



Energy Saving – Motivations & Benefits

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Energy Savings – Motivations and Benefits

- Reasons for reducing energy consumption and a binding energy saving target
- The benefits of energy saving
- European Political Background

20-20-20 Targets

- Reduce greenhouse gas emissions by at least 20% compared to 1990 levels or by 30% if the conditions are right;
- Increase the share of renewable energy in final energy consumption to 20%.
- The EU has a policy target to achieve energy savings of 20% by 2020;

Scope for future - The 20% Target

- The 20-20-20 consists of an emissions and renewables target which is legally binding while **the energy consumption target is not legally binding;**

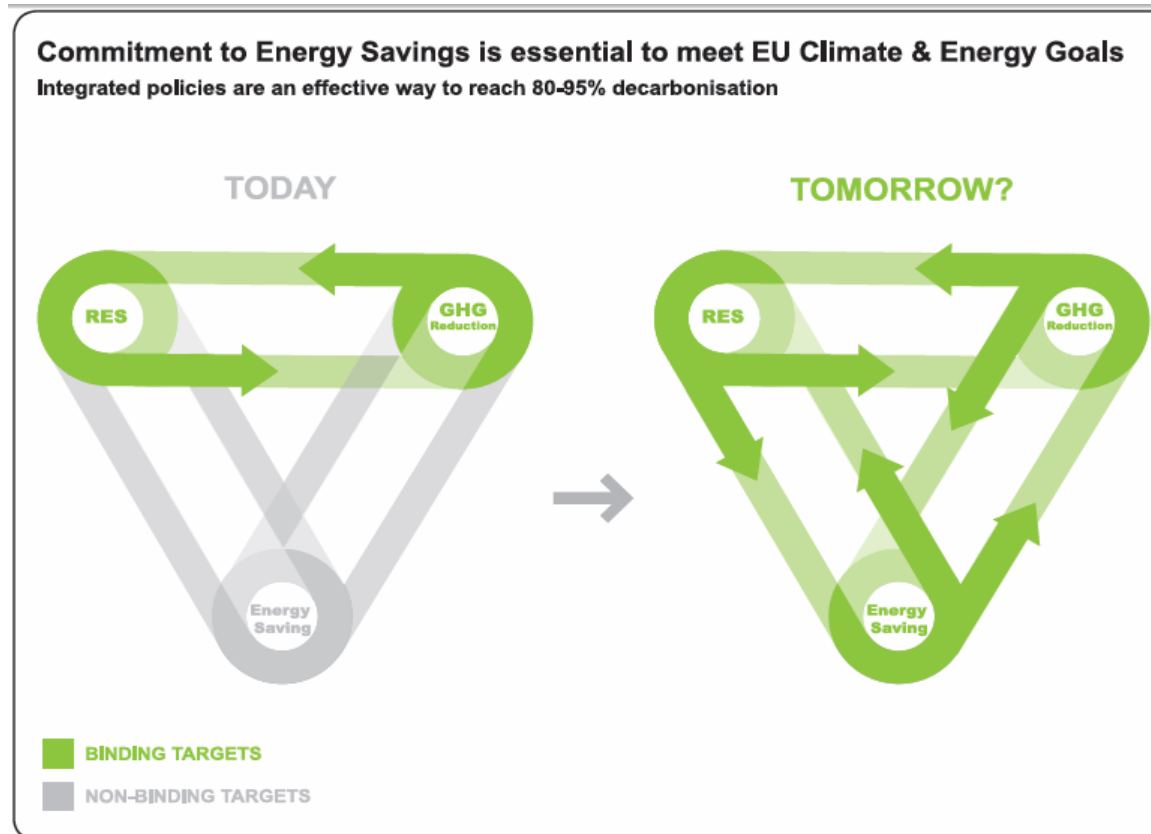


Figure 1 - 1 The aim of this study: investigating the feasibility and impacts of introducing binding targets for energy savings in the EU.

Energy Savings 2020: how to triple the impact of energy saving policies in Europe, European Climate Foundation, 2010.

Primary Energy Use in the EU: Tripling of Policy Impact Needed to Meet 20% Target

