

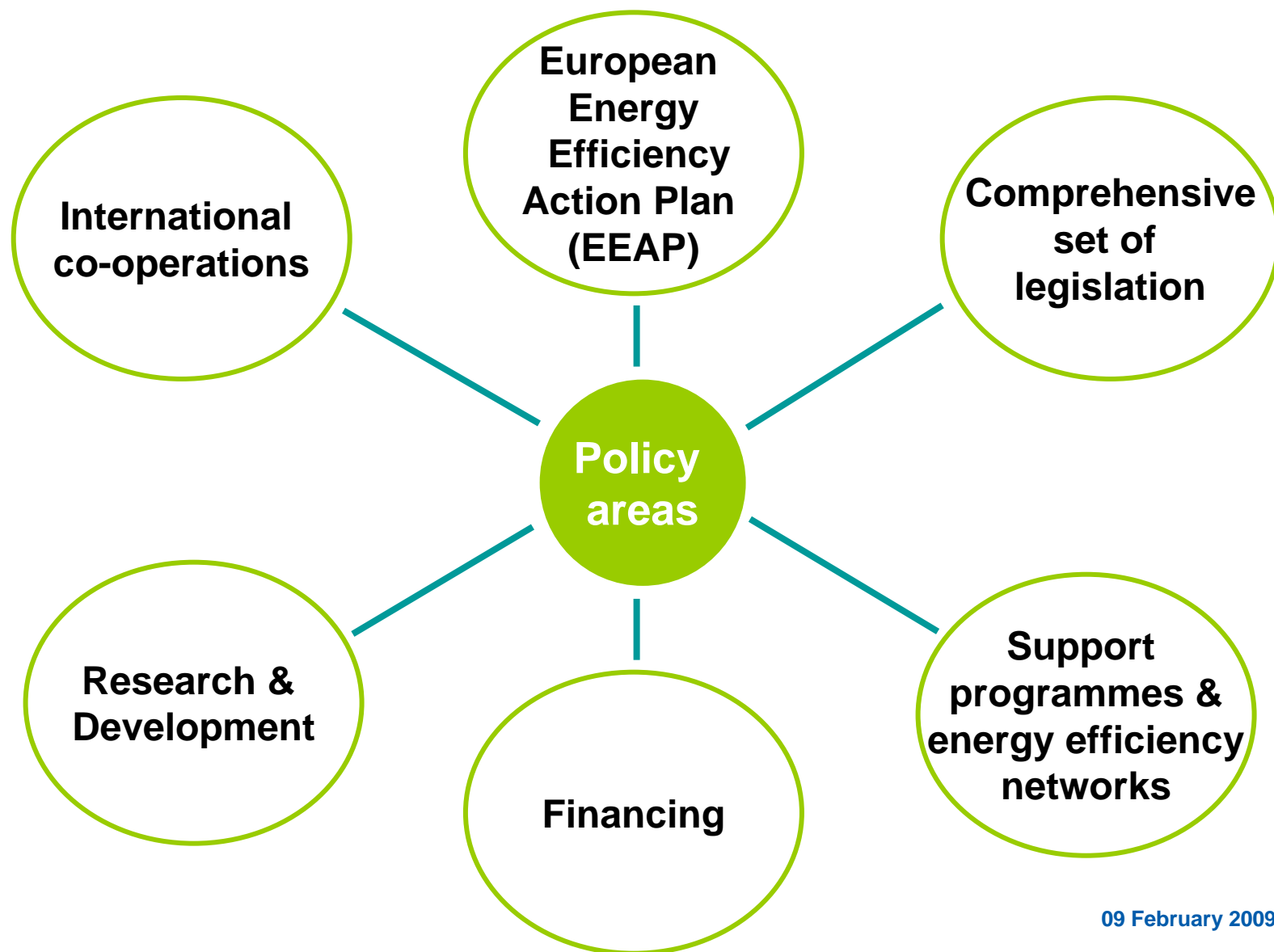


EU energy saving policy on buildings

Green housing and Green jobs 9 February 2009

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DG TREN D4

● Main policy areas to achieve energy savings



● European Energy Efficiency Action Plan

OBJECTIVE

Mobilisation of the

- general public
- policy-makers
- market actors

to achieve the

**20% primary
energy savings
