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Commission



EUFORES  
16th Inter-Parliamentary Meeting on  
Renewable Energy and Energy Efficiency  
"Security and growth potential in the  
Energy Union"

## **Energy Efficiency** "The new directive, architecture and key novelties"

Copenhagen, 8 October 2016

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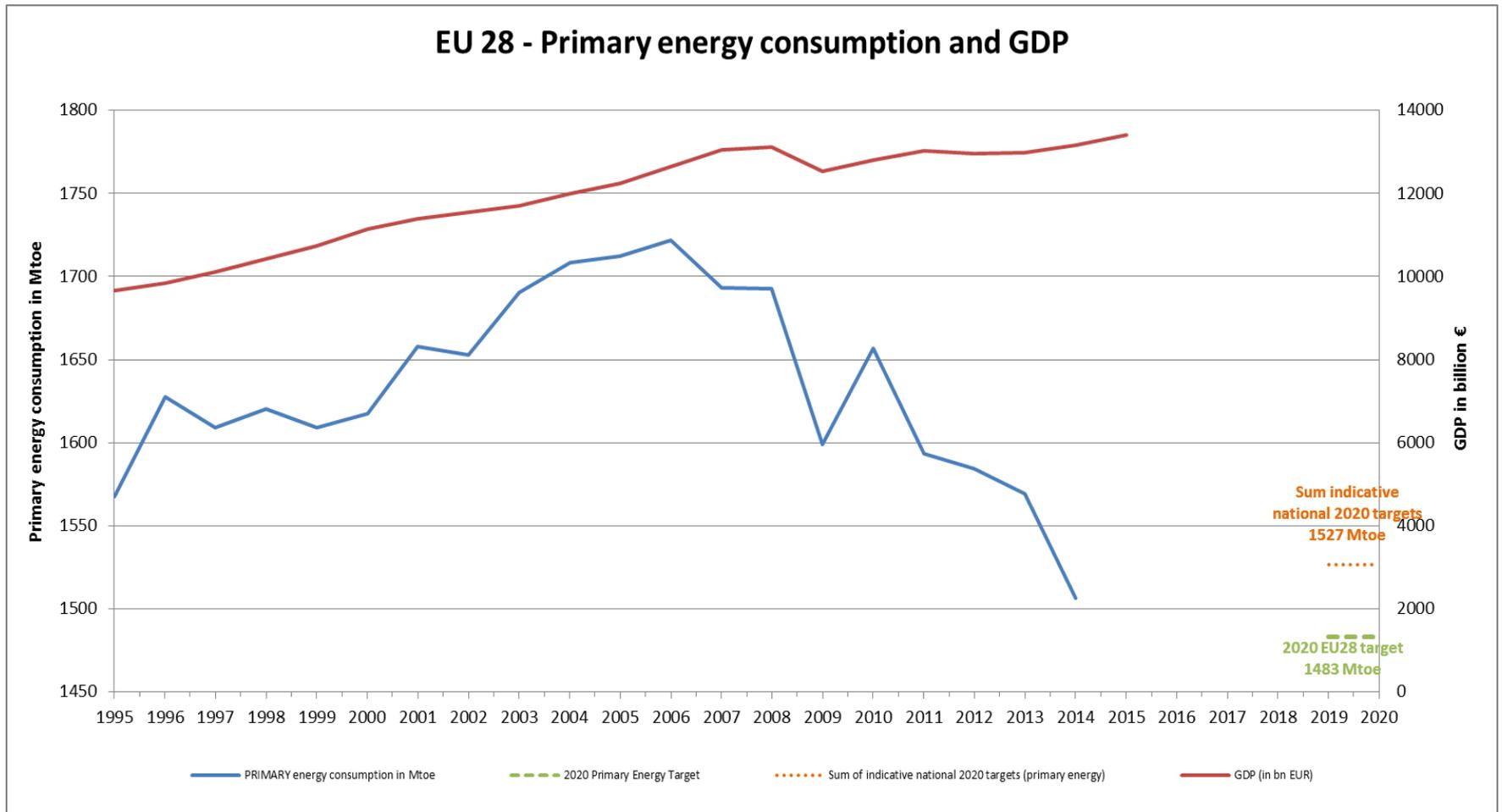
# Energy efficiency myths

- It's only a dream
- It's only the economy
- It's only a question of investment



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# It's not a dream...



