



EUROPEAN ALLIANCE TO  
**SAVE ENERGY**  
*Creating an Energy-Efficient Europe*

# THE POTENTIAL FOR FURTHER INNOVATION IN ENERGY EFFICIENCY SOLUTIONS

**MONICA FRASSONI**

“WHAT IS THE POTENTIAL FOR FURTHER INNOVATION IN RES, SMART GRIDS AND  
ENERGY EFFICIENCY TECHNOLOGIES?”

*8 OCTOBER 2013*

## ABOUT EU-ASE



EUROPEAN ALLIANCE TO  
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- **Established** United Nations Climate Change Conference in December 2010
- **Our objective** To make the case for the urgent need for stronger action on energy efficiency in Europe
- **Who we are** Some of Europe's leading energy efficiency advocates: companies, politicians and campaigners

# EU-ASE MEMBERS



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## **Bendt Bendtsen**

Member of the European Parliament  
(Denmark, EPP)

## **Bas Eickhout**

Member of the European Parliament  
(Netherlands, Greens)

## **Fiona Hall**

Member of the European Parliament  
(UK, ALDE)

## **Pieter Liese**

Member of the European Parliament  
(Germany, EPP)

## **Judith Merkies**

Member of the European Parliament  
(Netherlands, S&D)

## **Anni Podimata**

Member of the European Parliament  
(Greece, S&D)

## **Kathleen Van Brempt**

Member of the European Parliament  
(Belgium, S&D)



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Further innovation in energy efficiency *solutions* can be supported with a consistent and straightforward regulatory framework, notably an **EU binding energy savings target for 2030...**

# BY ADOPTING AN AMBITIOUS AND MANDATORY ENERGY SAVINGS TARGET FOR 2030, EUROPE COULD...



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- **REDUCE ENERGY PRICES**

Reduced demand through energy efficiency will push down the cost of energy, leading to a reduced price tag for energy of €50 billion by 2030. This figure is equivalent to the electricity sales in France for 2011.

- **CREATE JOBS**

Throughout the period up to 2030, 1,500,000 Full Time Equivalent direct jobs per year will be created and sustained.

- **DECREASE ENERGY CONSUMPTION**

By 2030 Europeans would be saving €200 billion net a year from energy efficiency, taking into account both investment costs in energy efficiency and energy cost savings.

Source: European Alliance to Save Energy (EU-ASE) with the support of the research group Ecofys, "[The case for a European energy saving target for 2030](#)", February 2013

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- **CUT ENERGY IMPORTS**

Europe currently (2011) imports €573 billion in energy. This amount can be cut by 40% through energy efficiency measures.

- **DECREASE CO2 EMISSIONS**

CO2 savings would amount to 1.5 billion tons a year by 2030, which would decrease total EU emissions by roughly a third.

- **OFFSET INVESTMENTS NEEDED FOR EUROPEAN ENERGY INFRASTRUCTURES**

Over the period to 2030, energy efficiency can offset the investments needed in Europe for energy infrastructure by €30 billion a year.

- **BOOST GROWTH**

A minimum increase of 1% in European GDP is expected by 2030 through energy efficiency measures.

THANK YOU!



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