

# Capturing the vast energy savings potential in Europe's buildings: WWF's perspective

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eceee seminar

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Individual benefits of efficiency in buildings

- Better health
- Reduction of fuel poverty
- Increased comfort
- ..etc..

Societal benefits of efficiency in buildings

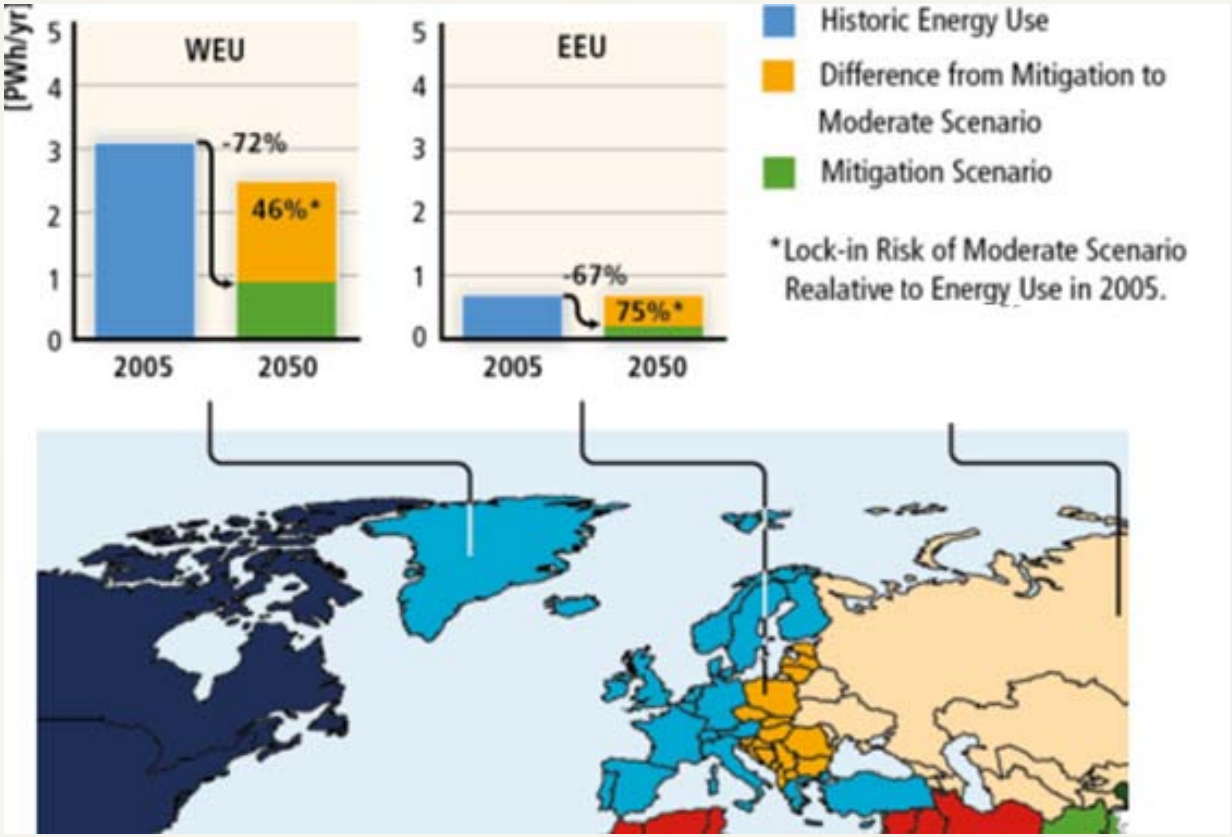
- Mitigation of climate change
- Increased energy security
- ..etc..

IPCC WGIII AR5: By 2050, global building energy use (32% in 2010) could double, or even triple, if no action is taken.

By mainstreaming today's cost-effective best-practices and technologies, their global energy use could be stabilized or decline.

