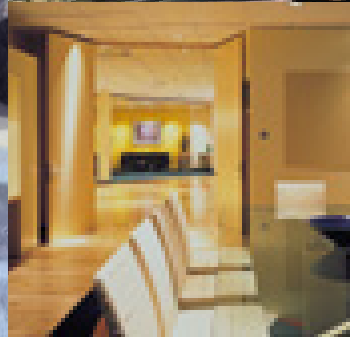
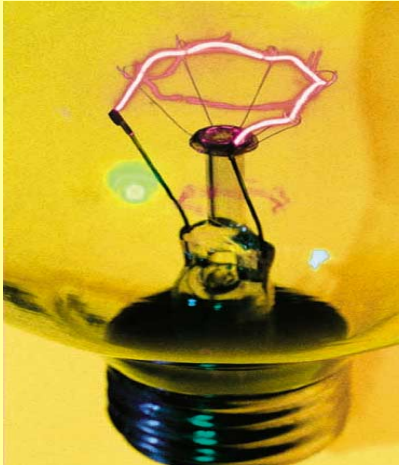




European Commission



Energy efficiency in the EU – the policy framework

Brussels, 30 June 2006
Studiedag Energiecertificatie

Katrien Prins or Martin Elsberger
European Commission

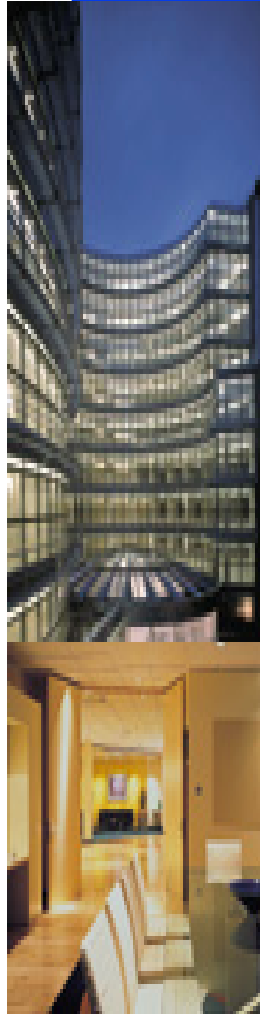




Policy push for energy efficiency (1)

Existing EU legislative instruments:

- **Energy Performance of Buildings Directive (2002/91/EC)**
- **Directive on promotion of cogeneration (2004/8/EC)**
- **Various labelling Directives (1992 – 2003)**
- **Eco-design Directive (2005/32/EC)**
- **Energy end-use efficiency and energy services Directive (2006/32/EC)**





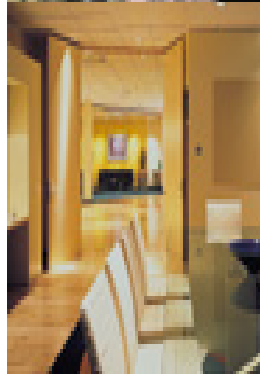
Policy push for energy efficiency (2)

History:

- 2000 Green Paper on security of energy supply
- 2001-'06 Several ensuing Directives
- June '05 Green Paper on Energy Efficiency
- July '05 G8 summit gives new priority to energy
- Oct. '05 Summit calls for common energy policy
- Dec. '05 Summit calls for "integrated approach" to energy
- March '06 Commission Green Paper + Summit conclusions

Objectives:

- to avoid increasing dependency on import of energy sources
- security and competitiveness of energy supply
- sustainability of energy supply and energy use



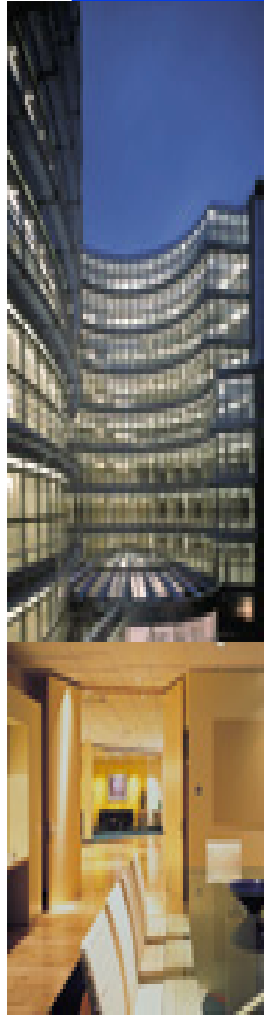


GP '05: Where to start with promotion of energy efficiency

Initiatives are necessary at all levels:

- **European**
- **national**
- **regional and local**
- **industry**
- **consumers (citizens)**
- **International**