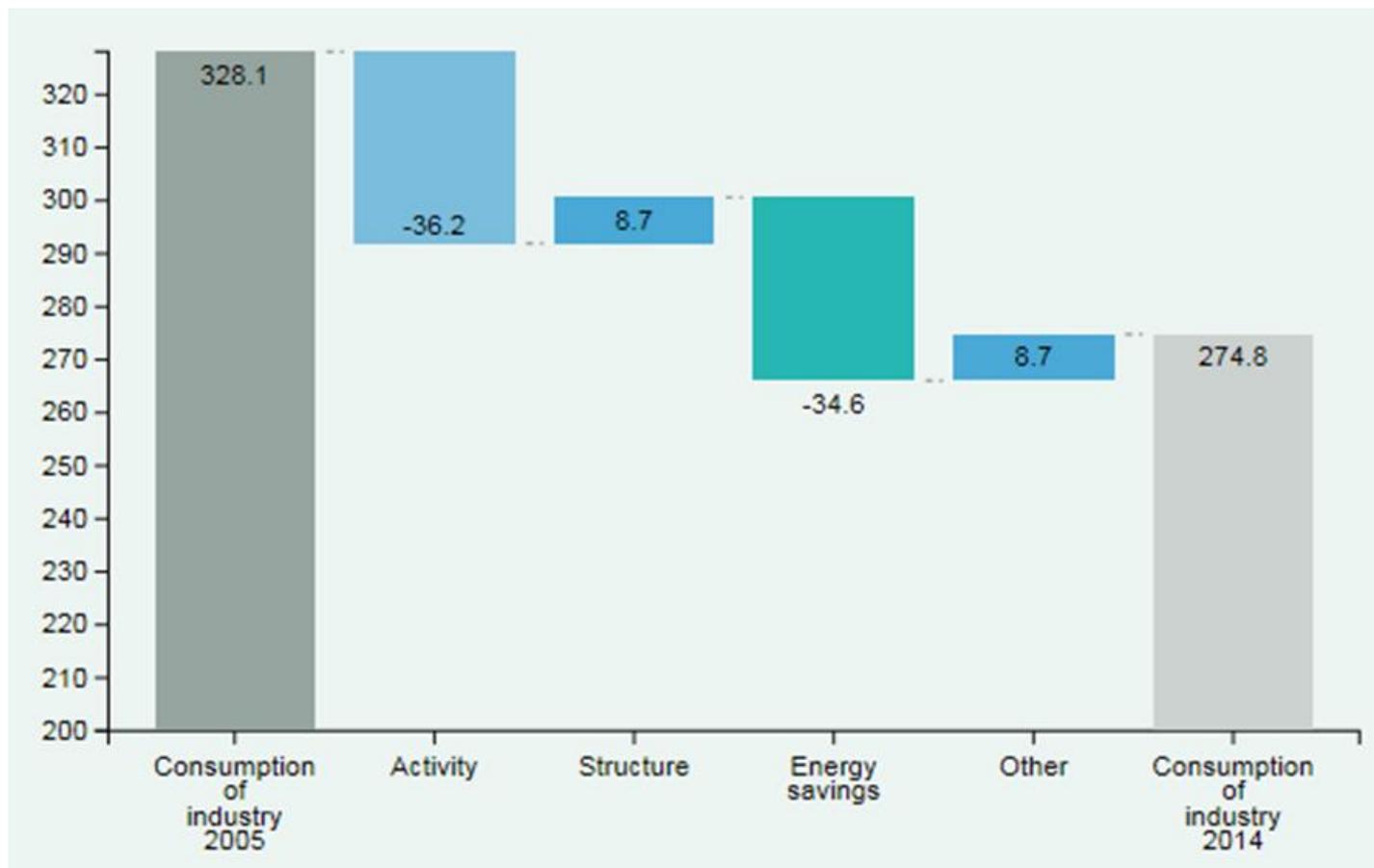


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## EU 28 - Final energy consumption and GDP



