



OLJE- OG ENERGIDEPARTEMENTET

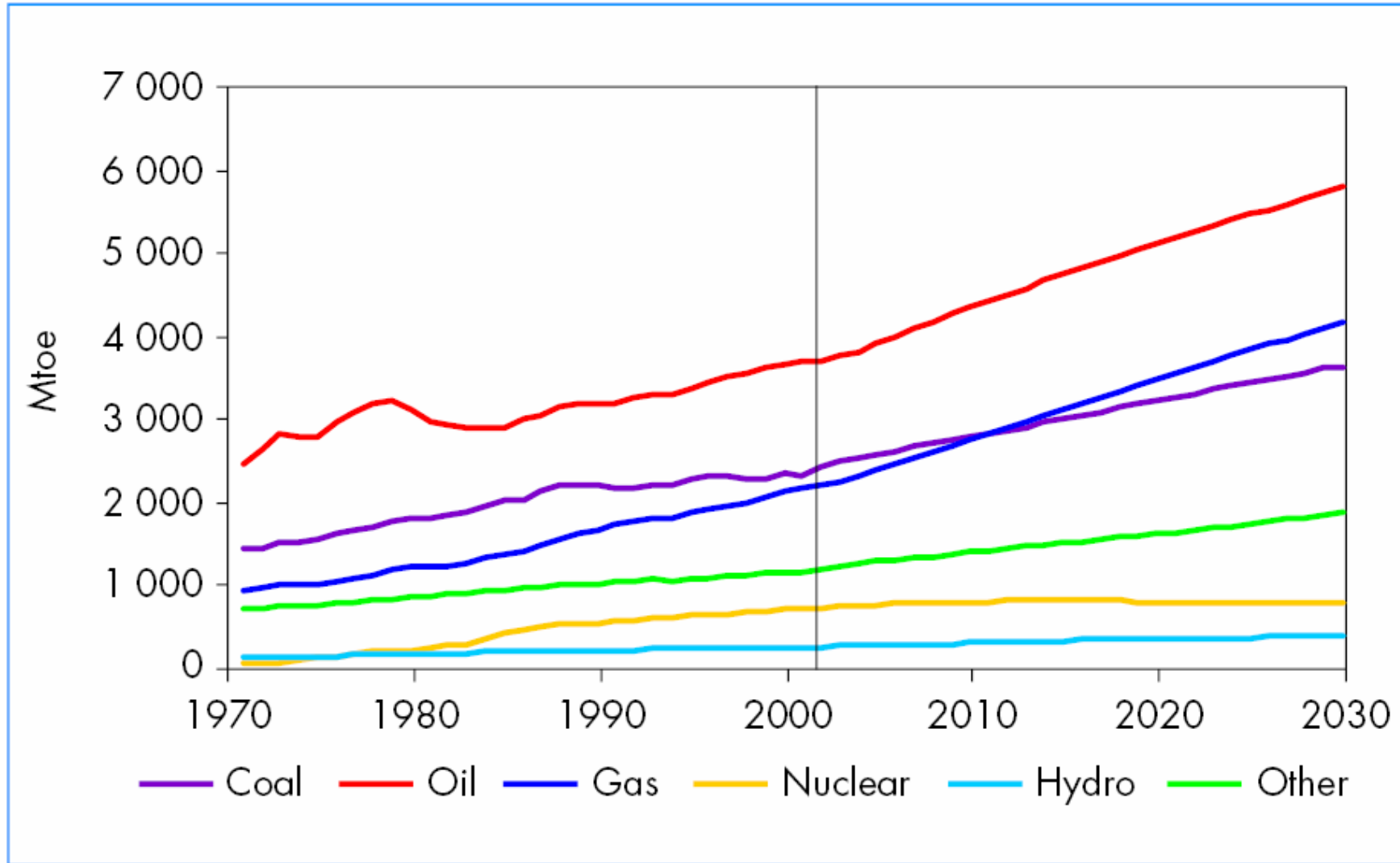
Ministry of Petroleum and Energy

Priorities in Supporting the Oil and Gas Industry Abroad

Thorhild Widvey
Minister of Petroleum and Energy

Intsok's 8th Annual Conference
Stavanger, November 9, 2004

World Primary Energy Demand by Fuel



Source: IEA (2004)

