



OLJE- OG ENERGIDEPARTEMENTET

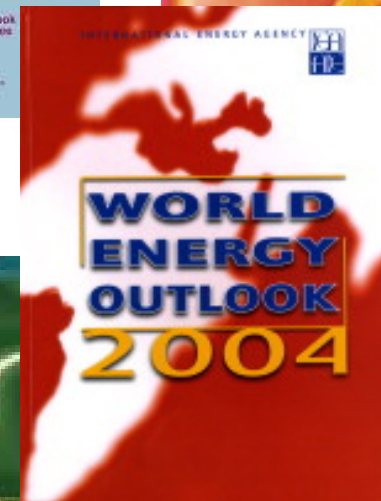
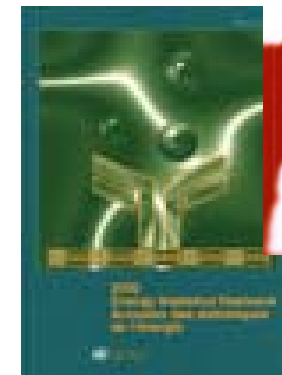
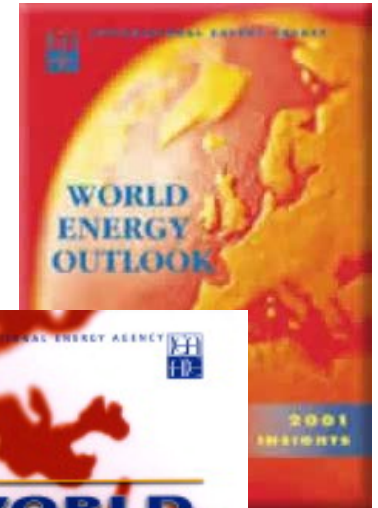
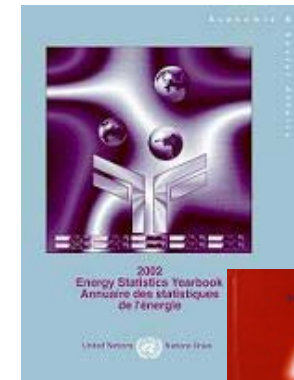
The need for energy statistics and energy analysis for policy purposes

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The Oslo group on energy statistics
Oslo 06.02.2006

The importance of energy statistics

- Energy is important in all activities
- Reliable energy statistics is essential in making sound policy decisions both on the national and international level
- Basic energy data is the cornerstone of calculations of emissions of greenhouse gases and air pollutants



Oil and gas

- Norway is the third largest exporter of crude oil in the world
- 14 % of all the gas consumed in Europe today is produced on the Norwegian Continental Shelf
- Norway holds approximately 50% of the remaining oil and gas resources in Western Europe
- We have so far only produced approximately 29 % of the total resources on the Norwegian Continental Shelf



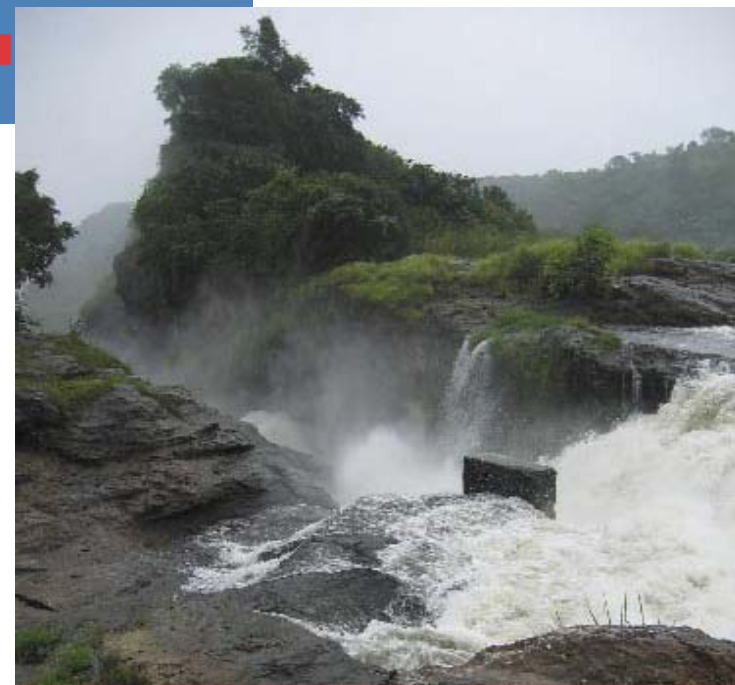
Electricity

- Norway is the sixth largest hydro power producer in the world and has the world's largest per capita hydro power production.
- Norway is Europe's leading producer of electricity based on renewable energy sources, with an annual production of about 119 Terawatt hours
- Norway has a large unutilized renewable energy potential from various sources