## Variation industry energy consumption - European Union - Mtoe (2005-2014)

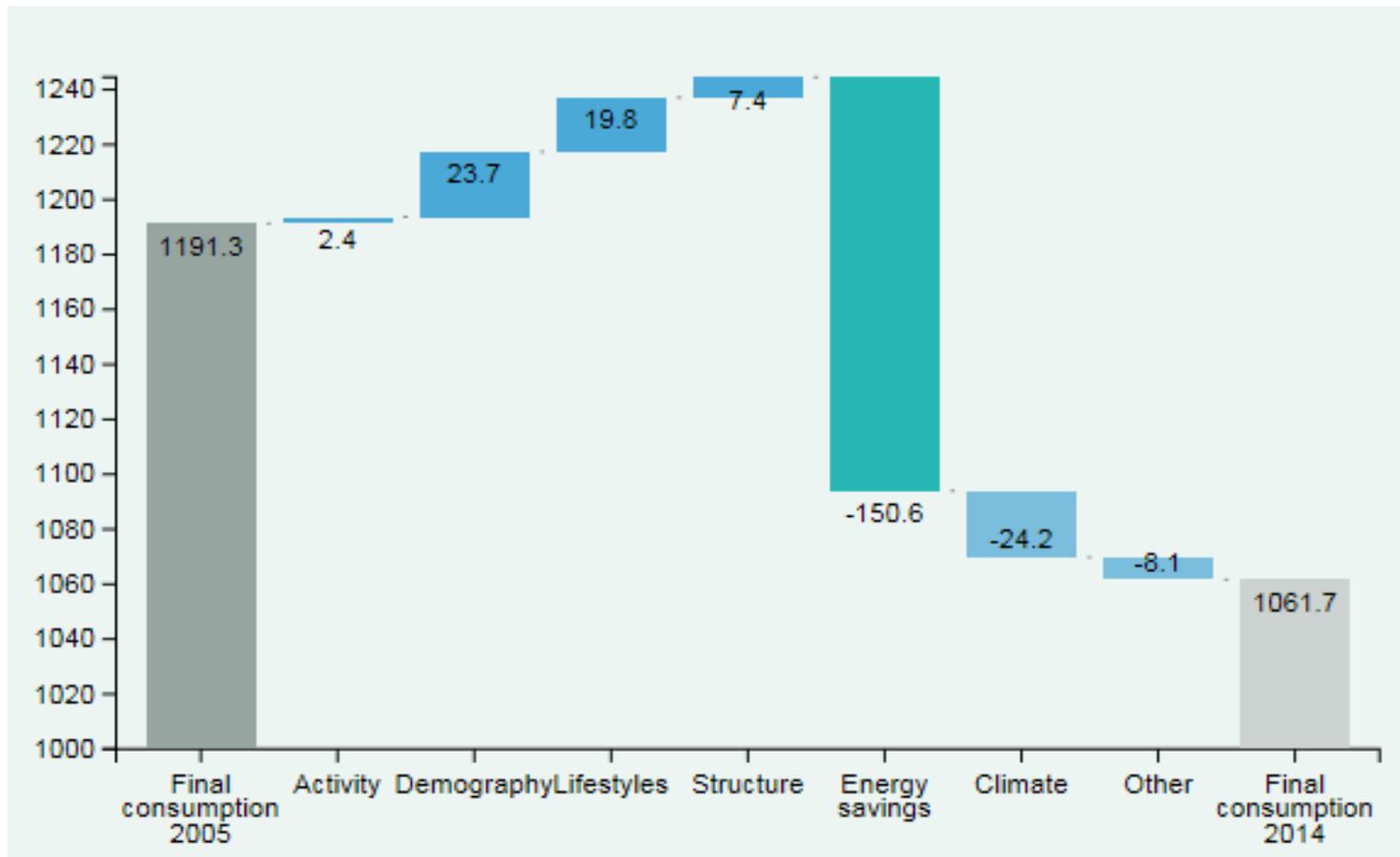




