

Energy Renovation The Trump Card for the New Start for Europe



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Serving society Stimulating innovation Supporting legislation



Would Energy renovation address Juncker's priorities?



Political Guidelines for the next European Commission

Opening Statement in the European Parliament Plenary Session

> Jean-Claude Juncker Candidate for President of the European Commission Strasbourg, 15 July 2014



Jean-Claude Juncker President-elect of the European Commission Strasbourg, 22 October 2014 1. A New Boost for Jobs, growth and investment

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- **3. A Resilient Energy Union with a Forward-looking** Climate Change Policy
 - 1. Energy Union (energy security)
 - 2. Energy prices
 - 3. Number one in Renewables
 - 4. Enhance energy efficiency beyond 2020 objective

"...when it comes to buildings, and I am in favour of an ambitious, binding target to this end..."

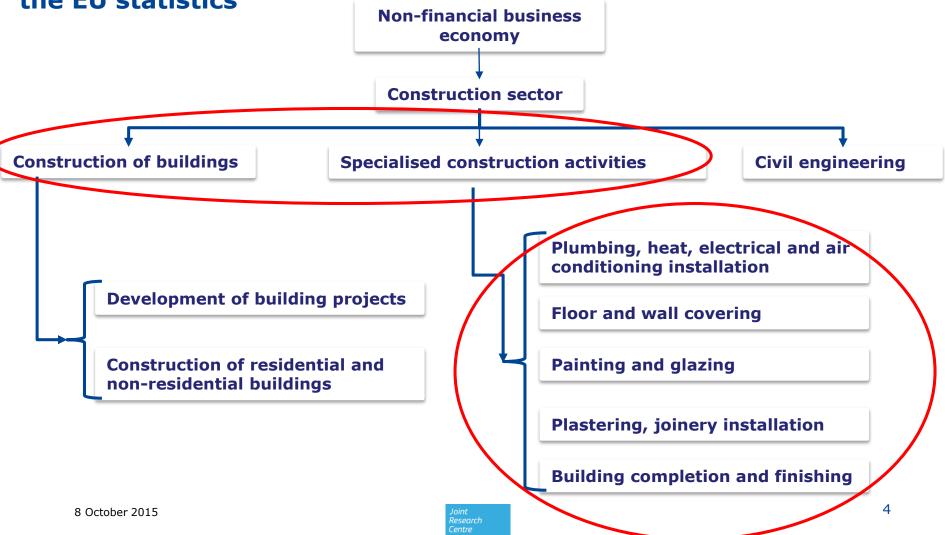


The building sector is the stabiliser of the EU economy





Renovation work is included in specialised construction activities in the EU statistics



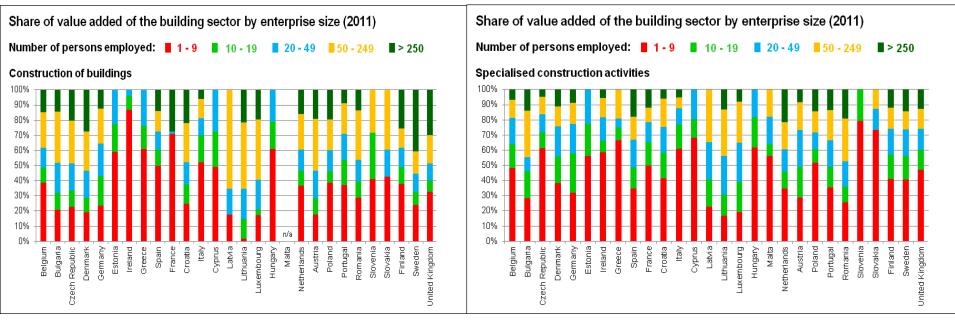


Specialised construction activities that include renovation work and energy retrofits add almost twice value than the construction of new buildings and employ three times more people than the supply of energy for the same value added