Importance of hydrological data

- Large variations in hydropower production calls for detailed hydrological data as well as detailed and reliable demand side statistics
- The Norwegian Energy and Water Resources Directorate takes part in R&D and international cooperative efforts in relevant fields, and is the national competent authority on hydrology



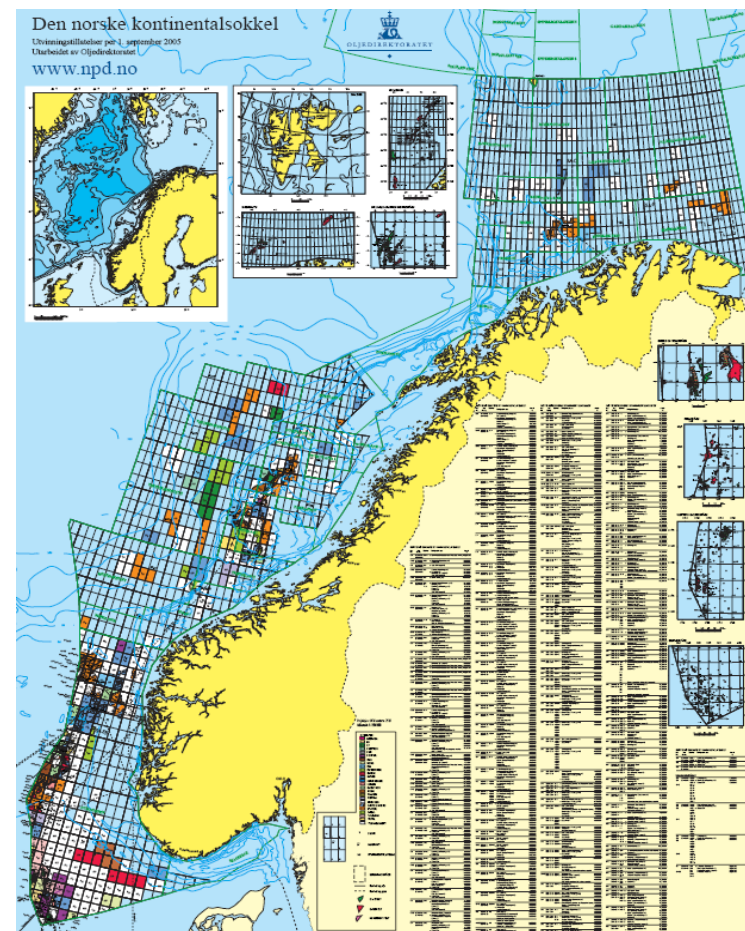
Energy efficiency and new renewable energy

- Enova advises the Ministry in questions relating to energy efficiency and new renewable energy
- A pro-active agency that has the capacity to stimulate energy efficiency by motivating cost-effective and environmentally sound investment decisions
- Detailed statistics of the whole energy system is playing a significant role in their work



Oil statistics

- The Norwegian economy is influenced by what happens in the international oil markets
- Shortcomings in national and global oil statistics may have contributed to market volatility and have created challenges for economic policymaking in many countries
- The Norwegian Petroleum Directorate does an important job by publishing data for the Norwegian Continental shelf



Summing up

- Any policy presented must be backed by relevant data and analyses
- It is essential that policy makers have access to detailed and reliable statistics on the different part of the production and consumption chain, both for the single energy bearers as oil and electricity, as well as information from statistical systems giving a complete picture of energy production and energy use in the different sectors of the economy
- It is also important that the data presented is harmonized across the world for easy comparison of the main statistical variables



Thank you for your attention!