Investment requirements 2001-2030

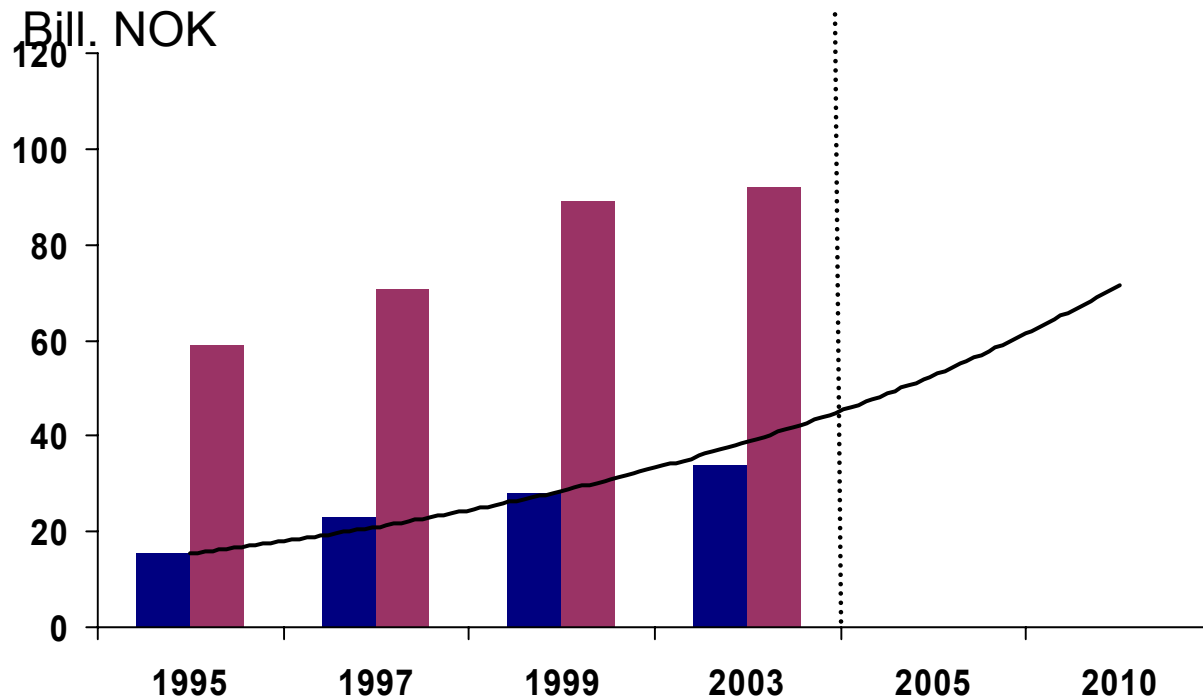
A little over **\$ 3 trillion** of investment will be needed in the oil sector.

Cumulative investment in the natural gas supply chain will be **\$ 3.1 trillion**.

The total investment requirement for energy-supply infrastructure worldwide is **\$ 16 trillion**.