objective**

ACTION PLAN

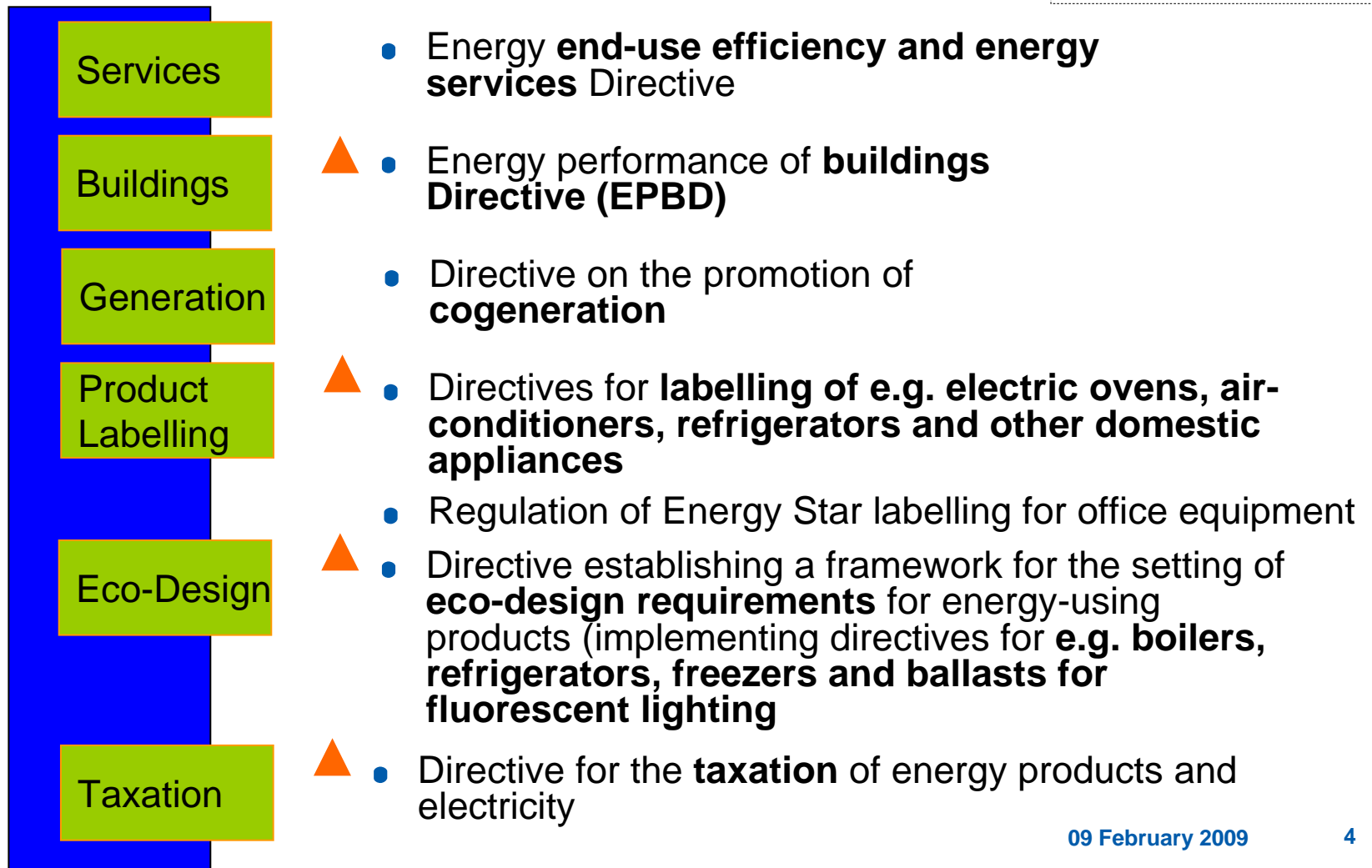
2007 - 2012: Implementation period
85 measures

6 priority areas:

- Dynamic energy performance requirements for energy-using products, buildings and energy services
- Improving energy transformation
- Moving on transport
- Financing energy efficiency, economic incentives and energy pricing
- Changing energy behaviour
- International partnerships

