



OLJE- OG ENERGIDEPARTEMENTET

# **EURELECTRIC Annual Convention and Conference**

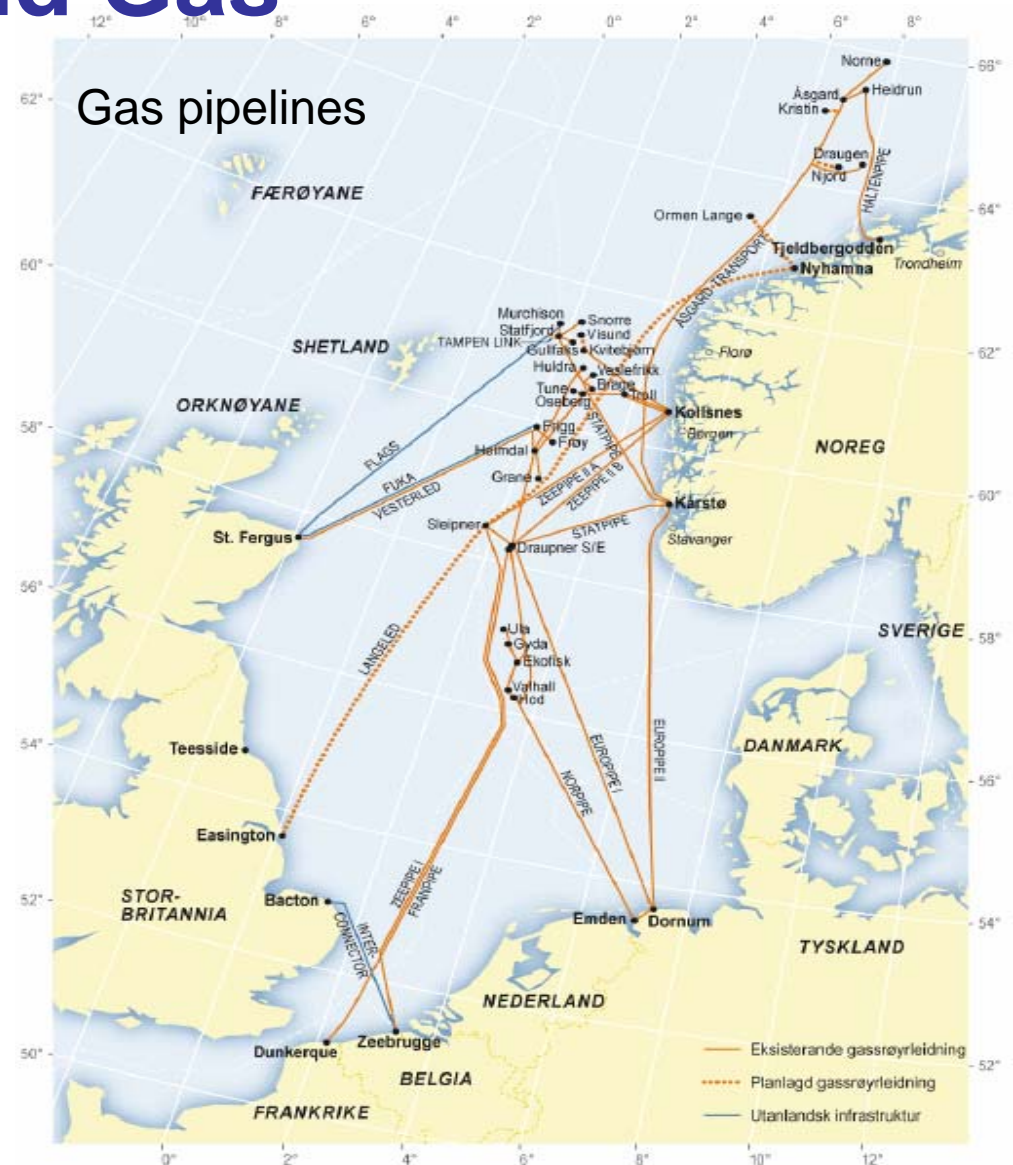
**Mr. Odd Roger ENOKSEN  
Minister of Petroleum and Energy**