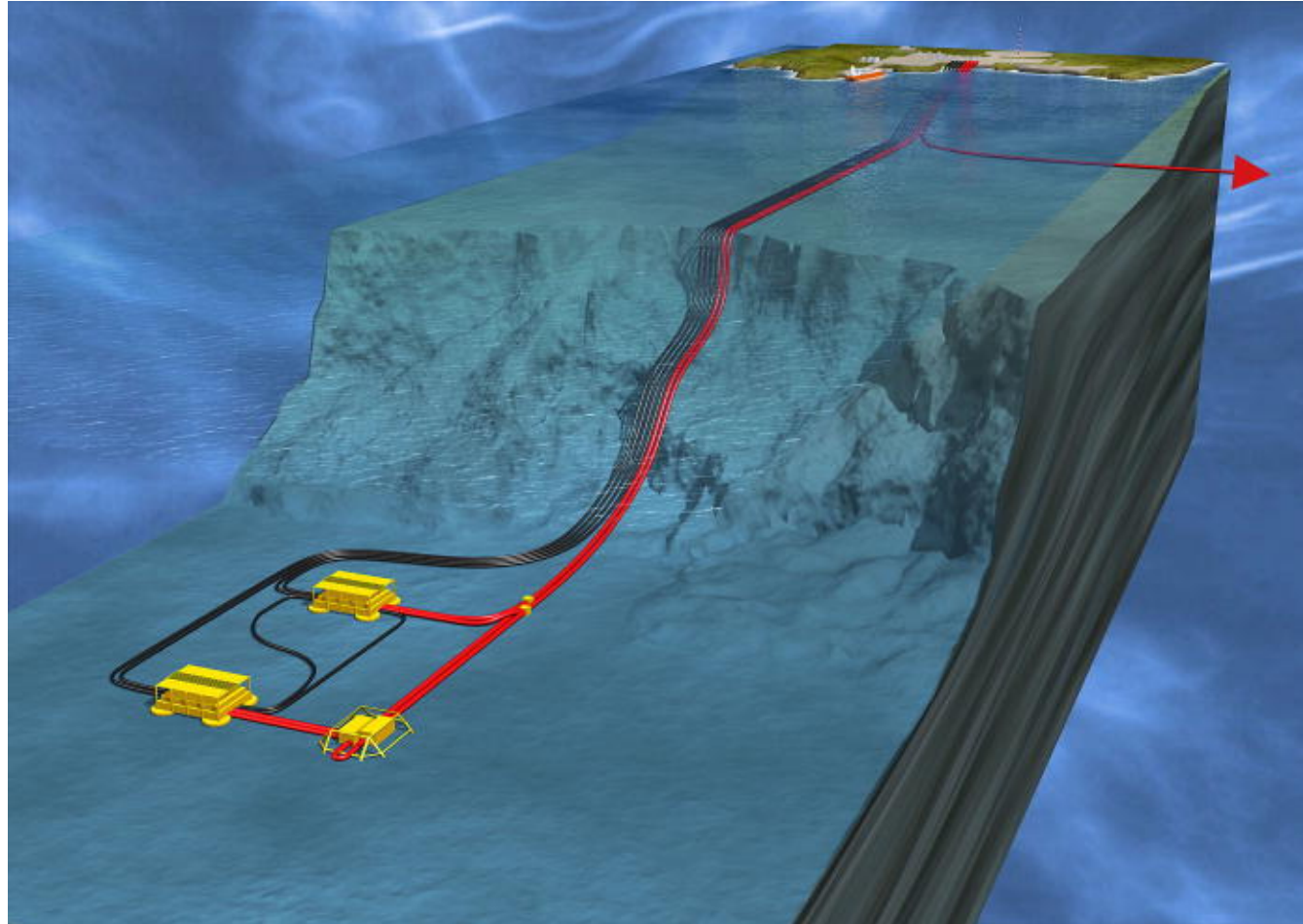
The international market is becoming more important for the supply industry



Continued growth in exports important as investments on NCS are expected to decline

■ The supply industry's international sales and future ambitions (Source: INTSOK/SNF)
■ Total market on the NCS - CAPEX and OPEX (Source: MPE)