2011/ EU 28	Value added (EUR billion)	Share of the value added of the non-financial business economy	Number of persons employed (million)	Share of employment in the non-financial business economy
Total construction Construction of	501	8%	-	10%
buildings Specialised construction activities	<u>144</u> 283	<u>2.3%</u> 4.7%		
Total building sector	427	7%	11.5	8.8%
Energy supply to buildings	215	3.5%	2.13	1.6%
				Source: Eurostat



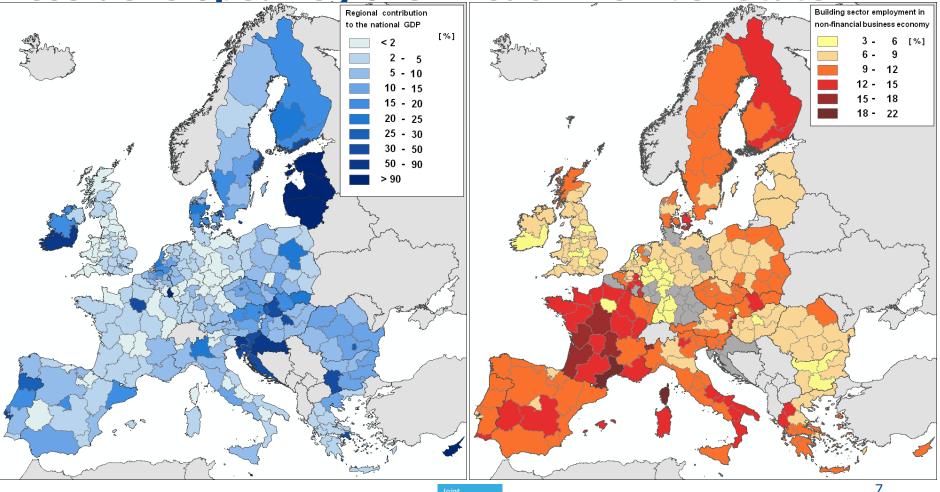
94% of enterprises in the building sector were enterprises with less than 9 persons employed



Source: Eurostat

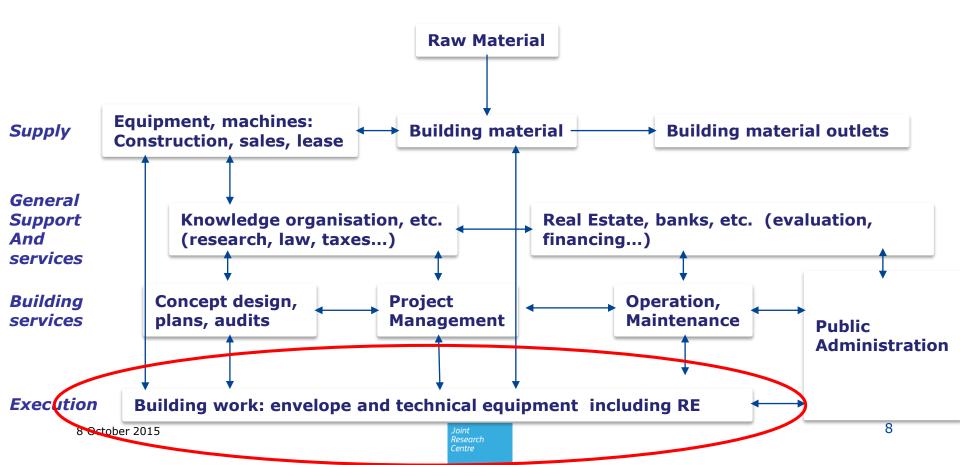


The building sector employs more people in the less developed regions in each Member State





