



EU's Energy Efficiency Policies

Sustainable Energy Policy Seminar
Organised by INFORSE-Europe & EREF
27 April 2010, Brussels



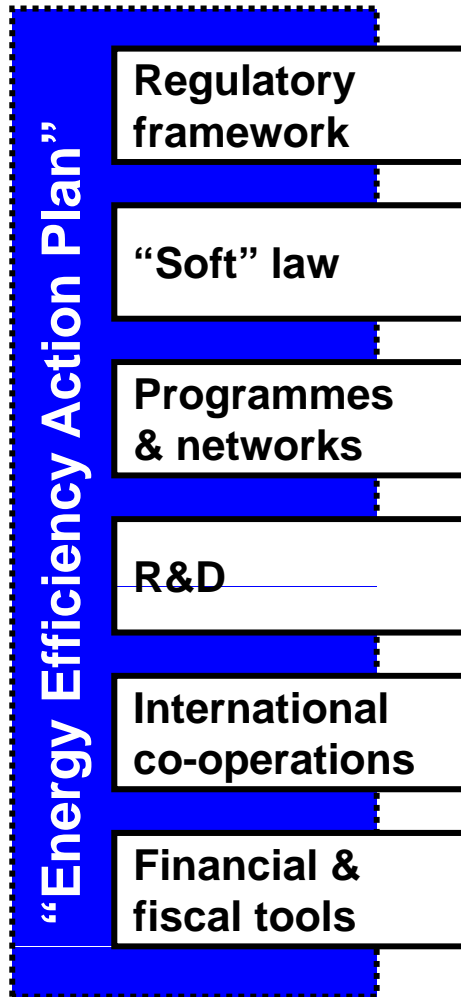
http://www.inforse.org/europe/seminar_2010_BXL.htm

DG ENER – Unit C4
Yvonne Finger

Directorate-General
for Energy



Already ambitious EU Energy Efficiency Policy Mix



- ESD, CHP, EPBD, Eco-design and labelling of products, etc.
- Voluntary agreements (e.g. GPP, EMAS, eco-design for some products), and standards
- IEE (e.g. concerted actions, specific EE projects), Covenant of Mayors, Sustainable Energy Europe Campaign, ManagEnergy Network, BUILD UP
- FP7 (e.g. Concerto), PPP within EERP
- IPEEC, bilateral MoU/dialogues
- Cohesion policy funds, ELENA, IFIs support, Reduced VAT rates, State Aid exemptions

The European Energy Efficiency Action Plan covers almost all policy areas

85 measures	6 priority areas	10 priority actions
	Sectors	
<ul style="list-style-type: none"> • Regulatory instruments • Economic & market-based instruments • Information & support programs, • Voluntary actions 	Household and services Products, Residential, commercial & public buildings	1. Appliance & equipment labelling & minimum energy performance standards 2. Building performance requirements and very low energy buildings
	Energy transformation	3. Making power generation and distribution more efficient
	Transport	4. Achieving fuel efficiency of cars
	Horizontal measures	
	Financing, economic incentives, energy pricing	5. Facilitating financing of energy efficiency investments for SME and Energy Services Companies 6. Spurring energy efficiency in the New Member States 7. Coherent use of taxation
	Energy behaviour	8. Raising energy efficiency awareness 9. Energy efficiency in cities
	International partnerships	10. Foster energy efficiency worldwide