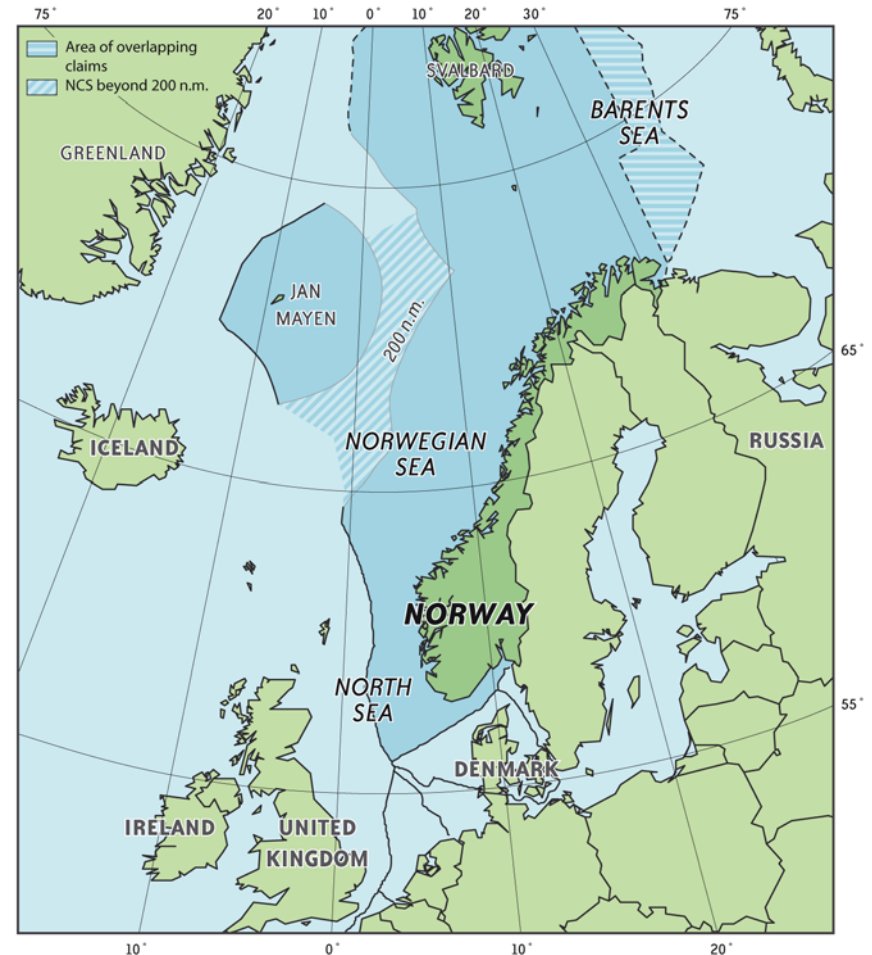
Prerequisites for a vital petroleum industry at the NCS



The industry must be able to compete at home and abroad !

The NCS is still attractive

- 22 new companies have been pre-qualified / entered the NCS since 2000.
- 8 companies are currently in the pre-qualification process.
- The new companies are supplements, not replacements.



OG21 - National Technology Strategy



Vision

- World class competence
- A leading global industry
- The most innovative offshore province in the world

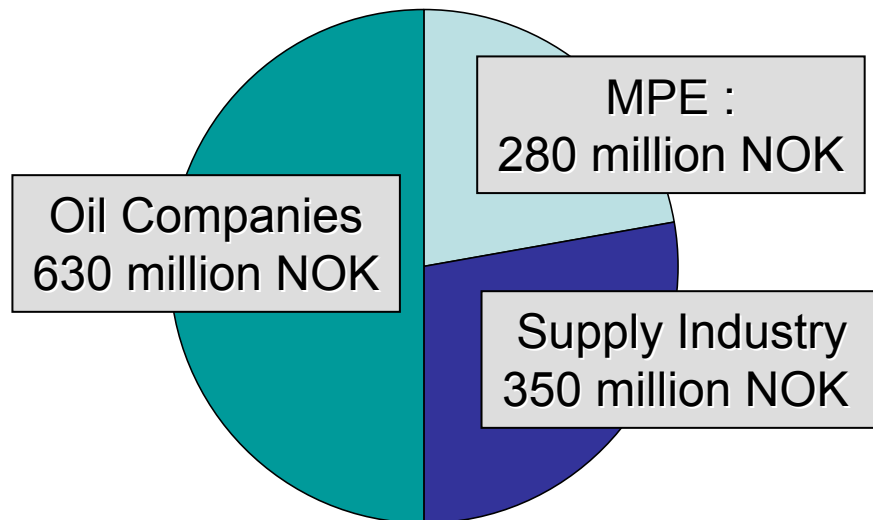
9 Technology Targets → Lead Parties

- Zero harmful discharge to sea → Conoco/Philips
- 30% red. emissions to the atmosphere → Shell
- Stimulated recovery → Statoil
- Cost effective drilling → Exxon/Mobil
- Real time reservoir management → BP
- Deep water floating technology → Norsk Hydro
- Long range transport of well stream → Statoil
- Seabed and downhole processing → TotalFinaElf
- Competitive gas production and offtake → Shell