Leading to EU Action Plan with concrete steps

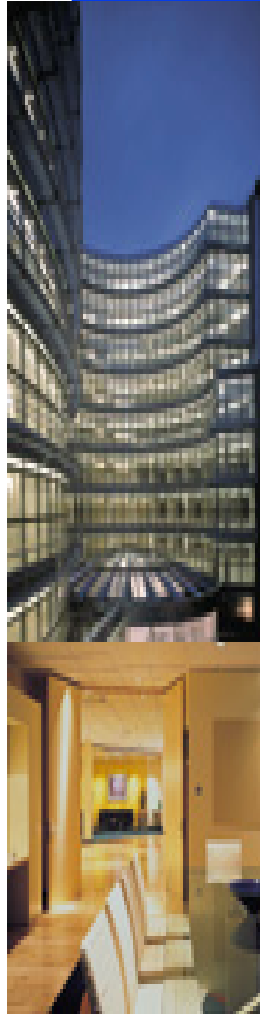




GP '05: EU level possible actions (1)

Broad policy options:

- **Streamlining EE in EU policy fields**
- **Research and Development**
EU is in the lead
Need to strengthen efforts
- **Benchmarking National Action Plans**
Commission can act as a catalyst
Exchange of best practices – upward

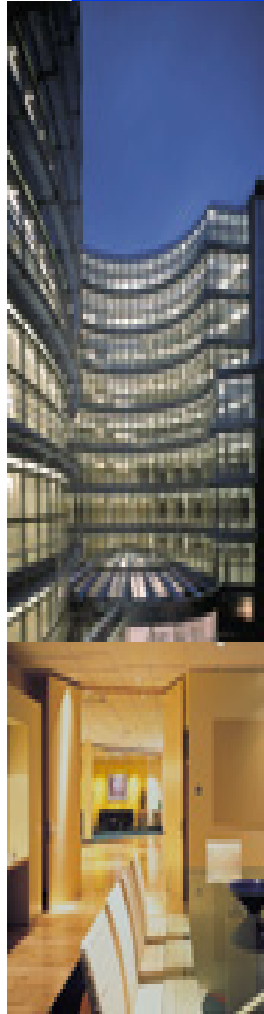




GP '05:EU level possible actions (2)

Financing options:

- Better use of taxation
- Better targeted state aid
- Public procurement
- European co-financing (Structural Funds)
- Targeted support measures (f.i.: SME's, consumer discounts in shops)
- Coordination of policies with IFI's (EIB,EBRD, World Bank)

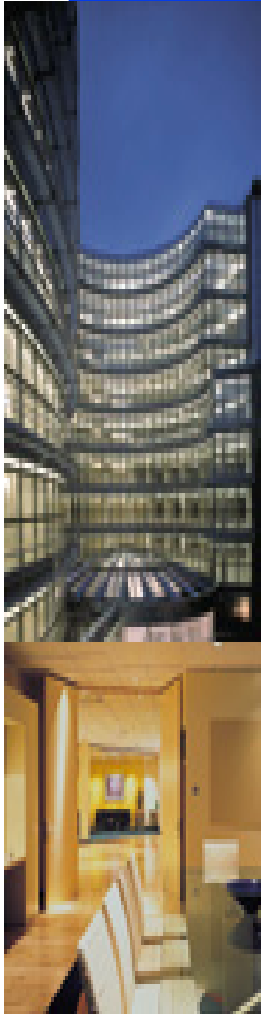




GP '05: EU level possible actions (3)

Specific options:

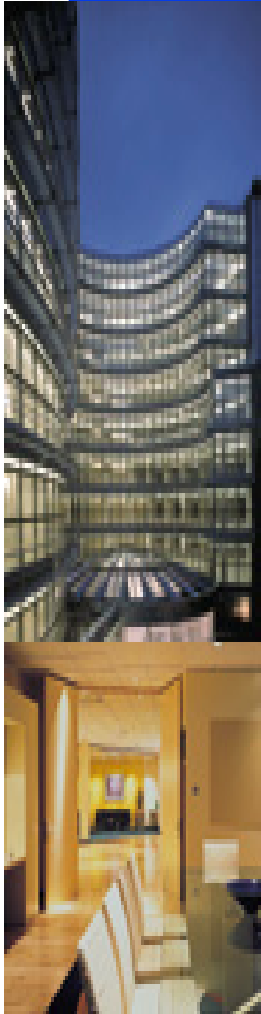
- Further action on Buildings
- Domestic appliances (Minimum efficiency, labelling, dynamic efficiency standards)
- Increasing fuel efficiency of vehicles
- Foster market transparency
- Information to consumers/installers etc. to promote rational energy use