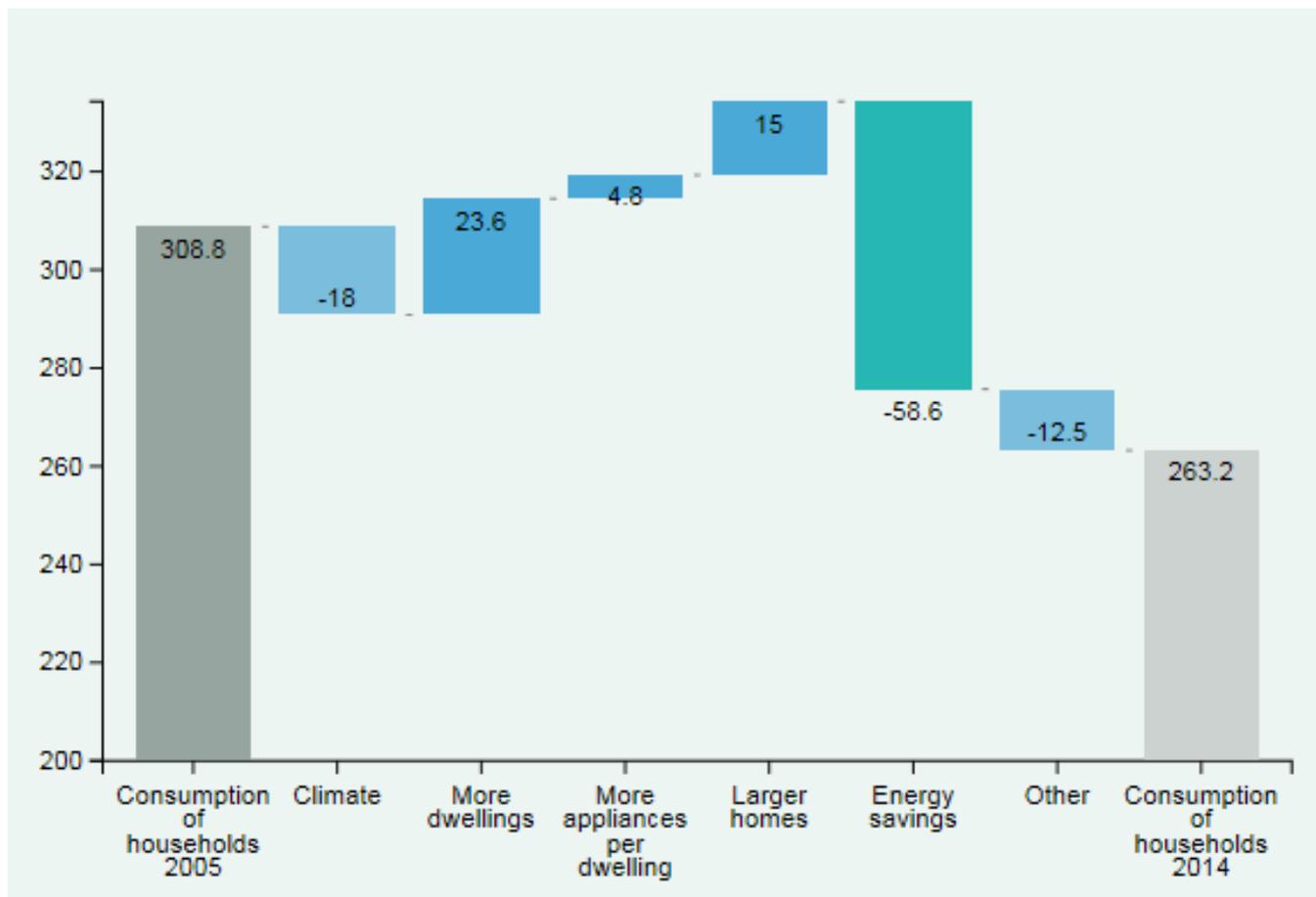
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## It's not only the economy...