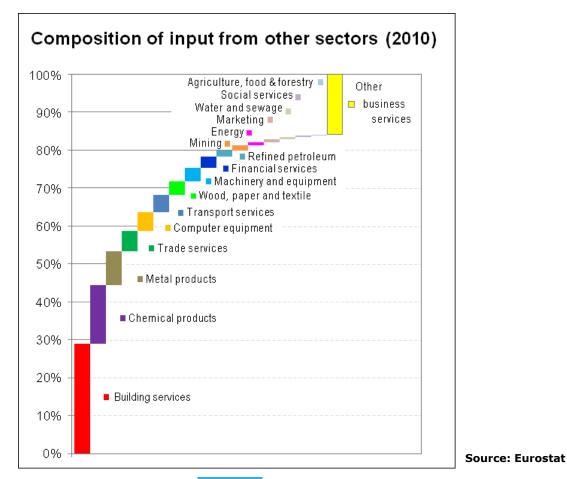
The economic role of the building sector goes beyond the building work itself





Quand le bâtiment va, tout va!*

"The health of the economy is tied to the activity in the building sector"



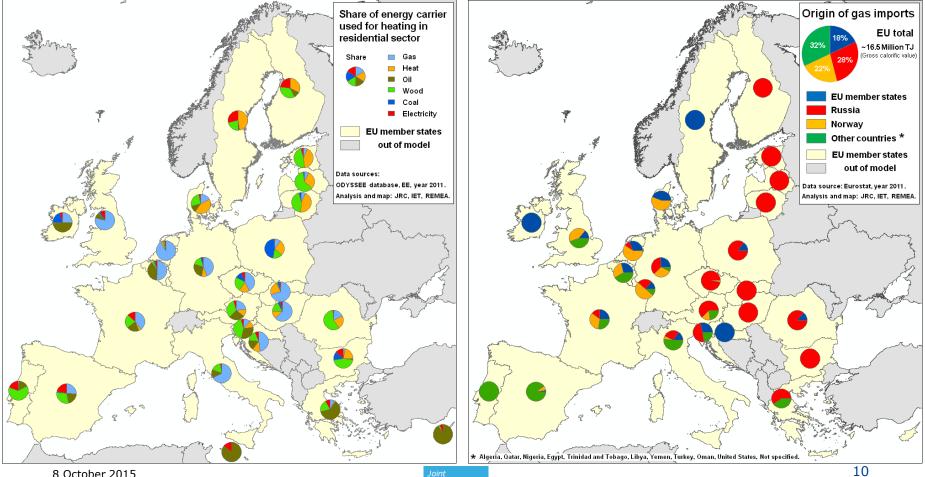
Joint Research

* Martin Nadaud at the French Parliament in 1850

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Reducing heating needs would reduce the EU dependency on gas imports



Research



The building sector is the driver of the EU decarbonisation scenarios





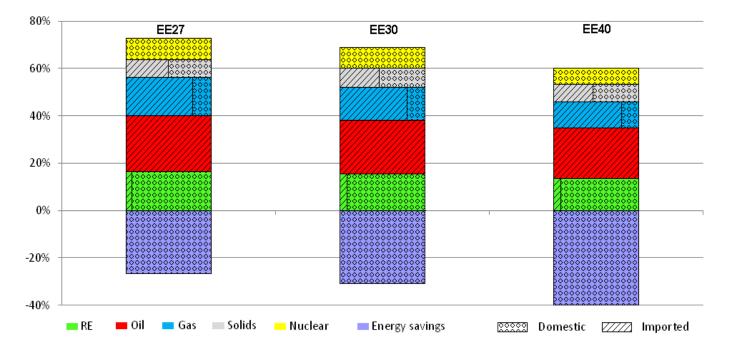
EU decarbonisation scenarios in the road to COP21 in Paris

- EE27: Current energy savings target set by the European Council for 2030
- EE 30: the possible energy savings target to consider when the 2030 climate and energy policy framework is reviewed in 2020
- EE40: Energy savings target as called by the European Parliament for 2030





Energy savings are projected to be the first fuel of Europe in 2030 in the EU decarbonisation scenarios