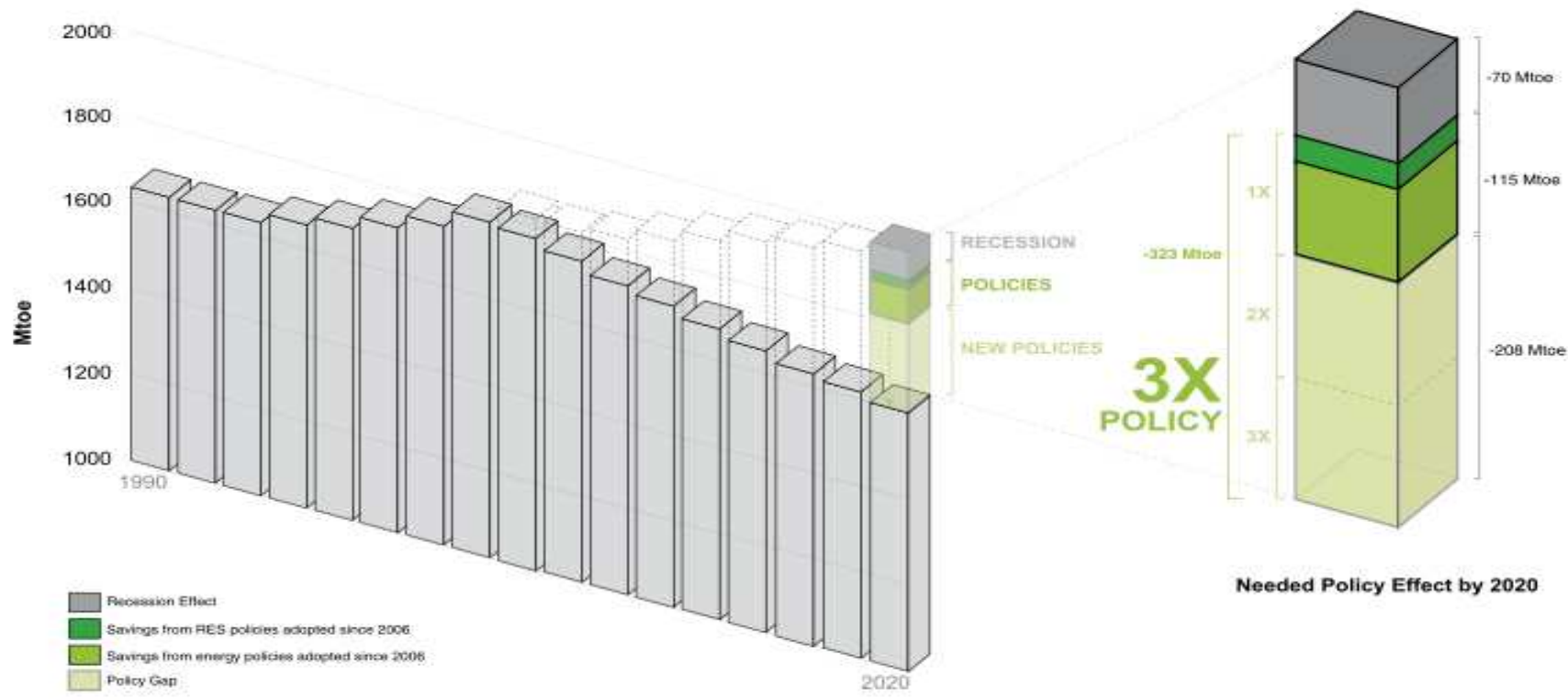


Figure 3 - 15 Even taking into account the economic recession and energy policies (since the adoption of the 2006 EEAP), meeting the 20% energy savings target by 2020 will require a threefold increase in policy impact.

Energy Savings 2020: how to triple the impact of energy saving policies in Europe, European Climate Foundation, 2010.

Benefits of Saving Energy in Europe

Energy Saving

Is the **largest, fastest and most cost-effective way** for Europe to reach its climate targets and to ensure that Europe is doing all it can to keep global average temperatures well below a **2°C increase**.

Benefits of Saving Energy in Europe

Energy efficiency will lower energy bills for consumers and cut infrastructure costs (equivalent to 160 coal power plants by 2020). Failing to meet the EU's 20% energy saving target will be an unnecessary additional cost to consumers of 78 billion Euros annually.



<<< Save Money

Lowering energy bills for consumers will also reduce fuel poverty and offer substantial benefits in terms of health and quality of life.

<<< reduce fuel poverty and better quality of life



Reducing our energy use by 20% by 2020 could generate a **million** new and local jobs, including at least 130,000 in Hungary

<<< more jobs



By saving energy a business will save money from overhead costs.

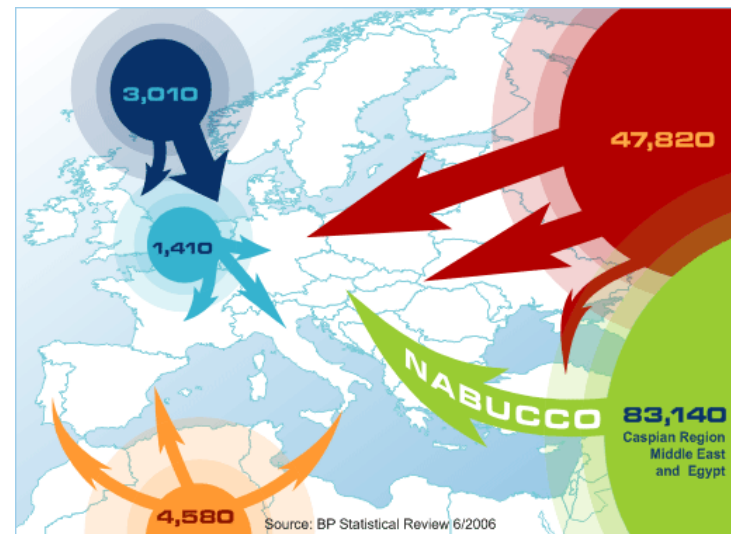
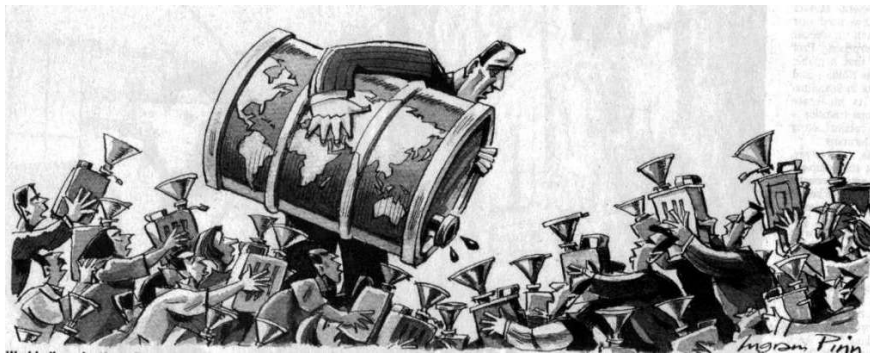
<<< more profitable business