Public consultation on GP '05

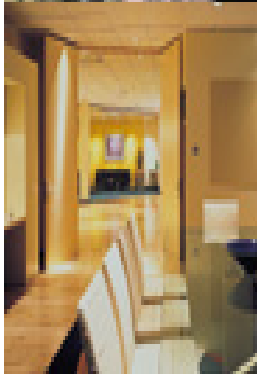
- Commission staff working paper on results to be presented at June Energy Council
- Flavour of main findings (250 respondents, some 5000 answers) – singled out for action
 - Awareness raising – lack of information
 - Improve impact of implementation EU legislation
 - Better financing mechanisms
 - Energy transformation, transport and action at international level





Action Plan and Impact Assessment process

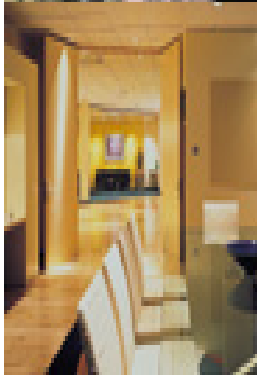
- Action Plan to be adopted around September – spanning 6 years (2007 – 2013)
- Action Plan will build on findings from public consultation, Amsterdam Forum, other stakeholder consultations and results impact assessment
- Impact assessment process – inter-service group
- Commission to produce impact assessment report (together with Action Plan)
- Supporting data from consultant's work on cost effectiveness and broader societal benefits of considered actions





Green Paper March '06

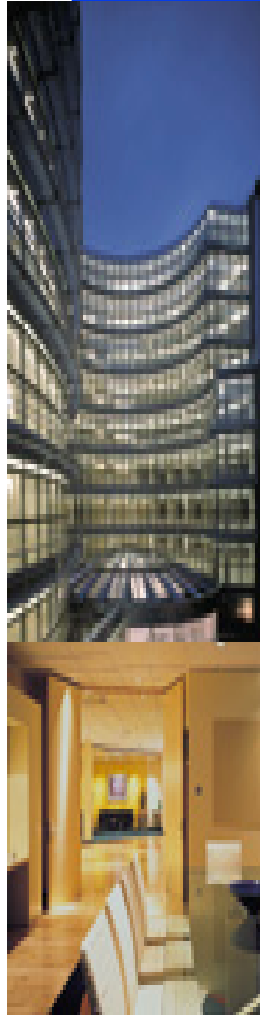
- **Research and innovation on: energy efficiency, alternative fuels, clean coal, carbon sequestration, nuclear energy, ...**
- **Integration of EU energy markets, competition on the energy market, unbundling, diversification of the energy mix**
- **International solidarity between Member States, European stock management (oil, gas), increasing refining capacity, protection against terrorism**





Green Paper March '06

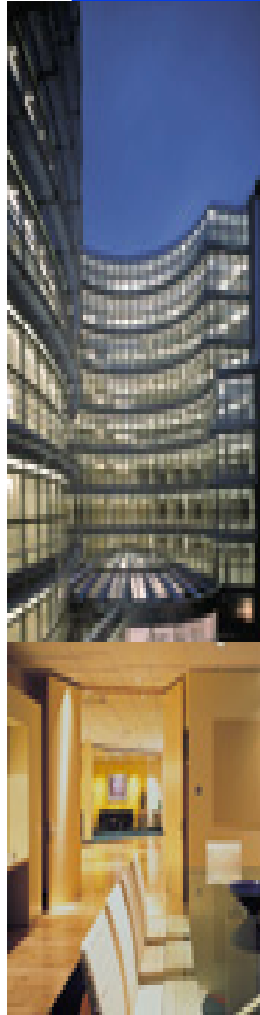
- Integrated approach to tackling climate change:
energy efficiency, renewable & low carbon energy sources
- European Commission/ Green Paper on Energy: prioritise energy efficiency with goal of overall saving 20 % of energy by 2020 via **concrete measures**
- Impact of action on energy use in buildings:
 - 40% of energy is used in the residential/tertiary sectors
 - energy savings potential in the building sector: 22% by 2010
 - improving energy efficiency of buildings is No. 2 on the "indicative list of actions" of the Energy Policy for Europe (EPE) of the European Council





GP '06: Measures proposed for sustainable energy future

- Bringing forward a **Renewable Energy Road Map**
- New Community **Directive on heating and cooling** complementing the Community renewables framework
- Electricity consumption more or less flat over next 20 years
- Supporting **energy efficiency** improvement in buildings and transport – raising awareness
- Supporting **financial instruments and mechanisms** to stimulate investment on energy efficiency improvement of buildings
- European Union Structural Funds: (new) Member States called to use "**National Strategic Reference Framework 2007-2013**" for, f.i., energy efficient refurbishment of buildings





Further EU work and contacts

Stay informed through the following website:

http://ec.europa.eu/energy/demand/index_en.htm