Significant increase to DEMO 2000 and PETROMAKS

**DEMO
2000**

Total 1999 - 2004:
1260 million NOK



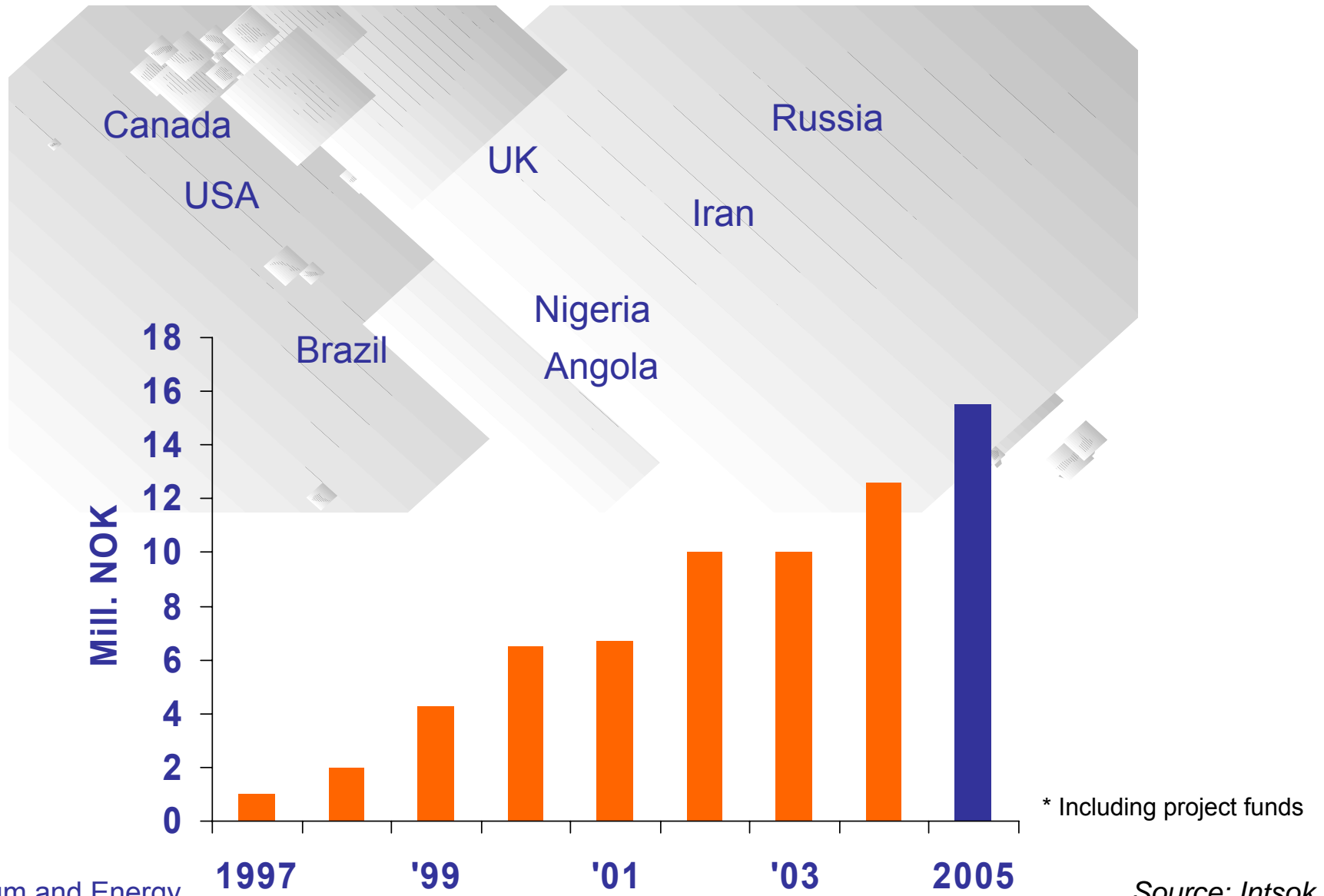
 The Research Council of Norway

PETROMAKS

The Government proposes a significant growth in the budget appropriations for PETROMAKS in 2005.

The total commitment for PETROMAKS will then amount to approximately 180 million kroner.

