

Recent policy developments on energy efficiency in buildings

Directorate-General
for Energy



Michaela Holl, the European Commission, DG Energy

REHVA Seminar 27 October 2011, Brussels

AGENDA

- The proposal for a new **Energy Efficiency Directive**
- Upcoming: **DG ENER's Roadmap 2050**
- Recent developments on the **EPBD**
- Other issues: **Funding** for EE in buildings

● The new Energy Efficiency Directive

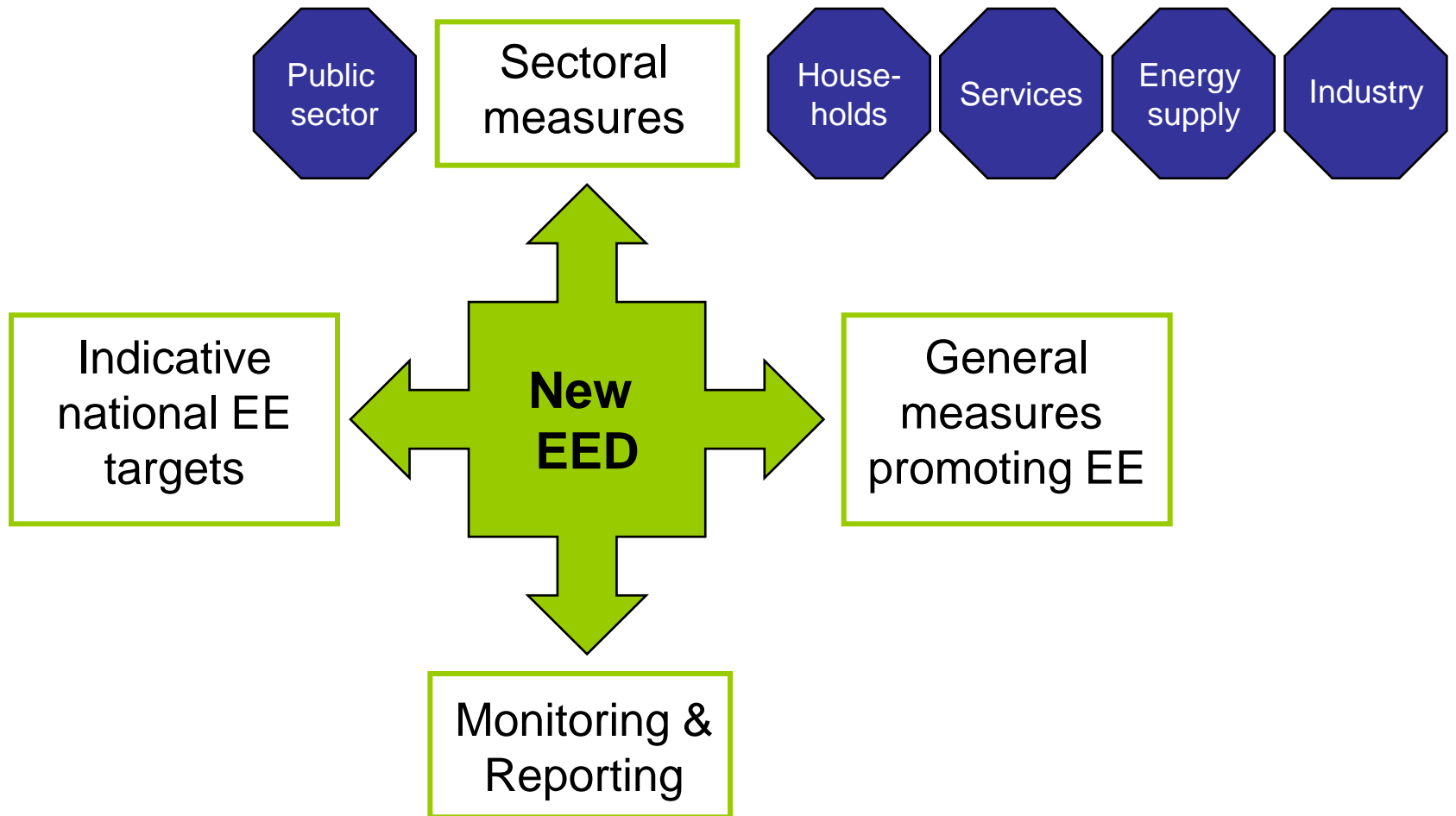
- Adopted on 22 June 2011 (COM 2011 (370) final)
- Will replace ESD and CHP Directives
- Currently in Council and EP, agreement envisaged for DK Presidency
- No separate chapter on buildings...yet !