**Oslo, Norway, 12 & 13 June 2006**

# A Nation of Energy - Oil and Gas

The petroleum sector is responsible for 1/4 of all value creation in the country

Norway is the world's third largest exporter of oil and gas



# A Nation of Energy - Electricity

Annual production of about  
119 TWh

The 6. largest hydro power  
producer in the world

Large unutilized renewable  
energy potential



# The Norwegian Power Market

A well functioning power market for electricity

Integrated part of a Northern European power market

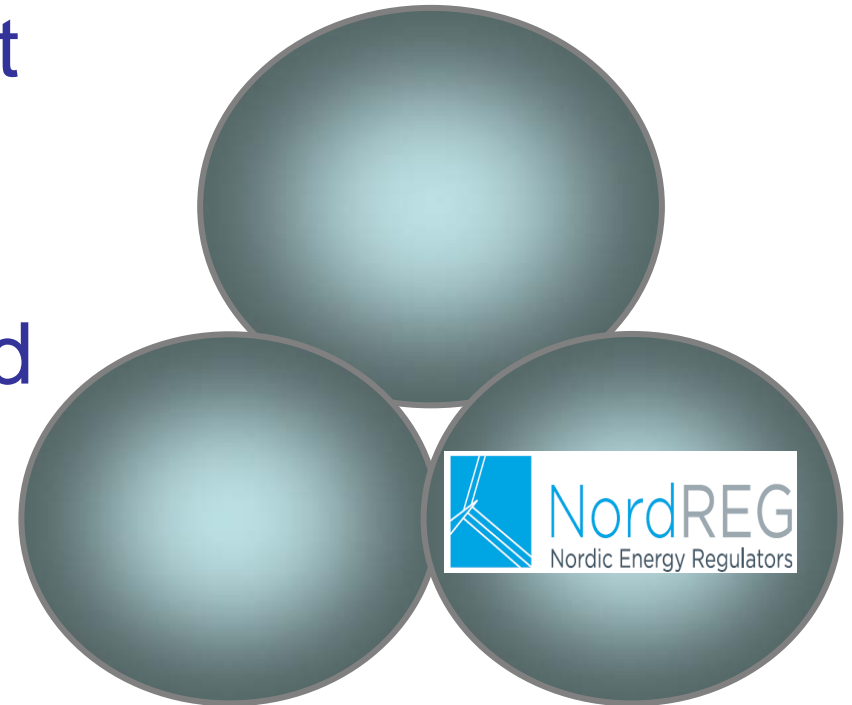


# The Nordic Power Market

A well-functioning market

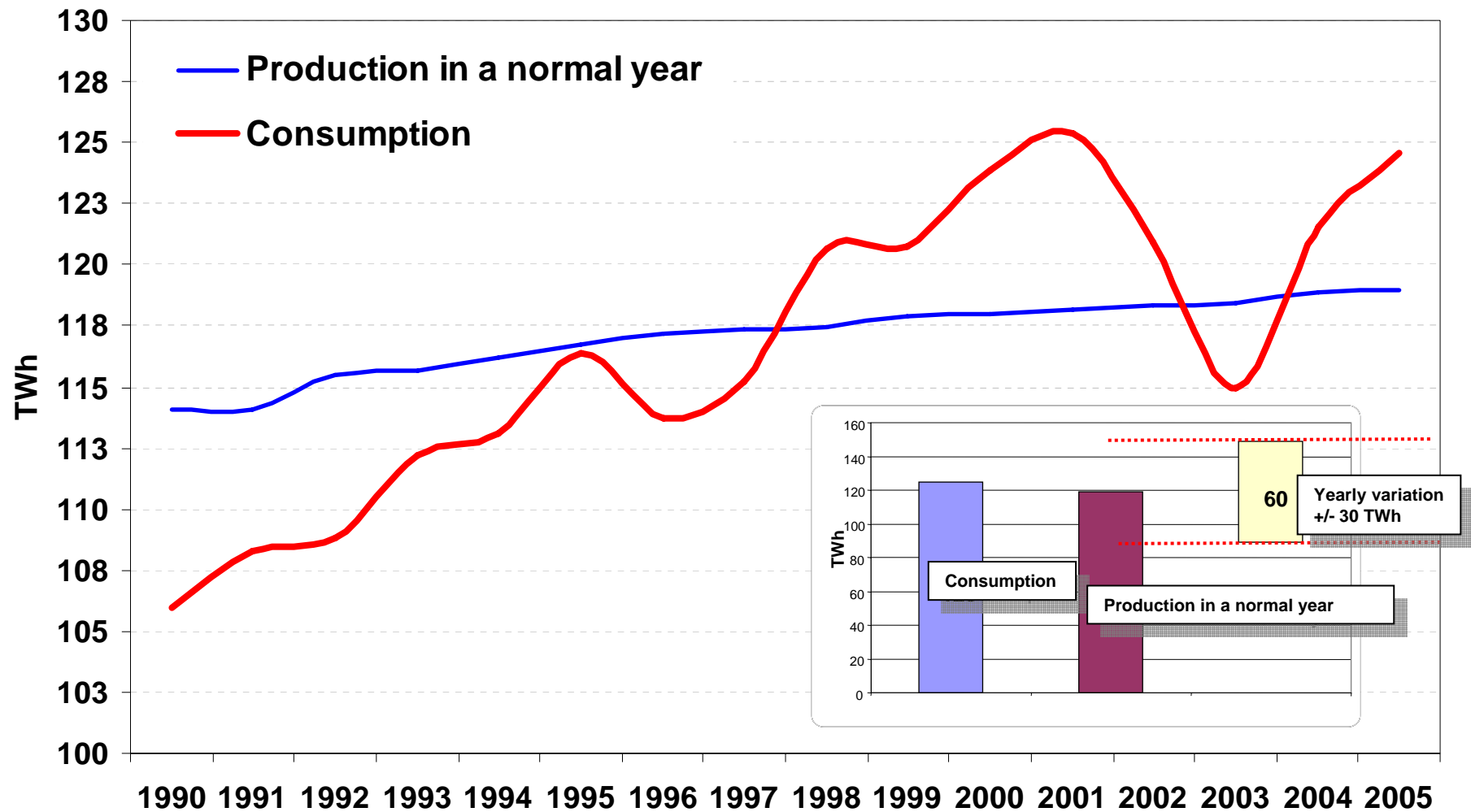
Focus on further and deepened integration and harmonisation

