



EU Energy Policy State of Play

Directorate-General
for Energy



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Brussels

12/09/2011

● Why energy policy matters:

The EU pays 2.5% of its annual GDP to import energy:

- €270 bn for oil
- €40 bn for gas

We can do better:

- **A truly integrated EU energy market will lead to:**
 - 0.6% - 0.8% increase in GDP
 - Each consumer to save €100 a year by switching supplier/tariff
- **Achieving renewable and energy efficiency targets could create 5 million more jobs by 2020. Energy efficient use can help to cut consumers' annual bills by €1000 per household.**

● **Why we need to act now:**

Rising challenges:

- Dependence on imports of oil and gas is growing. The EU needs to save energy and find new energy alternatives and to produce more of its own energy.
- The EU committed to cut its greenhouse gas emissions to combat climate change. The energy system must become low-carbon.
- Massive investment is needed for the modernisation of energy infrastructure. Investments in the order of € 1 trillion are needed by 2020 to replace obsolete capacity.
- Energy prices are rising. Citizens and businesses are entitled to have access to affordable energy.

European Energy Policy

Objectives & Targets

Technology

Cohesion

External

Legislation

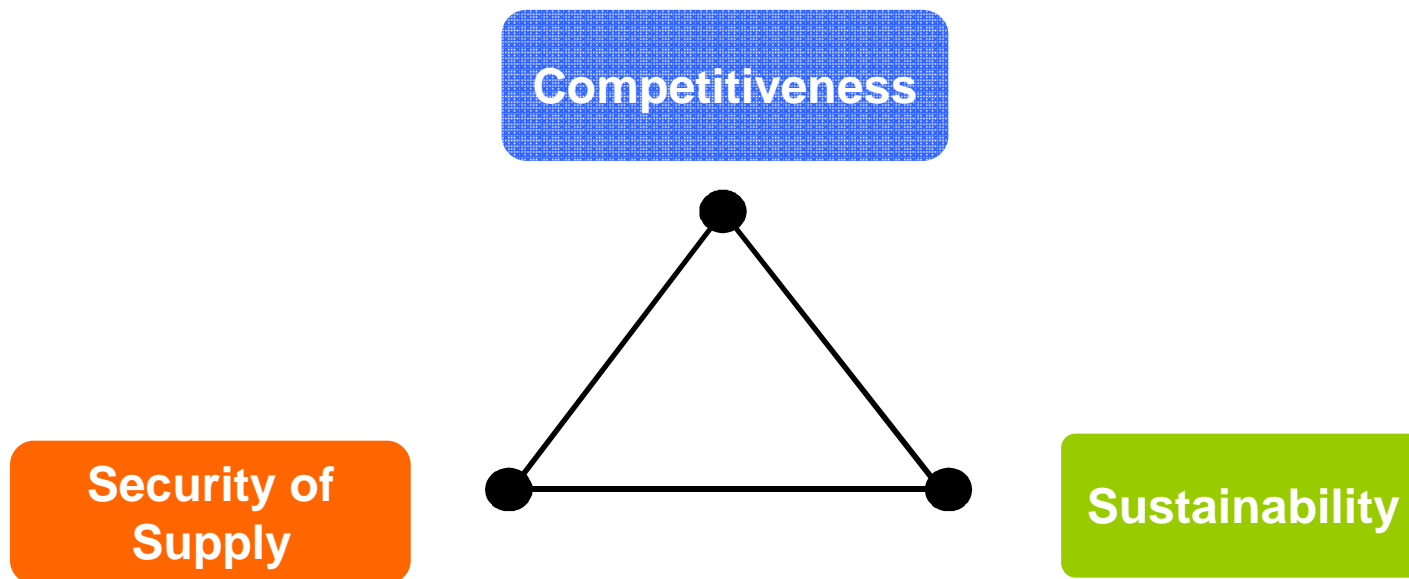
Decarbonisation

Internal Market

ENERGY STRATEGY 2020

5 PRIORITIES to achieve our goals

- Efficient use of energy
- Integrated energy market
- Secure, safe and affordable energy
- Technological leadership
- Strong international partnership



