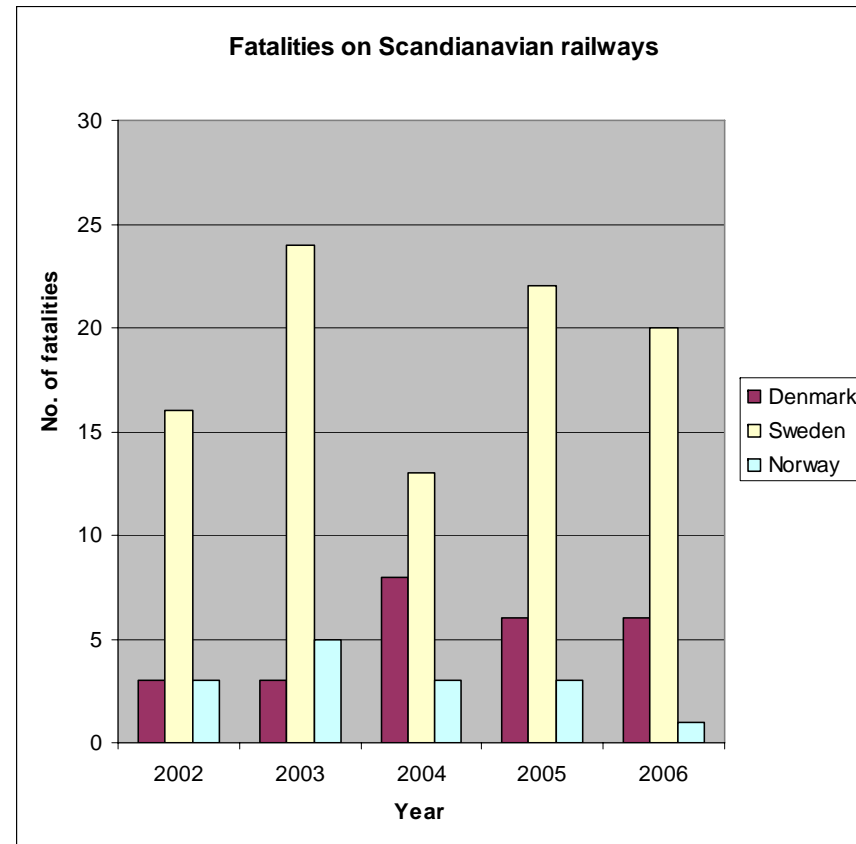
- AS Valdresbanen
- Bantåg Nordic AB
- Cargolink AS
- Cargo Net AS
- Flytoget AS (Airport Express)
- Green Cargo
- Hector Rail
- MTAS (Malmtrafikk AS)
- NSB AS (Norwegian State Railways)
- NSB Gjøvikbanen AS
- OBAS (Ofotbanen AS)
- Peterson Rail
- SJ AB (Swedish Railways)
- Togåkeriet





Rail – the safe way to travel

- Despite increased traffic, Norwegian railways have never been safer



Think green – think rail

- Modern trains have low energy consumption
- Electric trains can transport people and goods without emitting CO₂
- Electrified lines in Norway run solely on renewable energy





Jernbaneverket – leading Europe's railways in energy metering

BaneEnergi, Jernbaneverket's in-house power supplier, has initiated the development of a joint system for measuring the energy consumption of the Norwegian, Swedish and Danish rail networks. This project is being watched closely across Europe.

Benefit:

The system has the potential to cut the energy consumption of trains by 10%, resulting in large cost savings for train companies.

GSM-R

- Norway's third largest mobile phone network
- Advanced digital cellular system ensures secure communication between train drivers and controllers
- Entered service as an emergency communication system on the rail network in 2007
- Managed from a state-of-the-art operations centre in Trondheim
- Emergency calls have priority over other calls
- Improves the efficiency of rail operations





Traffic growth

Passenger services

Almost 57 million passengers travelled by train in 2007, an increase of more than 10% on 2006.

Freight

Intermodal freight (which makes up 85% of freight traffic) increased by 70% between 2002 and 2006 when measured in terms of the number of containers.

Jernbaneverket aims to double freight capacity by 2020.



Jernbaneverket



3000 co-workers



Our expertise

- Highly qualified co-workers in a range of specialist fields including telecommunications, electrical and construction trades, socioeconomic planning, scheduling and traffic management
- A European leader in modern telecommunications, and one of the leading employers of electrical and energy specialists

For current job vacancies see
www.jernbanelogotipet.no/jobb



The Norwegian Railway School

- On behalf of the rail sector, the Norwegian Railway School in Oslo offers training for locomotive drivers and specialized refresher courses
- The school aims to be an impartial knowledge provider serving the various players in the rail sector





Jernbaneverket

Apprenticeships

Jernbaneverket offers apprenticeships lasting 2–2½ years for signal, track, power and telecommunications technicians and for electricians





The Norwegian Railway Museum

- An exciting experience for all ages
- Located in Hamar and run by Jernbaneverket
- Aims to document and tell the story of Norwegian railways
- Aims to increase public knowledge of railway history

www.jernbanemuseet.no



Diversity!





For more information visit

www.jernbaneverket.no