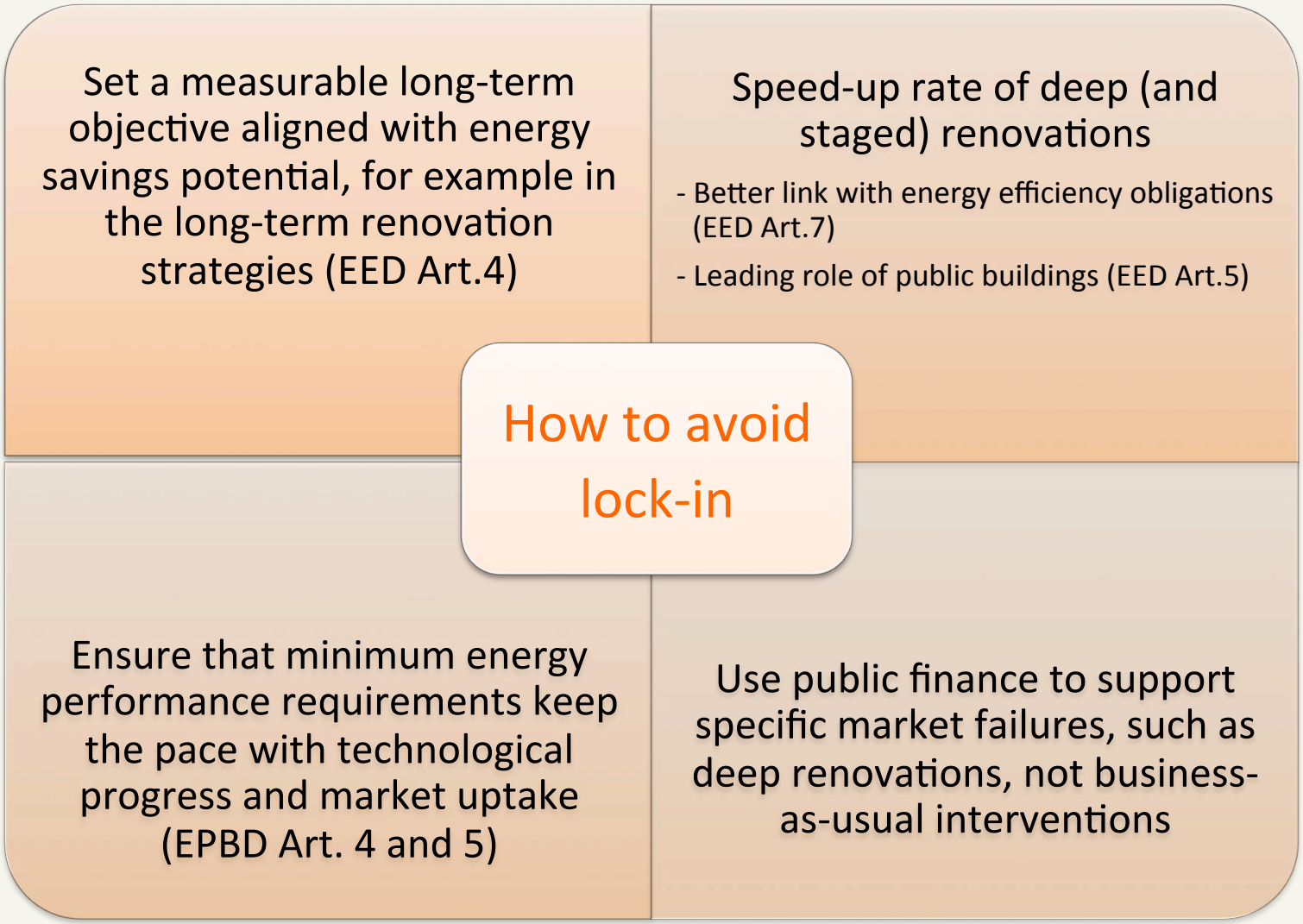

Do not lock-in energy
savings potentials

# Lock-in risk




**Final building heating and cooling energy use scenarios from 2005 to 2050, IPCC, Working Group III, Figure 9.12, page 33.**

By 2050 the size of the lock-in risk is equal to 46% in Western Europe and could reach up to 75% in Central and Eastern Europe.


Set a measurable long-term objective aligned with energy savings potential, for example in the long-term renovation strategies (EED Art.4)
Speed-up rate of deep (and staged) renovations
- Better link with energy efficiency obligations (EED Art.7)
- Leading role of public buildings (EED Art.5)
How to avoid lock-in
Ensure that minimum energy performance requirements keep the pace with technological progress and market uptake (EPBD Art. 4 and 5)
Use public finance to support specific market failures, such as deep renovations, not business-as-usual interventions

# Thank you

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