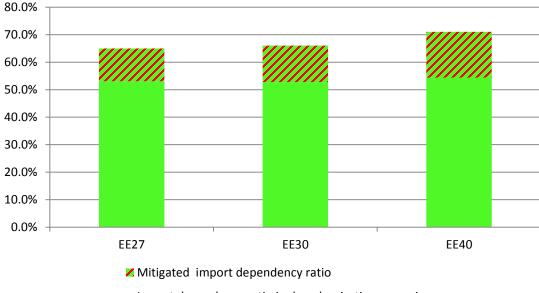


Source: PRIMES 2014





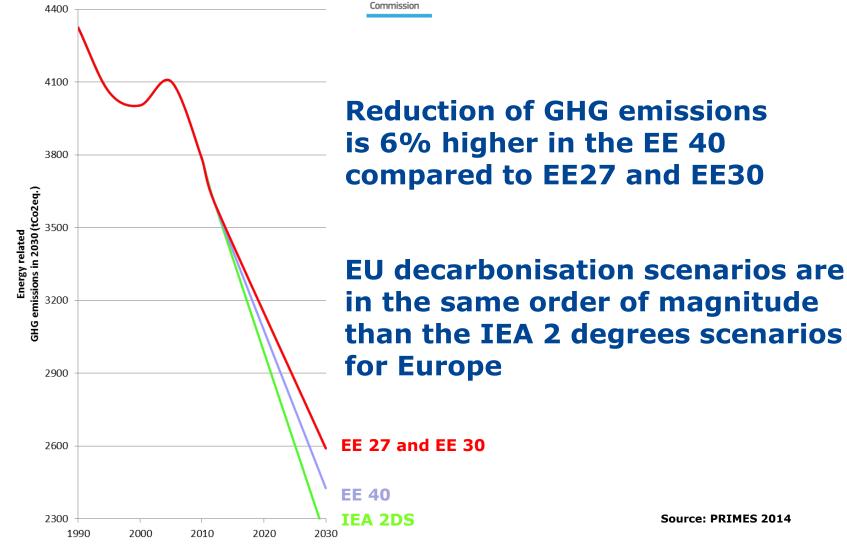
Decarbonisation scenarios mitigate the EU import dependency



Import dependency ratio in decrabonisation scenarios

Source: PRIMES 2014

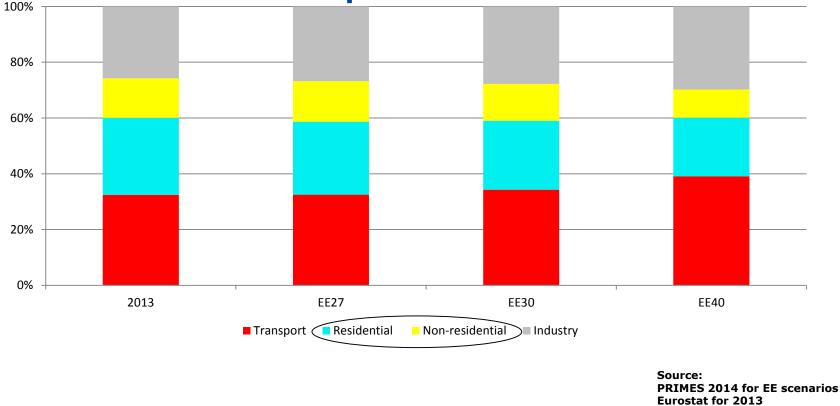




Source: PRIMES 2014

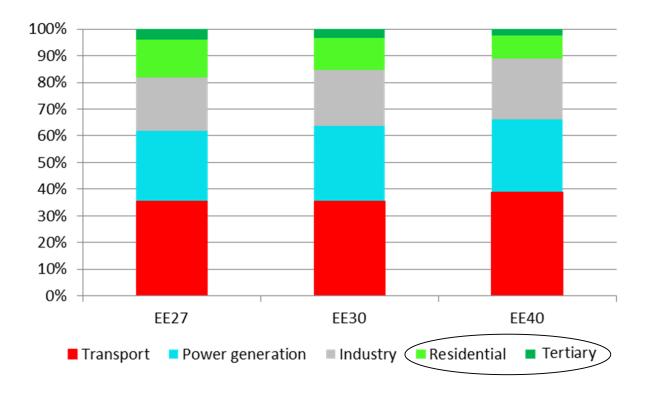


The <u>building sector</u> is projected to have lower share of the EU final energy consumption in 2030 compared to 2013





