

Seminar Organised by INFORSE & EUFORES & EREF



Brussels, November 9-10, 2004

Presentation by Tilman Schwencke advisor to M. Rothe, MEP

The Directive Proposal on Energy End-Use Efficiency and Energy Services

Presentation by
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Seminar on New and Upcoming EU Policies for Sustainable Energy and Climate Protection
Organised by INFORSE - EUFORES - EREF
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The potential of energy efficiency by 2010

- Reduction of total final energy consumption in the EU by 20 to 30 %
- 17 % of final consumption for industry
- 22 % of final consumption for households and services
- 14 % of final energy consumption for transport

(European Commission)

Challenges

- Climate change
- Finite fossil energy sources
- Dependence on energy imports
- Growing energy demand
- Energy Security of supply

Renewable energy and energy efficiency

- Renewables targets
12 % by 2010 (White Paper)
20 % by 2020 (European Parliament)
- Only feasible with energy efficiency and energy savings

European measures to improve energy efficiency

- Directives on labelling
- Measures for minimum efficiency requirements for boilers, fridges, etc
- CHP Directive
- Directive on the energy performance of buildings
- Directive – proposal – on „eco-design“
- Directive – proposal – on energy end-use efficiency and energy services

The Directive on energy end-use efficiency and energy services

- December 2003
- Debates and expert hearing in ITRE
- Working document of Mechthild Rothe
- Draft report in January
- Vote in ITRE in March
- Vote in Plenary in April
- Common position in Council in June (?)

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Key elements of the directive

- Targets for energy savings
- Market penetration of energy services

Substantial element

- Target for an annual energy saving
1 % general saving
1,5 % for the public sector
- Maybe a long term target?
4% by 2010
10 % by 2015
plus regular reports

Targets

- Mandatory targets (Council negative)
- Provide planning and investment certainty
- Voluntary agreements could not achieve the necessary savings
- Obligation for serious actions
- Not binding targets leads to national governments disposal

How to foster energy services and energy measures ?

- Distributors and/or retailer offer and actively promote energy services as an integral part of the distribution and / or sale
- Energy audits for free (5% of customers)
- Offering of energy services to all customers (member states duty)
- Fonds (?)
Good examples in D, UK, It, Nor
- Financing (levy on tariffs ?)
Contribution by all sectors ?

Examples

- Energy efficiency programmes and other measures:
Heating and cooling (new boilers),
Lighting, eco-driving courses, Energy audits,
Buildings (20% potential of savings), etc.
- Horizontal measures:
Taxes, standards and norms, campaigns

Measurements

- Bottom up or top down
- Early actions (earlier energy savings efforts) from 1991 (with a current impact)
- New approach?

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Individual meters for electricity and heating

- Reflecting of actual consumption
- Comparisons with consumption in previous year
- Individual efforts to save energy
- Incentive to invest in energy efficiency measures

Reporting

- Information on the measures taken or planned
- Success on meeting the targets
- “cheat – potential” (?)

Thank you for your attention!