### Variation final energy consumption - European Union - Mtoe (2005-2014)



## Variation residential energy consumption - European Union - Mtoe (2005-2014)

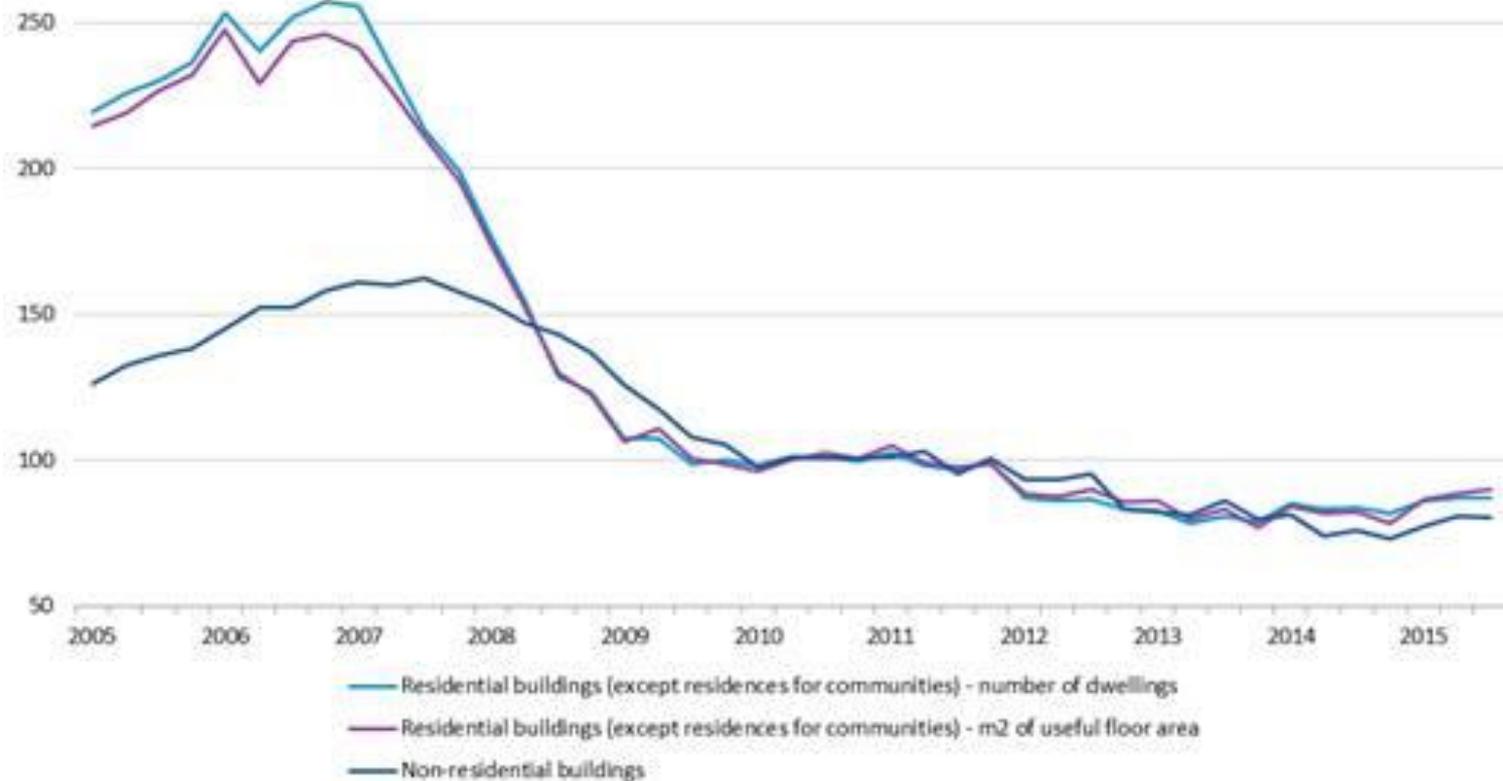




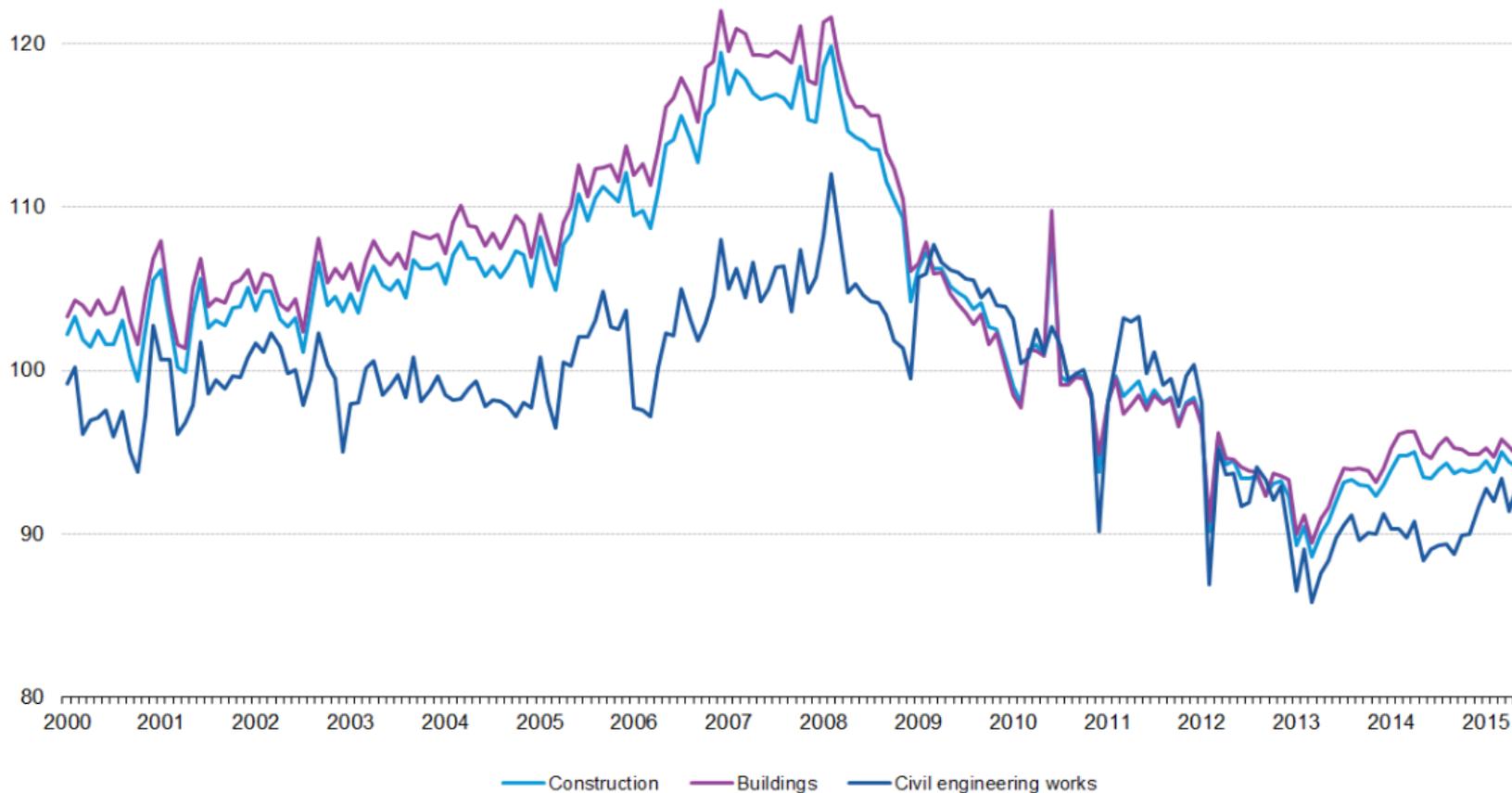
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## It's not all about investment...

Building permits index (2010=100)



## Total construction, buildings and civil engineering activity index (2010=100)



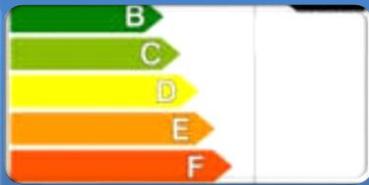
What is it about?

What is the cause of the progress that Europe is making in energy efficiency?

Behavioural change?

Voluntary upgrades?

“Natural” turnover of capital assets?



