The state organisation of petroleum operations

- Stortinget (parliament)
- Government
  - Ministry of Finance
  - Ministry of Petroleum and Energy
  - Ministry of Labour and Government Administration
    - Norwegian Petroleum Directorate
    - Petroleum Safety Authority Norway
The organisation of the MPE

- Minister
  - Political advisor
  - State secretary
  - Secretary general
    - Information section
      - E&P and market department
      - Petroleum department
      - Adm. budgets and accounting department
      - Energy and water resources department
The E&P and market department and the Petroleum department

E&P and market department
- Exploration section
- Oil section
- Gas section

Petroleum department
- Industry section
- Environmental affairs section
- Section for state participation
- Petroleum law and legal affairs section
- Economics section
Licensing round

Nomination → Announcement → Application → Award

Negotiation
Macroeconomic indicators for the petroleum sector

Source: Statistics Norway/Ministry of Finance
Net cash flow to the state from petroleum operations*

Source: National account and state budget
Investment 1985-2003

Source: Statistics Norway
Estimates for future investment in fields and pipelines 2004 - 2013

Fields in production or under development
Specific measures on producing fields
Pipelines/onshore
Finds under evaluation
Possible improved recovery measures
Undiscovered resources

Source: MPE/NPD
Status for petroleum resources and the uncertainty in the estimates

Source: NPD
Total production

Source: MPE/NPD
Oil production (incl. NGL) 1981-2003

Source: MPE/NPD
Dry gas deliveries from the NCS

Source: MPE/NPD
Production forecast for petroleum 2004-2014
Historical oil price development, 1972 - 2003

Source: Platts
Production and net export of crude oil* 2003

Net export

- Saudi Arabia: 8.46 mill b/d
- Russia: 5.83 mill b/d
- Norway: 3.01 mill b/d
- Iran: 2.58 mill b/d
- UAE: 2.38 mill b/d
- Kuwait: 2.03 mill b/d
- Nigeria: 2.01 mill b/d
- Venezuela: 1.98 mill b/d
- Mexico: 1.73 mill b/d
- Algerie: 1.6 mill b/d

Production

- Saudi Arabia: 9.88 mill b/d
- Russia: 8.46 mill b/d
- USA: 7.84 mill b/d
- Iran: 3.95 mill b/d
- Mexico: 3.79 mill b/d
- China: 3.42 mill b/d
- Norway: 3.26 mill b/d
- Canada: 2.98 mill b/d
- UAE: 2.63 mill b/d
- Venezuela: 2.53 mill b/d

*incl NGL/condensate

Source: Petroleum Economics Ltd
Sale of Norwegian crude oil 2003*

Total 164,7 mill scm oe

- Canada 6,9 %
- France 11,4 %
- Netherlands 12,7 %
- Norway 12,9 %
- UK 23,6 %
- USA 8,1 %
- Germany 9,4 %
- Sweden 4,5 %
- Others 10,6 %

*to first recipient

Source: NPD
Sale of NGL/condensate 2003*

Total 21.7 mill scm oe

- Belgium: 6.0%
- Denmark: 7.4%
- Finland: 2.2%
- France: 2.7%
- Netherlands: 13.6%
- Norway: 18.4%
- USA: 18.0%
- Germany: 3.3%
- Sweden: 7.3%
- UK: 5.0%
- Spain: 0.8%
- Portugal: 0.8%
- Others: 14.4%

* to first recipient

Source: NPI
Definition of natural gas

Natural gas

Methane (C₁)
Ethane (C₂)
Propane (C₃)
Butane (C₄)

LPGs

Pentanes and heavier fractions, also referred to as:
C₅ +
Naphta
Condensate

NGLs
Norwegian natural gas exports 2003

Total 71.1 scm oe.

- Germany: 34.2%
- France: 18.8%
- Netherlands: 8.9%
- Belgium: 9.2%
- UK: 12.3%
- Spain: 3.4%
- Poland: 0.6%
- Czech Rep: 3.5%
- Austria: 1.1%
- Italy: 7.9%
- Denmark: 0.1%
- UK: 12.3%

Source: MPE
Awards per year

Number of blocks awarded
Number of production licences
Area awarded sq. km

Source: NPD
Exploration wells completed per year after reclassification

Source: NPD
Emissions to the air

- Diffusive emissions
- Gas turbine exhaust
- Well testing
- Gas flaring
- Diesel fuel exhaust
- Gas venting
Discharges to the sea

- Seewage/household effluents
- Drains
- Drilling discharges
- Spill
- Produced water
- Cooling water
- Displacement water
Total employment in Norway’s petroleum sector
1982-2003

Source: Directorate of Labour
Internettadresse - Internet address

www.oed.dep.no

www.mpe.dep.no