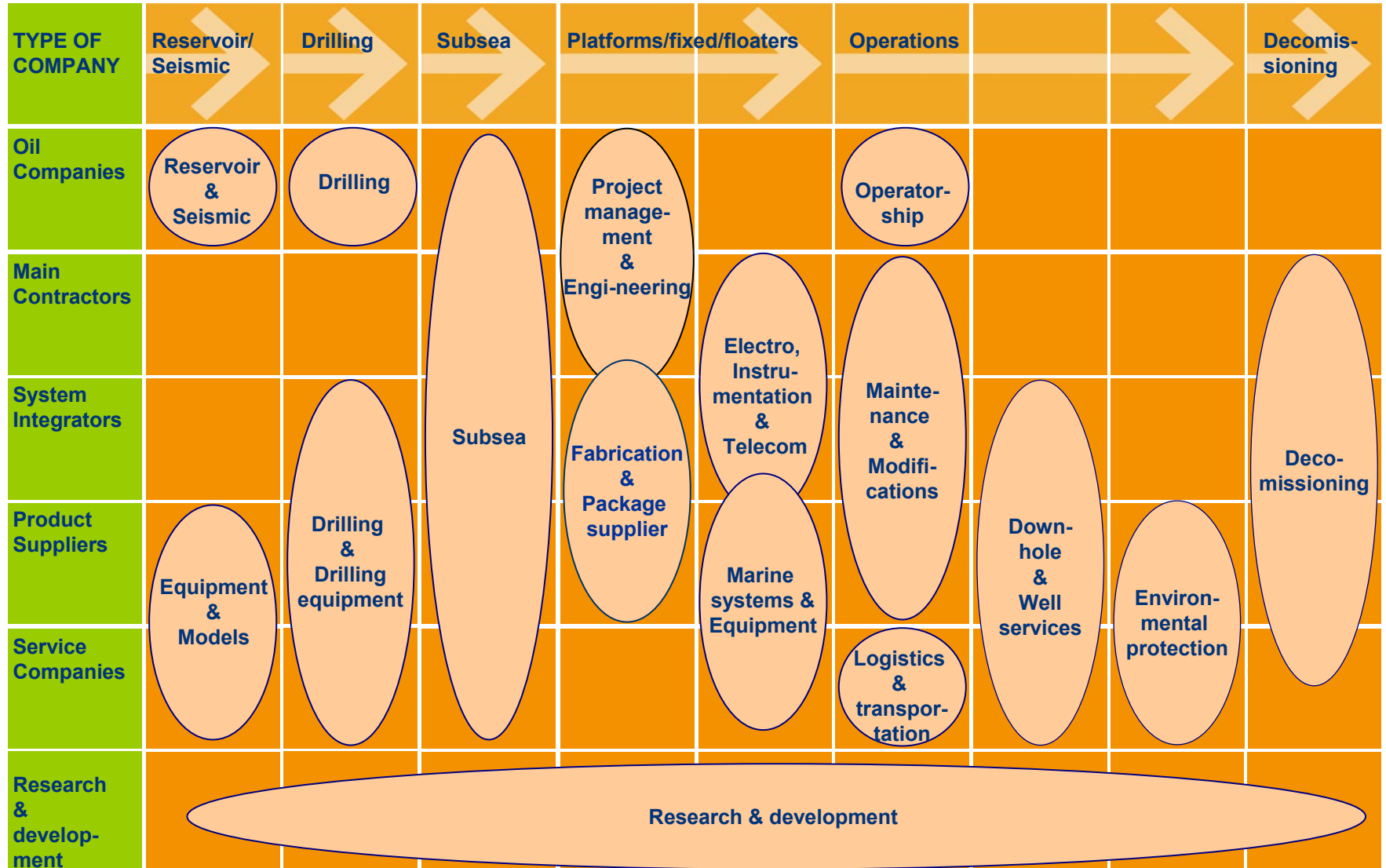
MPEs contribution to Intsok – 2005 budget



Norwegian Oil & Gas Competence

Value Chain

Supply Chain





The Government is determined to contribute to international success for the Norwegian petroleum industry !



www.mpe.dep.no

www.npd.no