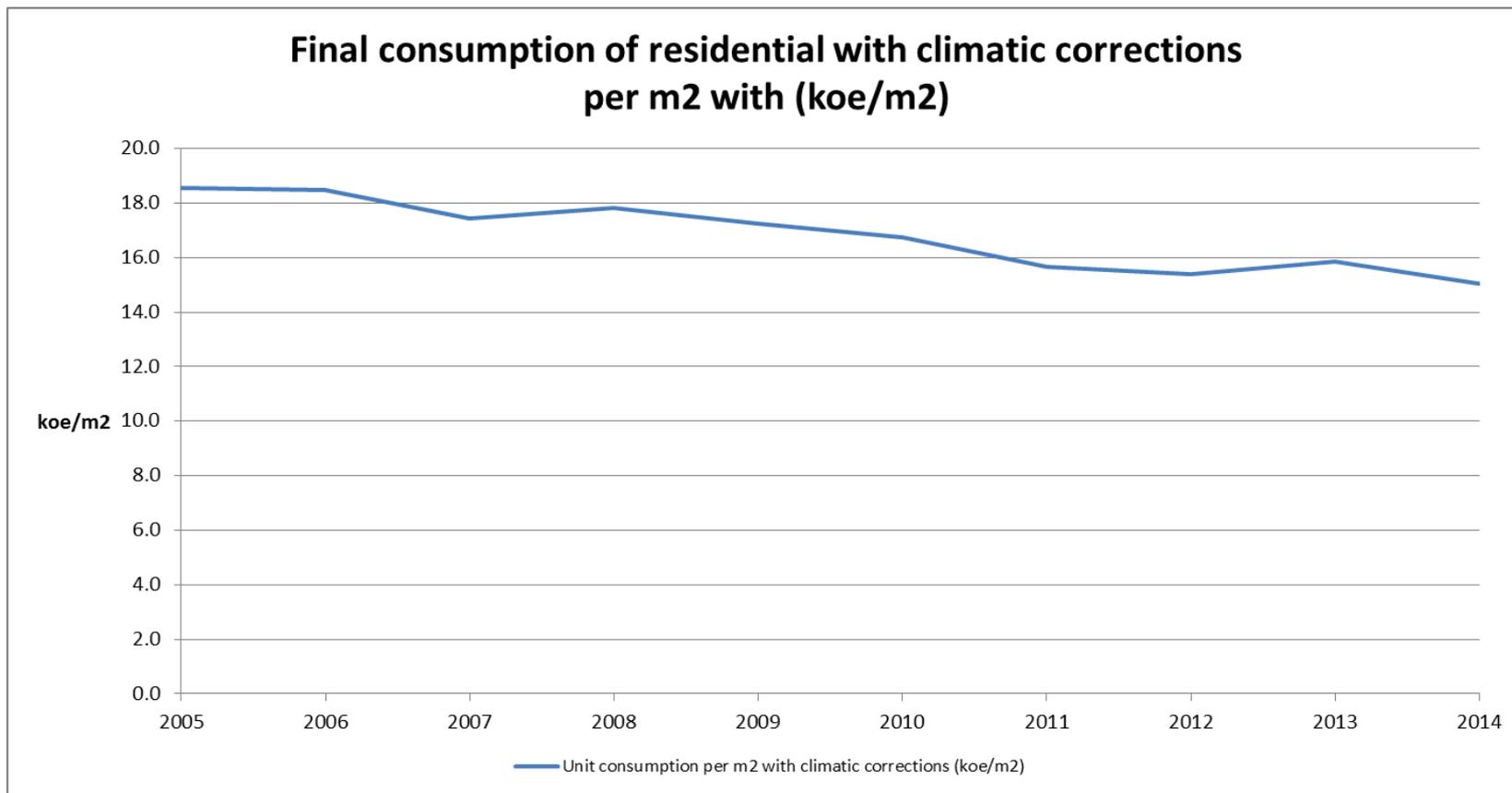
**The share of refrigerators meeting the highest energy efficiency labelling classes (A+ and above) increased from less than 5% in 1995 to 98% in 2014.**