Energy Security

Europe is the largest energy importer in the world, we currently import 50% of the energy with estimates that this will rise to 70% in the coming 20 years if no further action is taken.

Oil and natural gas prices are volatile and rising.



Reducing energy consumption by at least 20% by 2020 will reduce the cost of the EU's energy imports by between 100 and 150 billion Euro annually. Energy Security is a big concern for Eastern European countries dependent on gas imports. <<< **Increased Energy Security**

European Commission



Günther Oettinger - DG Energy, (14 January 2010)

“ I'm prepared to talk to you about a legally binding goal in two years if we don't achieve the results on a voluntary basis ”

European parliament

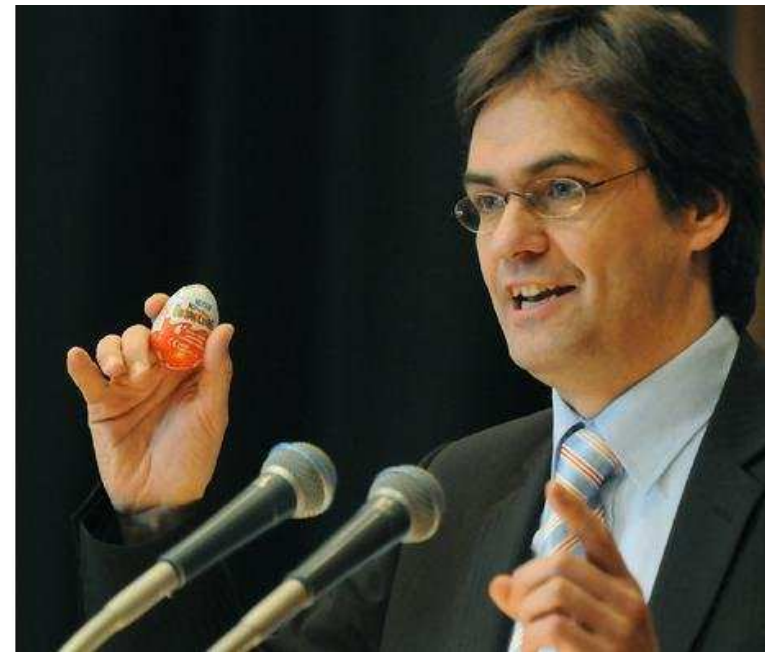
**ITRE
committee**



Bendt Bendtson

Binding Target
For Energy Savings

**ENVI
committee**



Pieter Liese



European Council

- During an **Informal Council of Energy Ministers in September** the EU energy ministers agreed on the key importance of triggering the cost-efficient energy saving potential.



- They mentioned that without a strong new policy the energy efficiency target of 20 percent will not be met but they did not mention any binding targets.
- European Heads of State are to meet again on the 4th February 2011 for an informal Energy Council of European Prime Ministers. The summit will be convened by the President of the Council Van Rompuy.**

TO MEMBERS OF THE EUROPEAN COMMISSION,
COUNCIL AND PARLIAMENT,

If someone said there is an **energy source** which offers all this...

fight climate change no waste
 save millions of Euros education
 lower import bills address social inequalities **less fuel poverty**
 training enhance quality of life innovation
 reduced emissions sustainable employment
 safety stimulate technology developments
 better health inexhaustible
energy savings **energy security**

...would you **support** it?

ENERGY EFFICIENCY THE FIRST ENERGY SOURCE!

NGOs working hand in hand with Industry on energy saving

The Coalition for Energy Savings

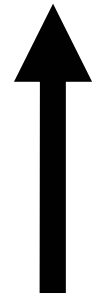


The Coalition for Energy Savings

The coalition aims to be an open alliance of European organisations and their members who are known as both important stakeholders in the field of energy efficiency in the EU and who are eager to see existing policy deliver expected benefits and future policy become more ambitious



+ *honorary individual memberships will include individuals from EU institutions (e.g. Members of the European Parliament)*



Energy Saving
Escape route