For implementation between 2007 and 2012

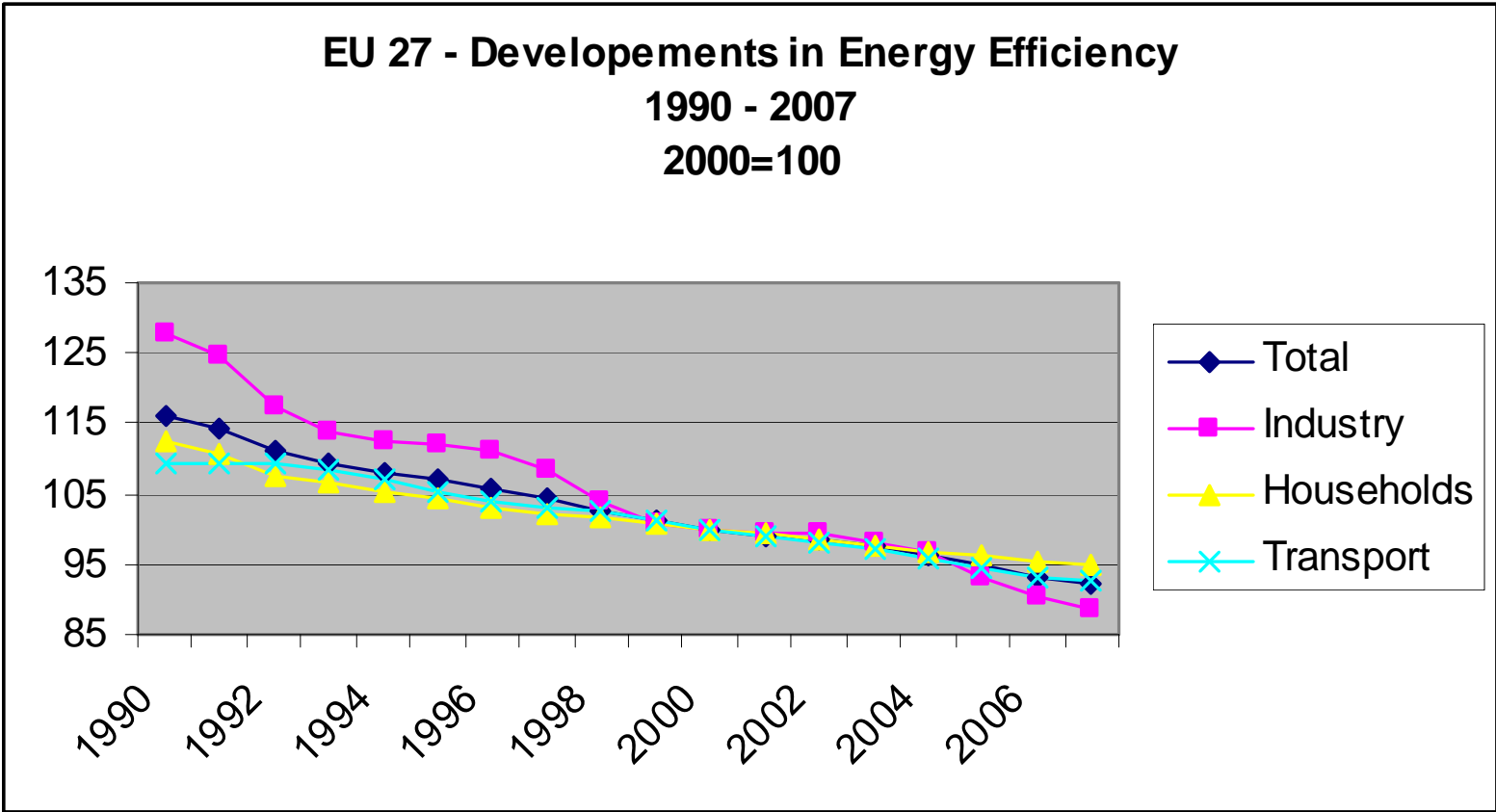


Midterm review foreseen for 2009

Important achievements for energy efficiency in 2009

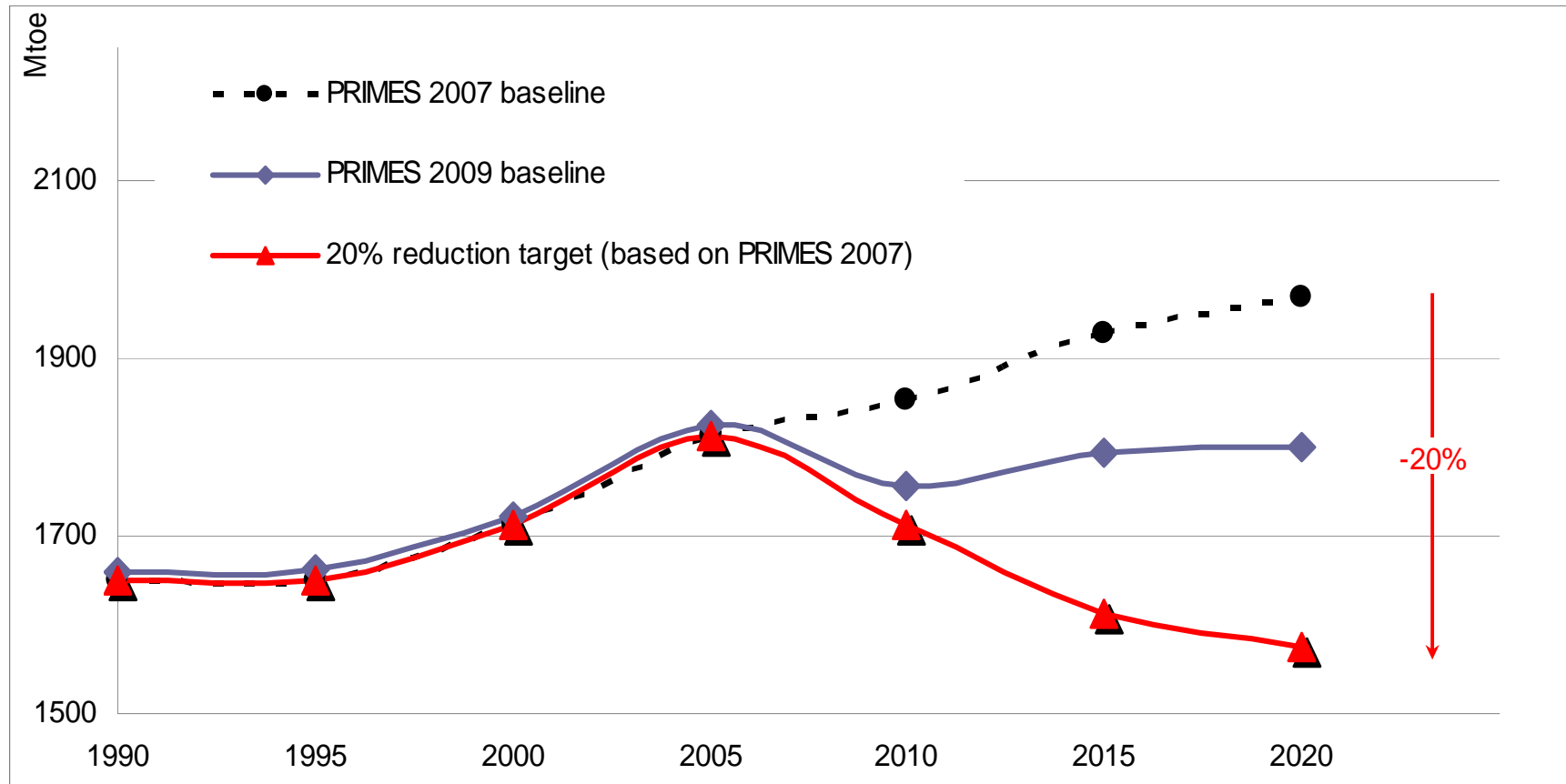
- 3 key legislative proposals:
 - » Revised Buildings' legislation agreed
 - » Revised Energy labelling legislation agreed
 - » New Labelling of tyres regulation adopted
- 8 new Eco-design implementing measures (e.g. TV, lamps, electric motors, household refrigerators)
- Implementation of existing legislation advancing, also because of active policy follow-up (e.g. infringements) and support, like Concerted Actions
- Extended eligibility in European Regional Development Funds
- Increased role of local authorities (1300 cities signed Covenant of Mayors)
- Creation of a new technical facility "ELENA" – European Local Energy Assistance

Energy efficiency improves but ...



Source: Odyssee Database

... consumption projections for 2020 at best stabilizing at today's consumption levels



Source: PRIMES

What are the next steps?

