

# Energy Efficiency Directive Potential and Challenges

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**The Coalition for Energy Savings**

[www.energycoalition.eu](http://www.energycoalition.eu)

Warsaw 29/2/12

# Coalition Members:

- ▶ Industry, NGOs and policy and professional associations
  - 400 associations, 150 companies,
  - 1.5 million employees, 15 million supporters



## Advisory Members:



- ▶ Joining their forces to make energy efficiency and savings a top priority of EU policies

# Why Energy Saving?

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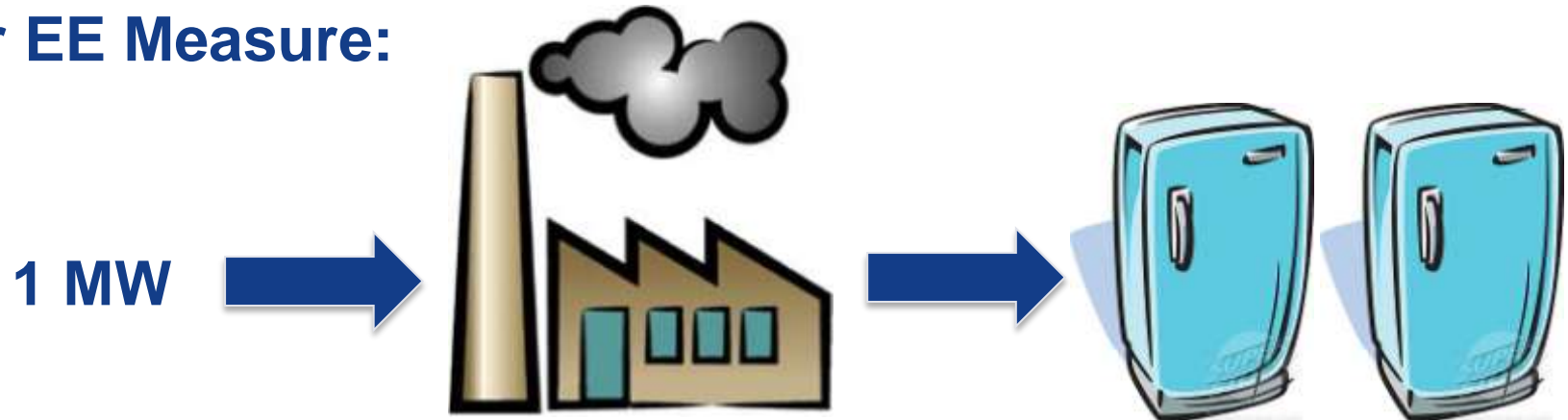
- Reduce energy costs for everybody
- Create jobs and increase state revenues
- Increase energy security
  - reduce waste and pollution
  - better health and education
  - fight climate change.....

# Description of Energy Savings - 1

Before:



After EE Measure:



# Description of Energy Savings - 2

**Before:**

**320 KWh per m<sup>2</sup>**



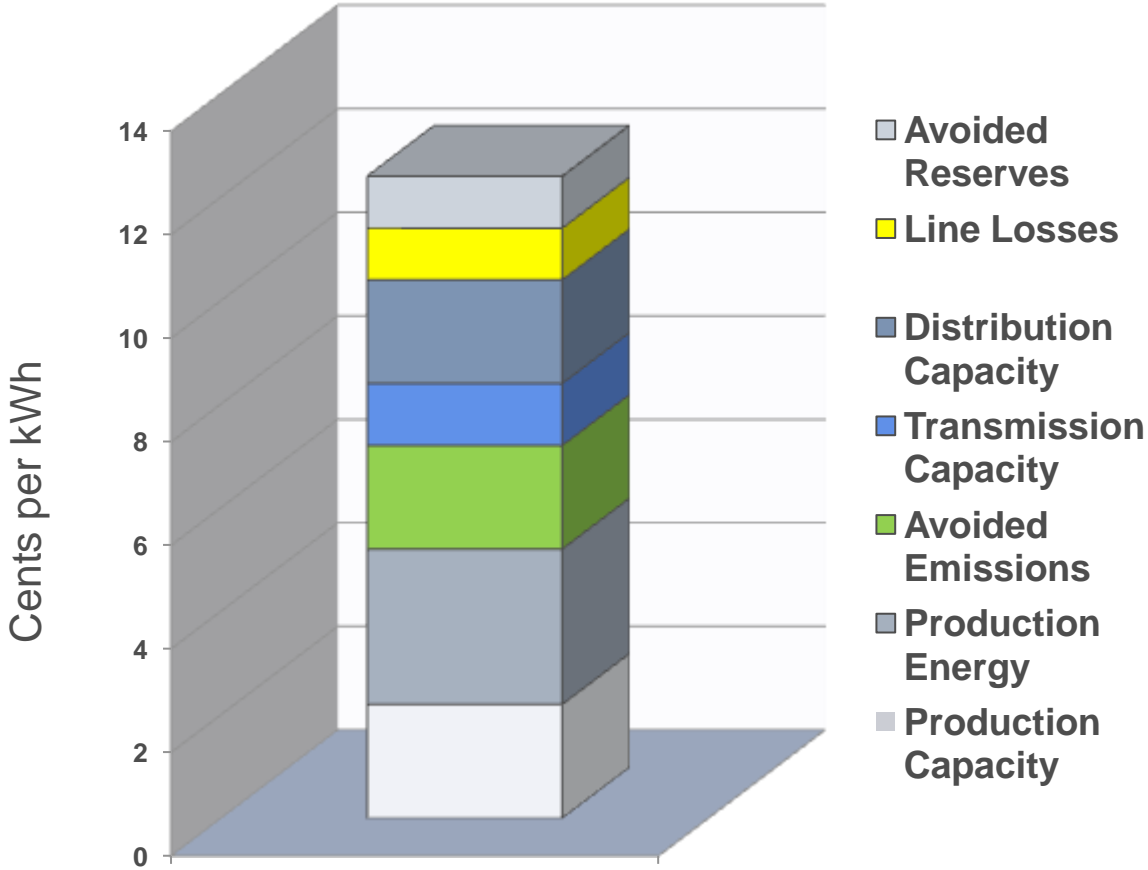
**After EE measure:**

**80 KWh per m<sup>2</sup>**

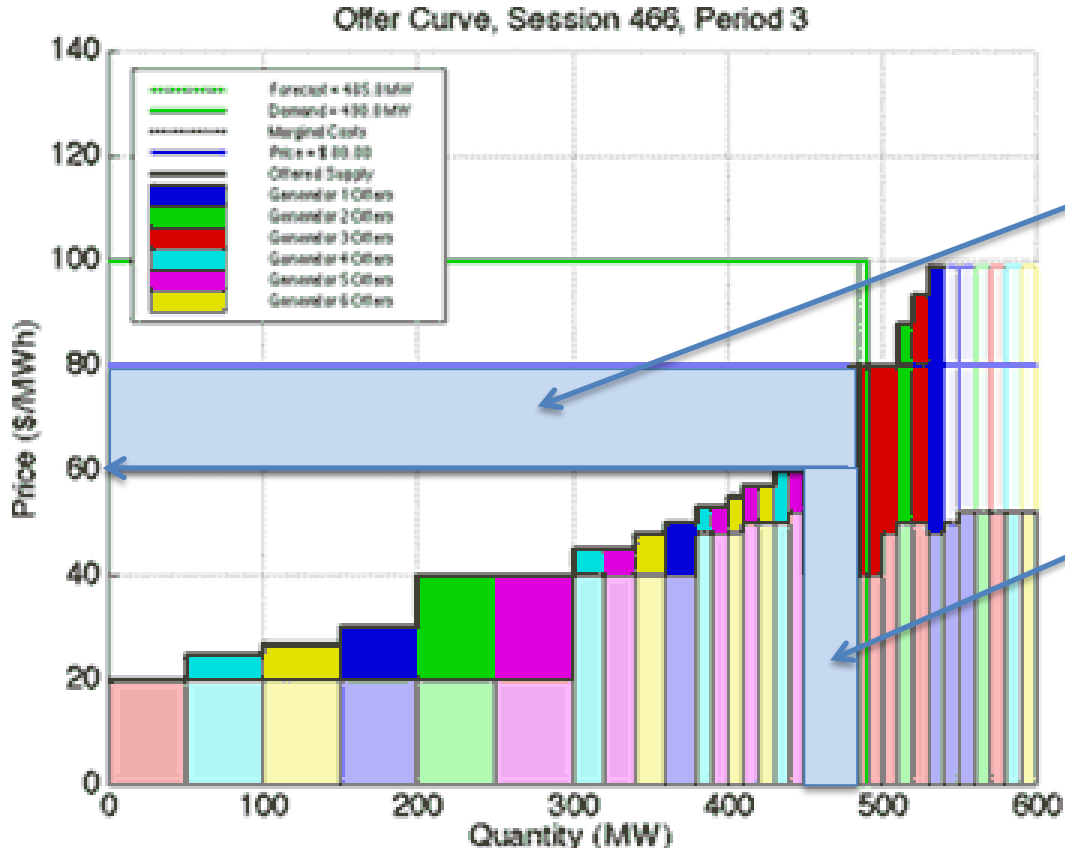


# Reduced energy costs

- Avoided production costs - only one element



... for everybody



Lower clearing price benefits all consumers

Demand reduction from EnE





Refurbished homes:

- 270 000 per year
- 1 300 000 total so far (to 2010)



Jobs created/retained:

- 345 000 per year



Government budget:

**€ 1,25 billion per year**

Loan commitments:

**€ 6.2 billion per year**

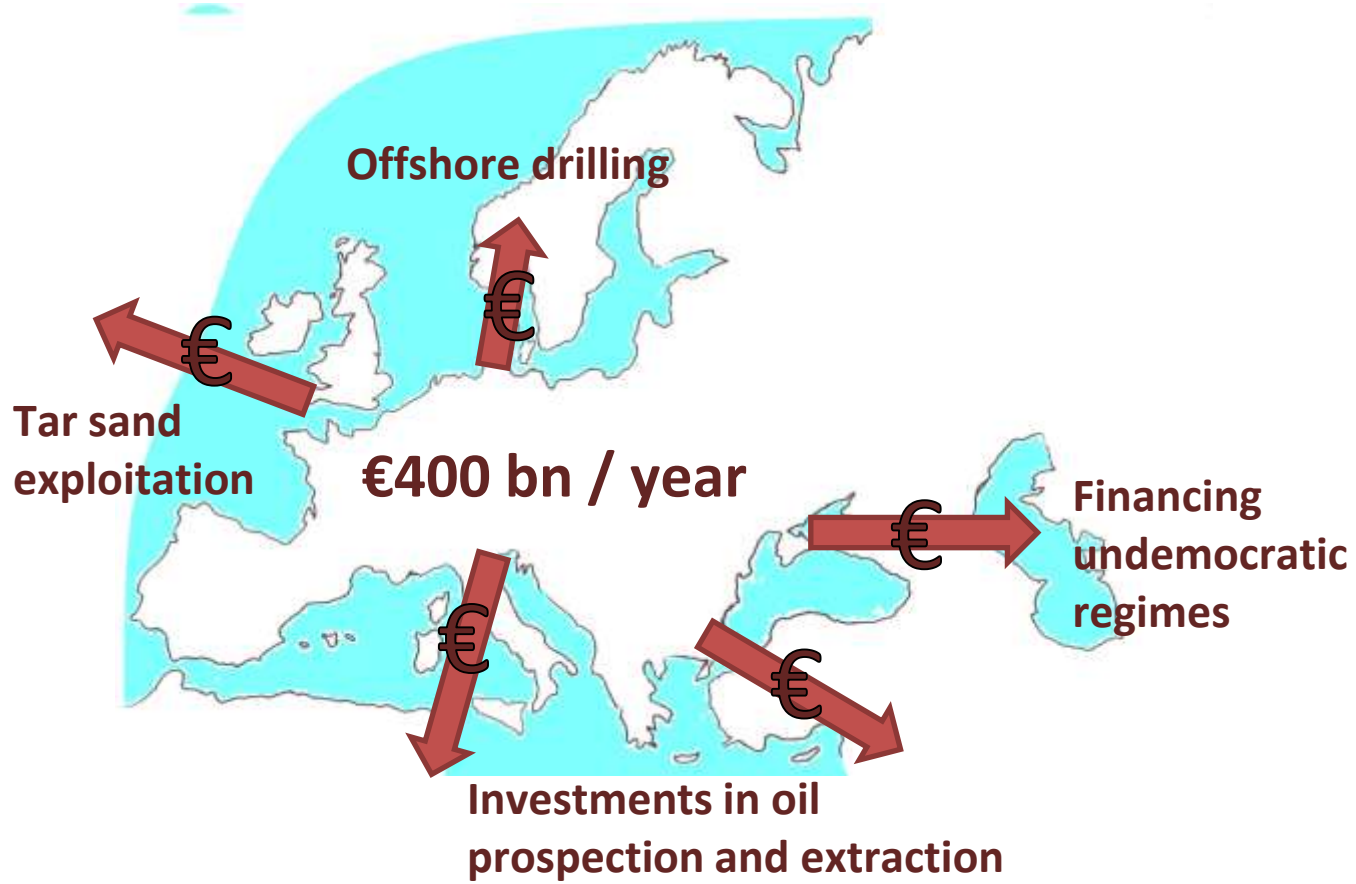
Co-financed investments:

**€ 12 billion per year**

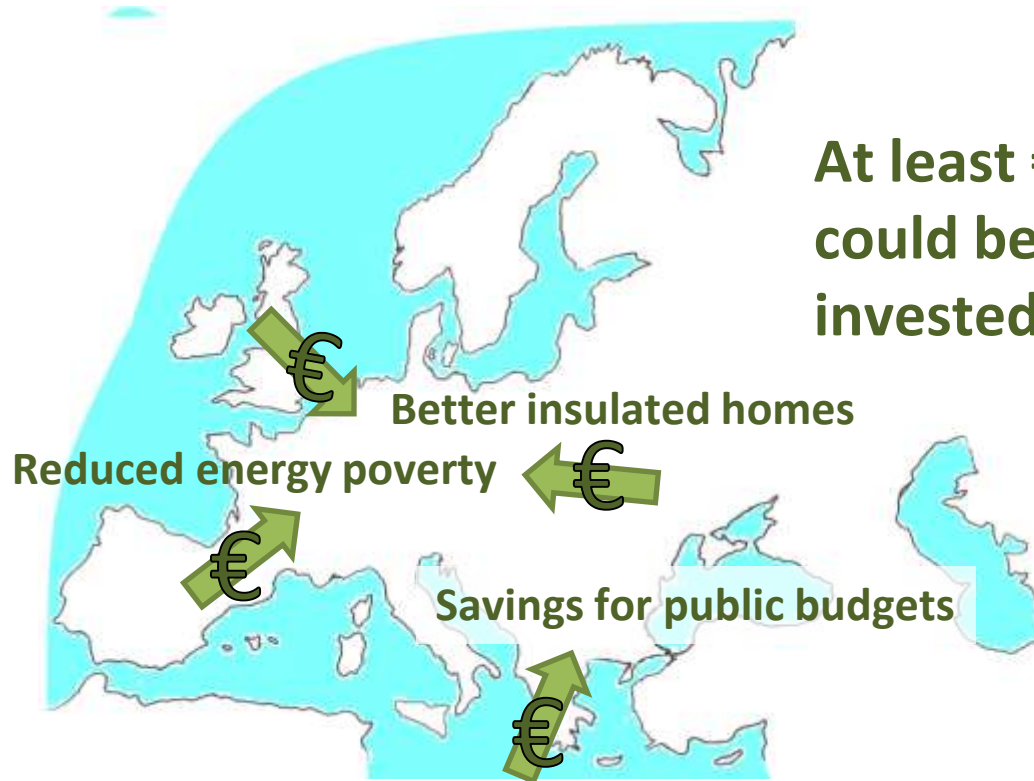
Result within one year:

**€5 return** for each €1 spent by Federal Govt.

# Reducing foreign expenditure

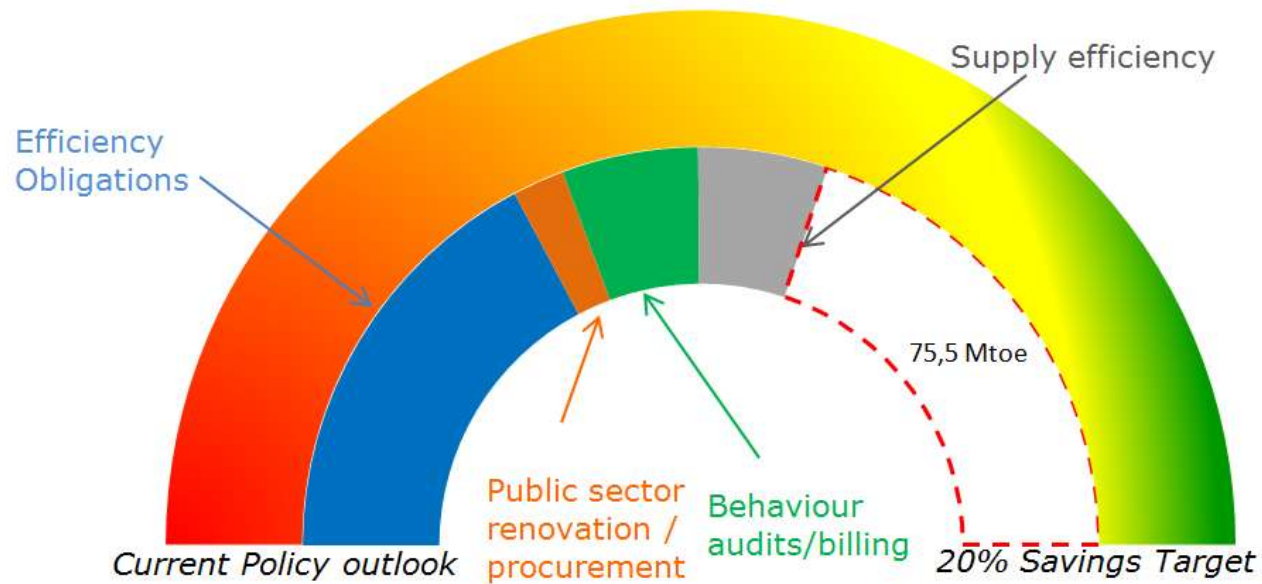


## ... and invest at home



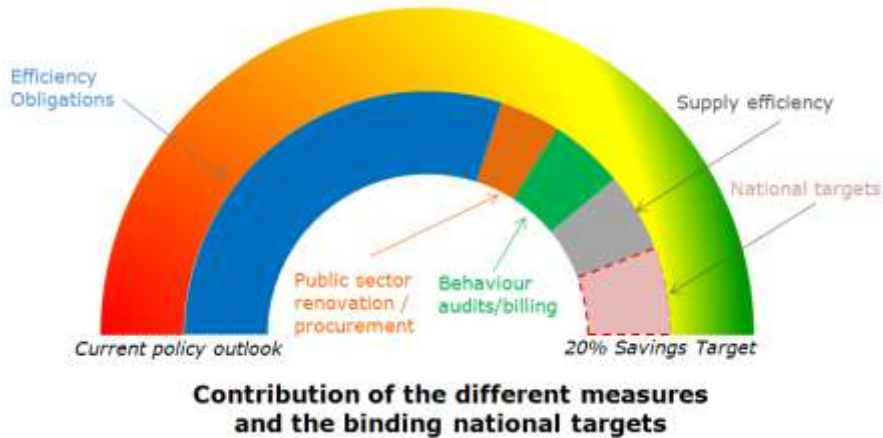
- **Most of those benefits will be missed under business as usual**
- Only half of Europe's 2020 efficiency target within reach
- *Why would we leave money lying on the table?*

## Commission proposal

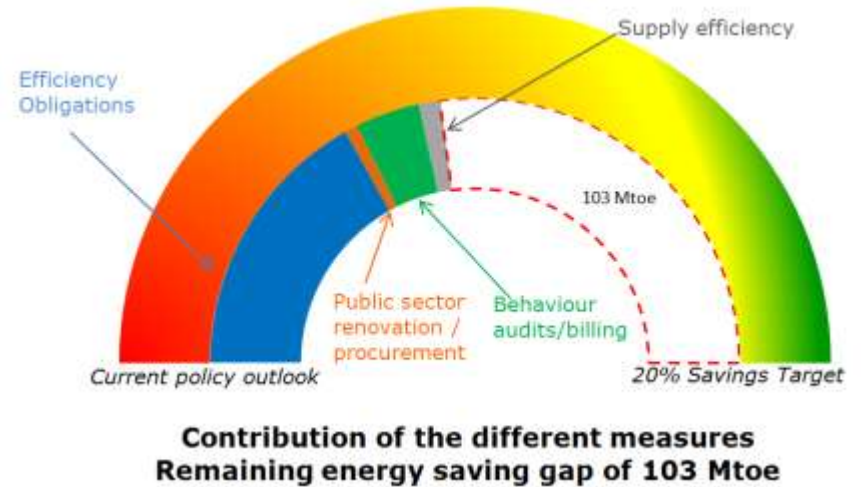


**Contribution of the different measures**  
**Remaining energy savings gap of 75.5 Mtoe**

## European Parliament



## Council / Member States



- Business as usual is no option
- Move to a new energy model unavoidable to get Europe's economies on sustainable growth path
- Energy Efficiency Directive is essential and requires
  - Much more political leadership
  - Business to grasp opportunities and to embrace new models of doing business