● Comprehensive set of legislation to enhance energy efficiency

▲ Revision in 2008

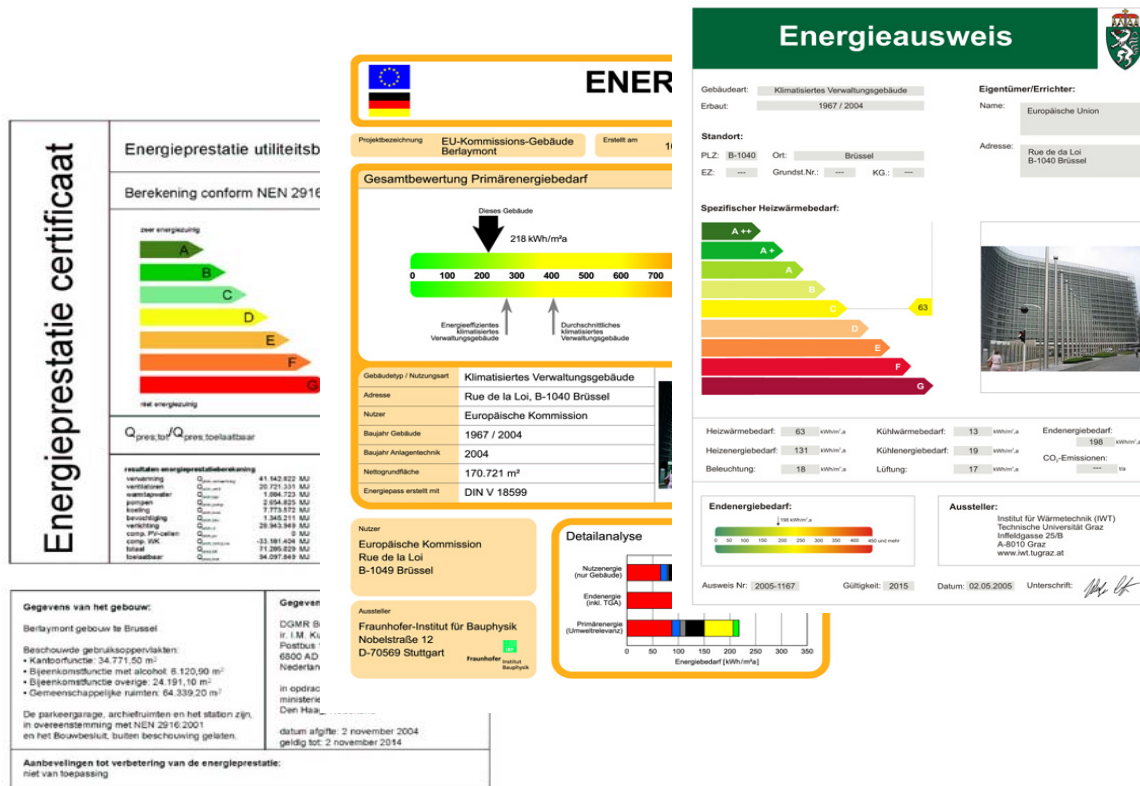


● Buildings legislation

- Directive on energy performance of buildings requests Member States to fix minimum standards, certification and rating, regular inspections of heating and AC systems
- Today Member States have transposed most of the legislation
- Practical implementation needs to continue

Energy Performance Certificate

Example for Member States' room for maneuver:



● New EU legislation

- Recast aims at increasing energy saving but also at clarification
- It introduces a broader scope, a way to cost-optimal requirements, a new, stronger role for certificates, higher quality inspections, a roadmap for low/zero energy/carbon houses, more obligations to public sector
- The discussions are underway both in EP and Council

● Ecodesign and Labelling: current status

- 25 products under preparation
- Implementing Measures that were/will be voted by the regulatory committee before 2Q 2009:

Measure	Commission adoption	Estimated savings (annual by 2020)
Standby (Ecodesign)	Dec 2008	35 TWh
Simple set-top boxes (Ecodesign)	Jan 2009	6 TWh
Street & Office lighting (Ecodesign)	Feb 2009	38 TWh
External power supplies (Ecodesign)	Feb 2009	9 TWh
Domestic Lighting (Ecodesign)	Mar 2009	37 TWh
Televisions (Ecodesign & Labelling)	Jul 2009	43 TWh
Freezers/Refrigerators (Ecodesign & Labelling)	Jul 2009	6 TWh
Washing Machines (Ecodesign & Labelling)	Jul 2009	2 TWh
Dishwashers (Ecodesign & Labelling)	Jul 2009	2 TWh
Electric Motors (Ecodesign)	Jul 2009	140 TWh
Circulators (Ecodesign)	Jul 2009	27 TWh
Total		345 TWh

Total estimated savings (345 TWh) = about 10% of gross annual electricity generation in the EU

● Support measures and networks on energy efficiency

Networks	Covenant of Mayors	Sustainable Energy Europe Campaign	Manage Energy network
Measures & programmes	EACI project funding from Agency (IEE)	EMAS scheme	Projects in FP 7 incl. Civitas, Concerto
Legislative implementation support	Concerted actions	Buildings Platform	

● Financing energy efficiency

EU Structural & Cohesion funds

2007-13 about 6 billion € for RES & energy efficiency projects originally foreseen

New possibilities arriving

Collaboration with IFI's

EIB and EBRD

Recovery Action Plan

Call for urgent, coordinated measures, notably in buildings



● New policy developments

- Energy efficiency to the heart of EU energy policy basis (SERII)
- Economic Recovery Plan
- Launch of new actions to boost renovations targeting on effective administrative structures; local financing concepts; and “one-stop shop” renovation markets



● And the Future

- 2009-2010 – Reviewed Action Plan on energy saving
- Your contribution is welcome