- **Target setting discussion with Member States**



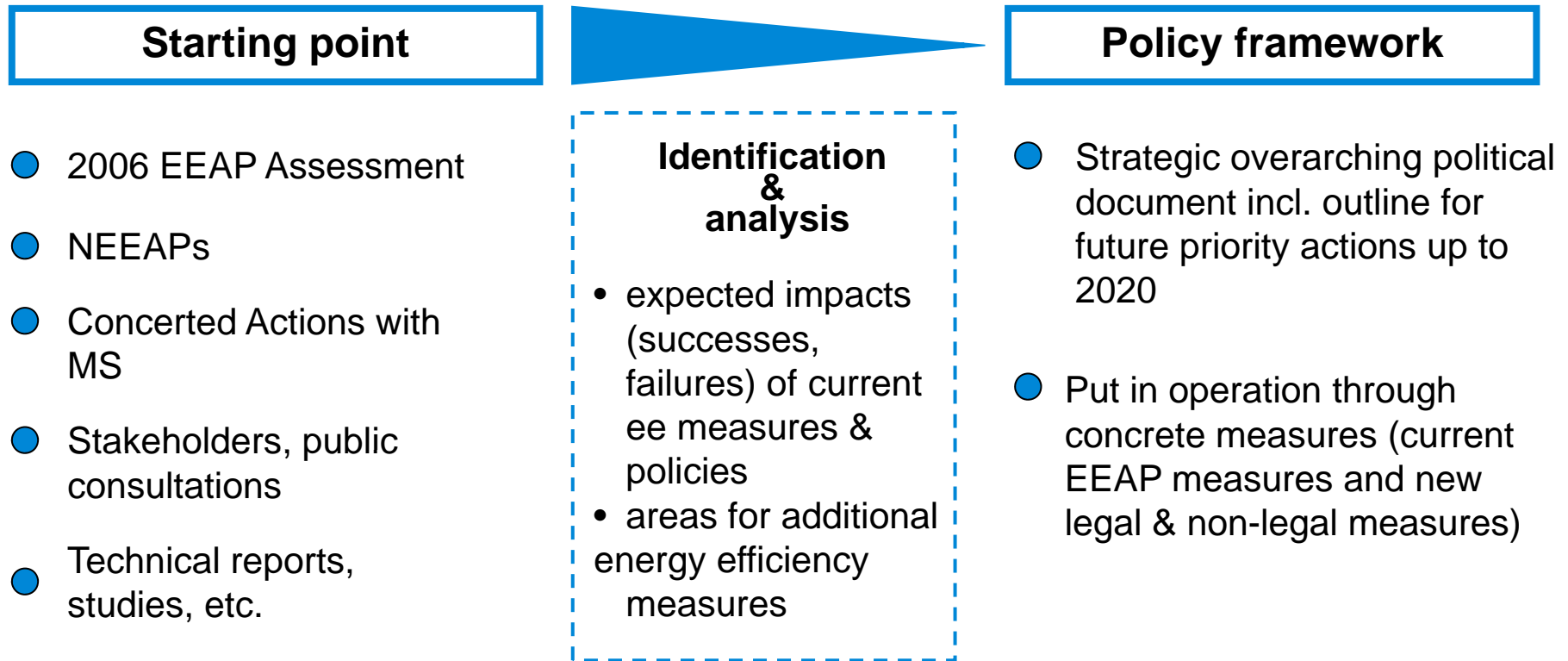
Outcome to be presented at June European Council

- **Presentation of a revised Action Plan/ European Strategy for Energy Efficiency**



Comprehensive Energy Efficiency package end of 2010/ early 2011

Energy Efficiency 2020: A strategy for Europe



Key aspects of the 2020 Energy Efficiency strategy for Europe

- Strong emphasis on the strategic importance of energy efficiency as a major component of EU Energy Policy
- Including measures primarily targeting energy efficiency improvements and actions to mainstream energy efficiency to other relevant policy sectors (e.g. transport, regional policies, GPP)
- Identification and allocation of responsibilities/ actions between Member States (national/ regional/ local) and EU-level
- Create synergies between the European Energy Efficiency Action Plan/ EE strategy and the National Energy Efficiency Action Plans (NEEAPs)
- **EU value-added - leading criteria**



Thank you for your attention.

Contact:

Yvonne Finger

DG ENER

Rue de Mot 24

1049 Brussels

Tel: 02 299 06 70

yvonne.finger@ec.europa.eu

BACKUP

Europe 2020: Headline targets

- European Council agreed on headline targets, which “constitute shared objectives guiding the action of the Member States and of the Union”: employment rate, R&D investment, education levels, social inclusion, **sustainability**.
- **Sustainability headline target:** Reaffirmation of 20-20-20
→ Politically endorsed target to save 20% primary energy in 2020 compared to projections
- Member States will set national targets to underpin headline targets

Example: how to monitor achievement of 20% EU primary energy saving in 2020? (1/2)

- **Fix baseline** (reference) scenario for whole period under consideration (2005 - 2020) to avoid variation in projected consumption level for 2020 and consequently changes to the primary energy saving objective (e.g. PRIMES 2007 baseline).
- Assume a **linear energy consumption reduction trend** until 2020 and compare with actual developments.
- A **comprehensive monitoring of EU's primary energy consumption requires a follow-up at national level**. To facilitate monitoring, trends in energy savings and in energy efficiency improvements closely observed in MS.