Meeting our “20-20-20 by 2020” goals

Reduce greenhouse
gas levels by 20%

Current
trend
to 2020

-20%



Increase share of
renewables to 20%

Current
trend
to 2020

20%



Reduce energy
consumption by 20%

Current
trend
to 2020

-10%

100%

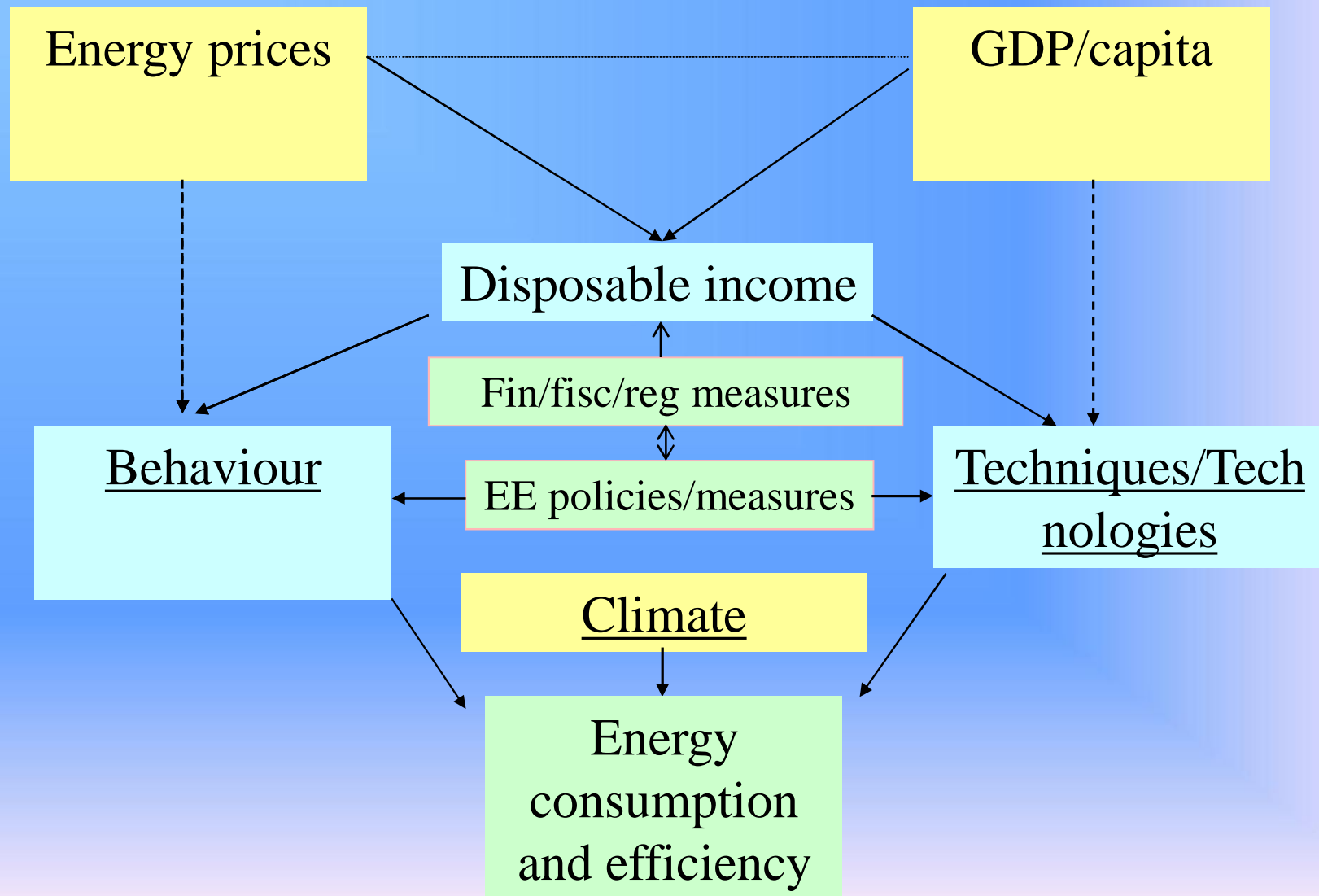


● Main proposals from the Commission in 2011

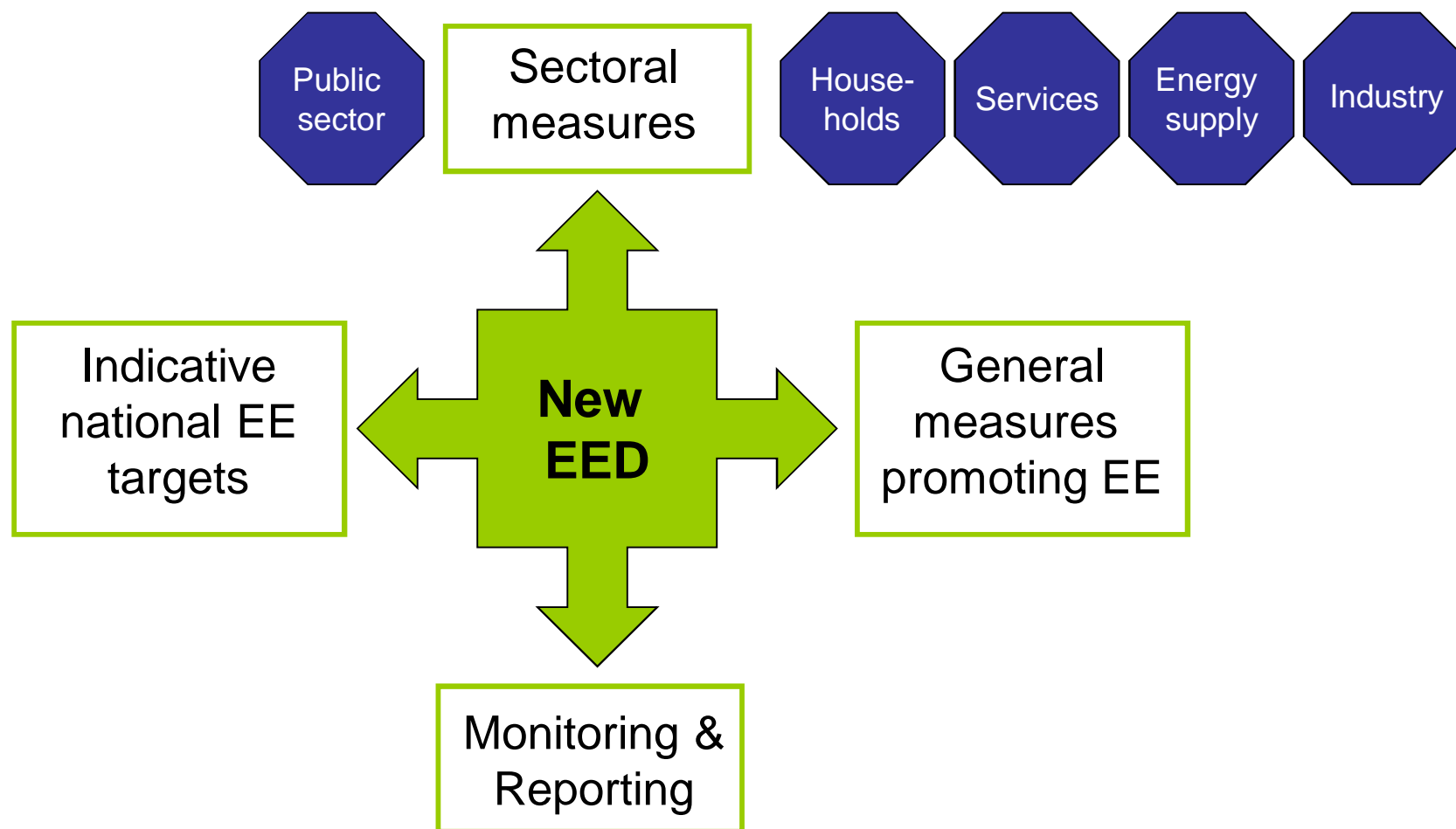
- **Energy Efficiency Plan**, which was adopted on 8 March 2011,
- **Legislative proposal on energy efficiency** (22 June 2011), which will provide an enhanced framework for energy efficiency and savings policies of Member States, merging the Energy Services and the Cogeneration Directives
- **Energy Infrastructure Instrument**, with list of European priority infrastructure projects, proposal for streamlining permits procedures and possible sources of finance for these projects (autumn)
- **Communication on external dimension of energy policy** (autumn), which presents a comprehensive analysis of the external dimension and identify priorities for the EU external energy cooperation and improved coordination (7 September)
- **2050 Energy Roadmap** (autumn) - complementary to low-carbon and transport Roadmaps

● Interactions

Residential Energy Consumption



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



Thank you

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