

Final energy consumption

Experiences in Finland

United Nations
Economic Commission for Europe
Committee on Environmental Policy
Working Group on Environmental Monitoring and Assessment
Joint Intersectoral Task Force on Environmental Indicators
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Outline of presentation

- How are the indicators produced?
- How are they used?
- Comments and conclusions

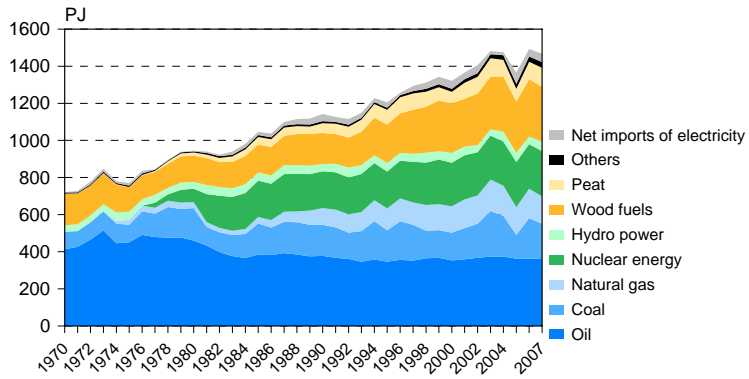
Production of information

- Statistics Finland (SF) is responsible for energy statistics in Finland
- Compilation of statistics is based on close co-operation between branch organisations of energy sector, several public institutions and SF
- SF itself runs annually two surveys
- Written agreement between SF and the Ministry of Employment and Economy on the division of responsibilities in international reporting and development of statistics was signed 2006 and will be updated soon

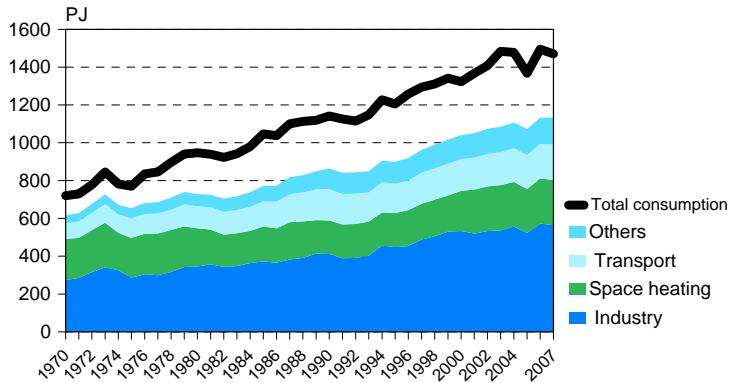
Dissemination of information

- The web-pages of SF contain annual, quarterly and monthly energy statistics
- Energy Statistics Yearbook and Energy in Finland Pocketbook are published annually
- Energy Review of the Ministry of Employment and Economy contain a statistical annex 4 times per year
- State of the Environment Report by SYKE includes energy indicators
- The Finnish key sustainable development indicators include:
 - Total energy consumption
 - Use of renewable energy sources and
 - Energy and natural resource consumption in relation to economic growth

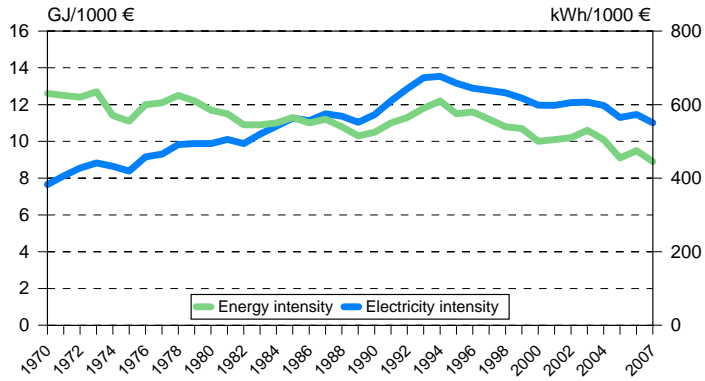
Total energy consumption 1970–2007



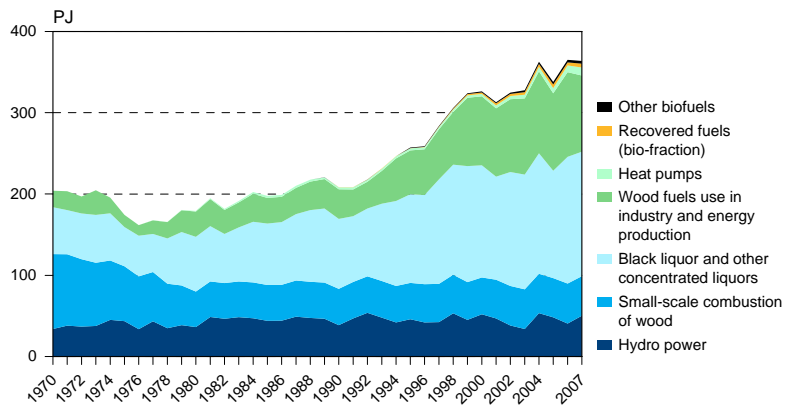
Total energy consumption and final energy consumption by sector 1970–2007



Energy and electricity intensity 1970–2007



Renewable energy sources 1970–2007



Comments and Conclusions

- Information is used widely in environmental policy
- Statistics on final energy consumption is much less developed than the statistics on production of energy
- The new EU energy statistics regulation includes new demands for statistics on final energy consumption of households and services
- New types of renewable energy will be a challenge