Close Co-operation between TSOs, Regulators and Governments



# Focus on Security of Supply

## - The need for more production capacity



# Gas fired power plants

Licenses corresponding to a yearly production of 16 TWh are given

Notification for two new gas fired power plants received



# CO2-capture at Kårstø

Construction of Naturkrafts gas fired power plant at Kårstø has started

The aim is to establish a CO2-capture facility at Kårstø by the end of 2009





# Ambitious goals to realize CCS...

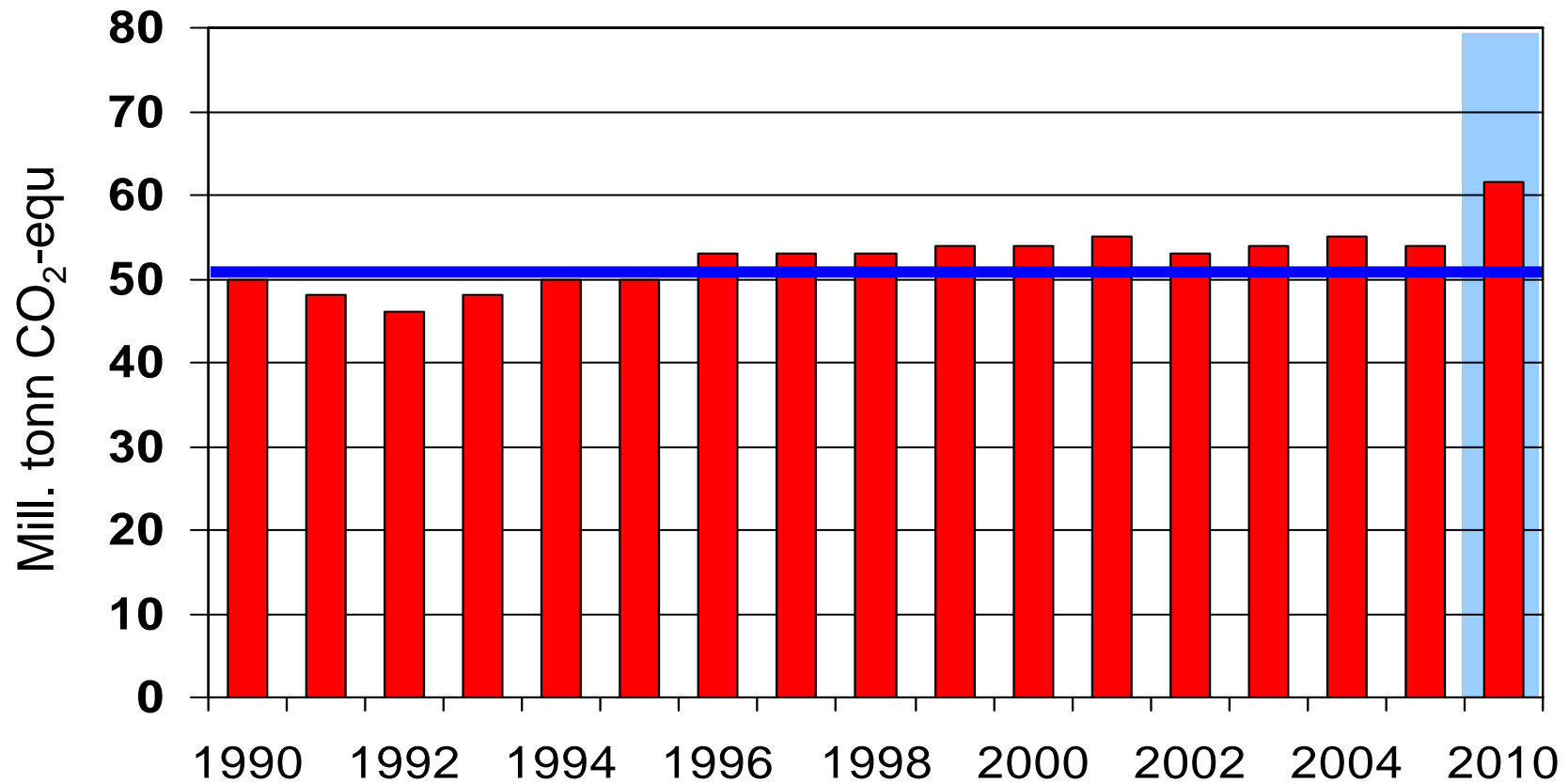
The aims are to:

- Cooperate with industry on realizing capture of CO<sub>2</sub> at gas fired power plants as soon as possible
- Realize a CO<sub>2</sub> capture-facility at the Kårstø gas fired power plant within 2009
- Establish a value chain for transportation and injection of CO<sub>2</sub>
- The government will contribute financially

## ...and the work has started

1. Process led by Gassco is initiated between the commercial actors to verify costs in all parts of the CO<sub>2</sub>-chain
2. The conduction of further planning of capture of CO<sub>2</sub> at the Kårstø gas fired power plant
3. Assessments of economic and legal issues, including state aid regulations

# The Kyoto challenge



Source: SSB, FIN

# Drivers for promoting energy efficiency and renewable energy

Diversify the energy sector  
(energy security)

Create a market for new  
energy solutions  
(competitiveness)

Focus both on the supply,  
transport and demand side  
(integrated approach)



# Important principles for Enova

The projects with highest energy yield will be given priority

New production is evaluated equal to reduced consumption

The Government is currently working with increasing the funds and establishing new ambitious goals



**Welcome to OSLO**

**and**

**the Eurelectric  
Annual Convention and Conference**