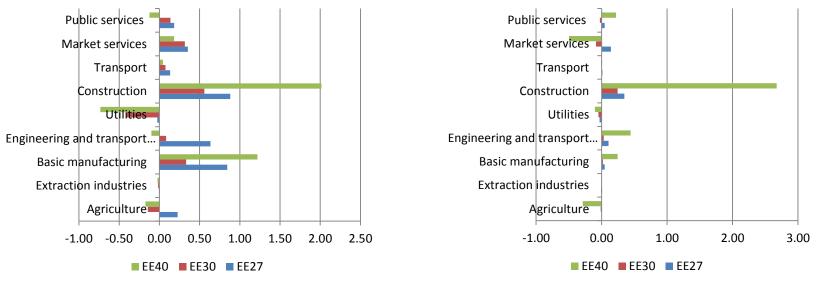
The <u>building sector</u> is projected to be the least emitting sector in 2030



Joint Research



The EU decarbonisation scenarios will boost job creations in the building sector



Changes in number of persons employed compared to the reference scenario

GEM-E3 (Neo-classic model)

Changes in number of persons employed compared to the reference scenario

E3ME (post-Keynesian model)



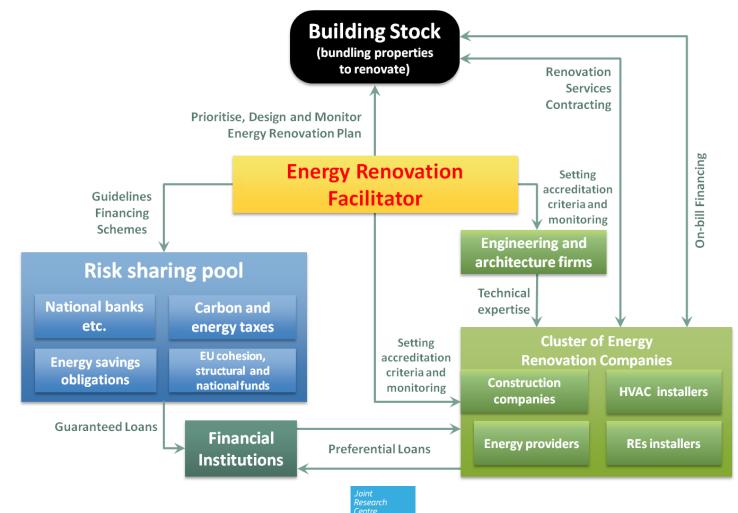
The road to phasing out inefficient buildings is bumpy

- Setting baselines is difficult because energy consumption data are locked.
- Energy renovation costs are not transparent.
- Accreditation of energy renovation companies is scarce
- Market actors are fragmented and building clusters of companies is not obvious.
- 70% of the EU population is owner-occupier but bundling projects is still not a common practice
- Deepness of the renovation is undefined which doesn't push for technological innovation.
- Post monitoring and evaluation is not always a requirement of financing energy renovation.



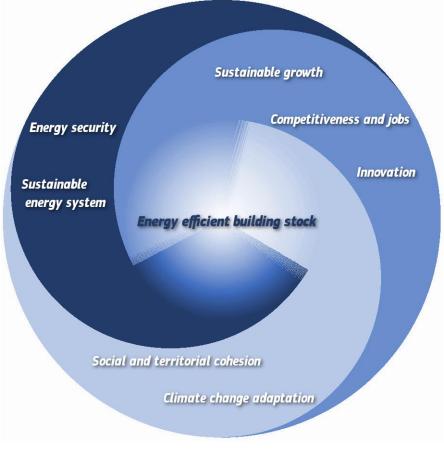


An Energy Renovation Facilitator & a Risk Sharing Pool are needed to create an energy renovation market





The EU Energy renovation plan involves combining existing EU 2020 policy frameworks





Thank you for your attention

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