● New Energy Efficiency Directive

Policy concepts in the new EED:

- **Energy efficiency obligation:** MS make sure that an equivalent of 1.5 % of annually energy sales are saved through energy efficiency measures
- **Public sector:** lead by example: annual renovation works covering at least 3% of total floor area of their **buildings**
- **Consumers:** individual metering for better energy management
- **Industry:** obligations for larger companies to undergo energy audits, incentives for small and medium sized companies
- **Energy generation:** monitoring of new energy generation capacities
- **Energy transmission and distribution:** national energy regulators should decide taking energy efficiency criteria into account

A NEW IMPETUS IS NEEDED: COMMISSION PUTS FORWARD A NEW ENERGY EFFICIENCY DIRECTIVE



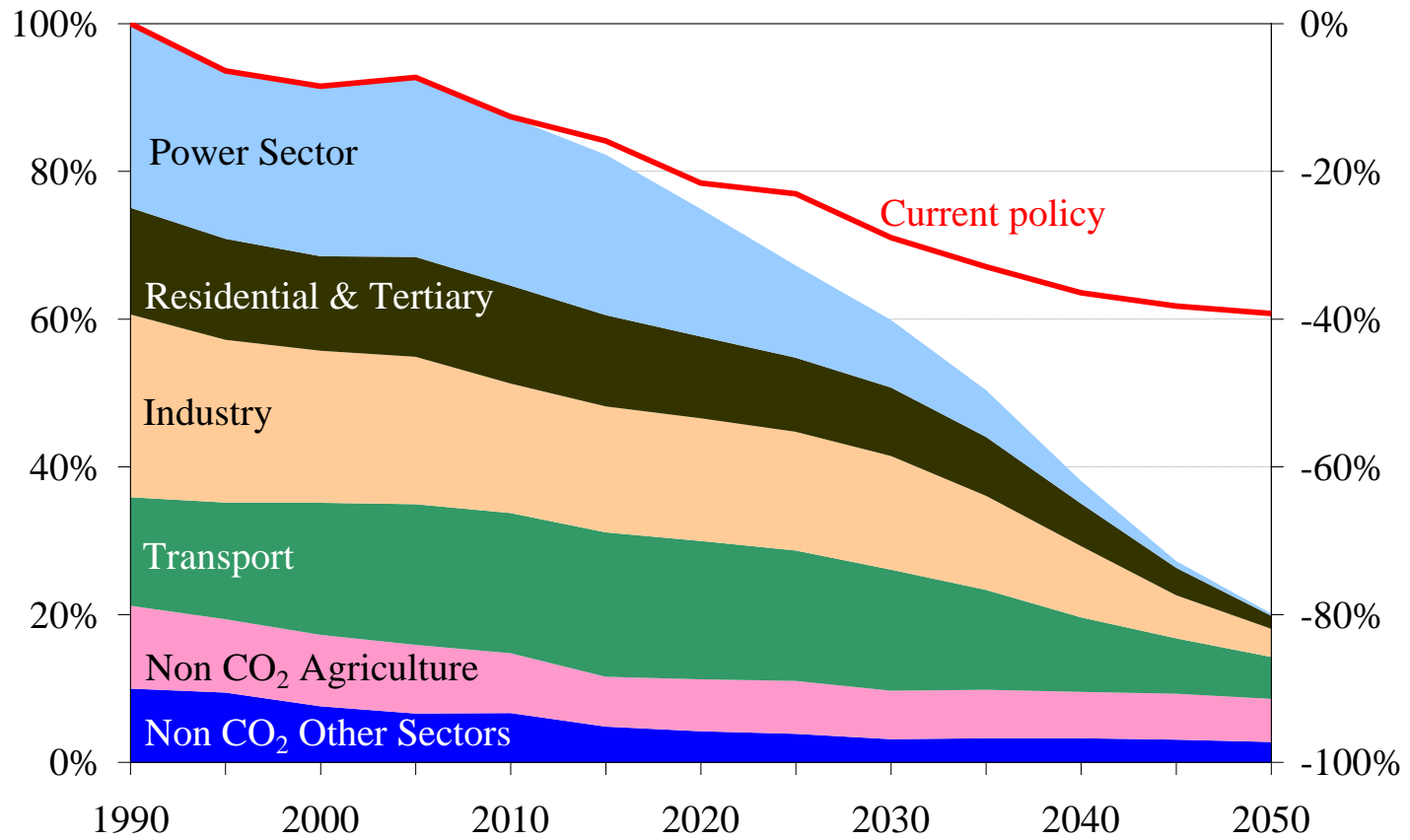
● The new Directive and buildings

*In going **beyond** the requirements of the EPBD recast it underlines:*

- Need for more stringent EE criteria in **public spending** in buildings
- Suggests **3 % (of floor area) annual refurbishment target** for **public bodies buildings** = doubling of current rate in EU!
- Announces new legislative initiative on **energy performance contracting** (including contracting in buildings sector)
- Highlights need for **training of the workforce**

● The upcoming Energy Roadmap 2050

- Energy-specific follow up to the Commission low carbon roadmap of 8 March 2011 (2011 (112) final)
- Crucial role of building sector: Emissions here could be reduced by 90 % by 2050
- Objective: explore options for decarbonising the EU's energy system (= 85 percent reductions compared to 1990 levels).
- No preference for certain technology scenarios, but energy efficiency, RES, more cross border interconnections, more "intelligent" electricity grids as "no regrets policy"