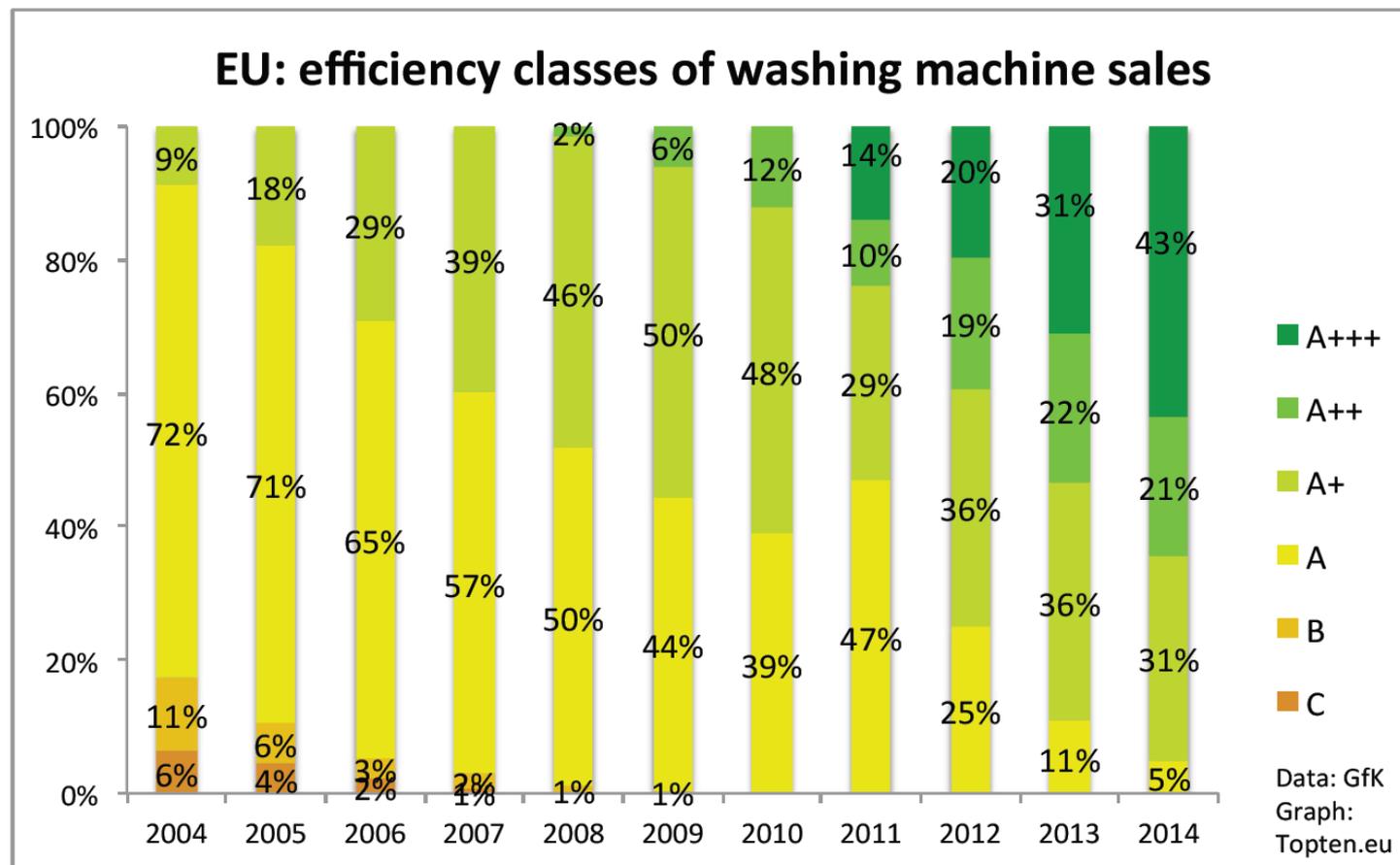
**Between 1995 and 2014 the average consumption of new cars in the EU decreased by 34%.**

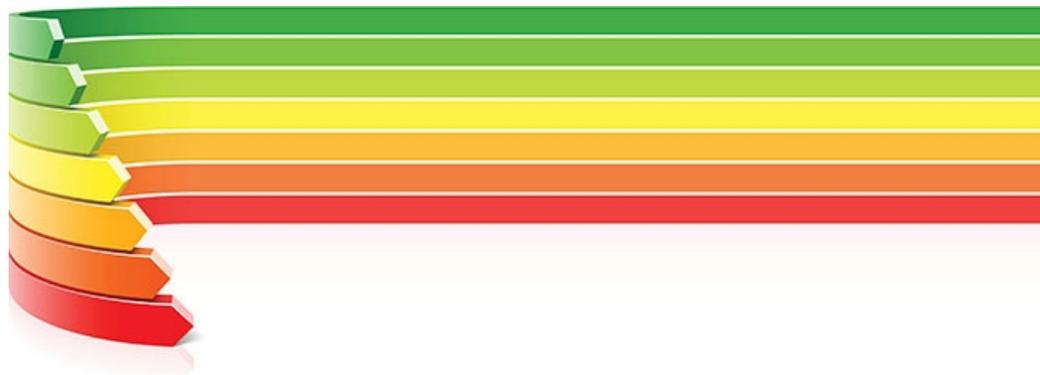


**New dwellings built today consume on average 40% less than dwellings built 20 years ago.**



# Market transformation





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