- Issues raised included electrification of heating and transport, expected rise in energy prices etc
- Launch, not end of a discussion at EU level!
- Expected adoption: 13 December 2011



● Recent developments on the EPBD

- Currently: **Ongoing transposition** of recast Directive (deadline July 2012), 2002/91/EC to be repealed by Feb 2012
- 30 June 2012: Deadline for MS to report on financial and other supporting measures to Commission (same time as NEEAPs)
- Regulation on the **cost optimal framework methodology**
- CEN received mandate for revision of 31 CEN standards
- Ongoing: development of a **voluntary EU-wide certification scheme for non-residential buildings**

● Voluntary EU certification scheme

- Based on article 11 (9) of the recast EPBD
- Focussed on non-residential buildings
- Adoption planned for mid 2012
- Current thinking: 'Best in class' label (different to mandatory EPC), comparison of the building in question with a high efficient building, e.g. nZEB or netZEB
- Current thinking: start with national calculation methods, in a second stage develop a common EU calculation method based on CEN
- Indicator for the energy performance: primary energy use
- Also being prepared: voluntary Eco-label for office buildings by DG ENV (broader than only energy, planned also for 2012)

● Other issues: Financing for EE in buildings

- In July 2021: Commission and EIB launched a new financing facility for EE/RES: EEE-F
- Uses left over money from EU economic stimulus programme, initial fund volume 265 million Euro
- Grants for technical assistance and various types of loans and guarantees for EU public authorities
- More info:http://ec.europa.eu/energy/eepr/eeef/eeef_en.htm
- In addition: Announcement of Commission intention to ring-fence 17 billion Euros or 20 % of Structural Funds for 2014-2021

Thanks for your attention ...
so far.