

How Passive House helps with delivery of NZEBs

Speaker: Jessica Grove-Smith
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This document is a shortened version of the presentation held at the UK Passivhaus Conference 2014.

The full version is available to all members of the International Passive House Association (iPHA), and therefore all members of its affiliate the Passivhaus Trust, on iPHA's homepage www.passivehouse-international.org

Click on this [LINK](#) to access the full presentation.

2019: all public buildings
2021: all buildings

2010/31/EU



**“Nearly zero-energy buildings”
(NZEB)**

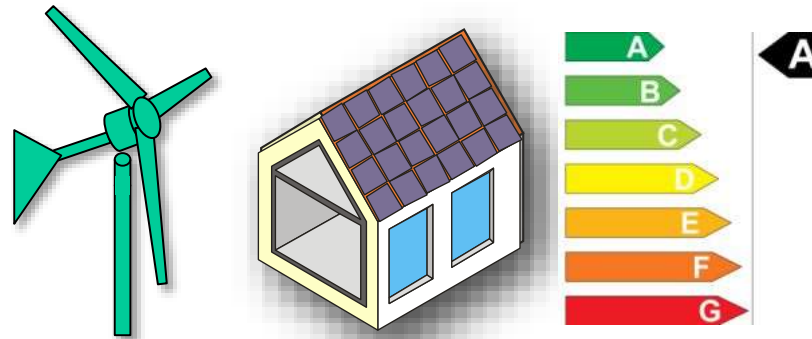
with energy requirements at the
“cost-optimal level”



Definition of “nearly zero-energy building”: (article 2, section 2)

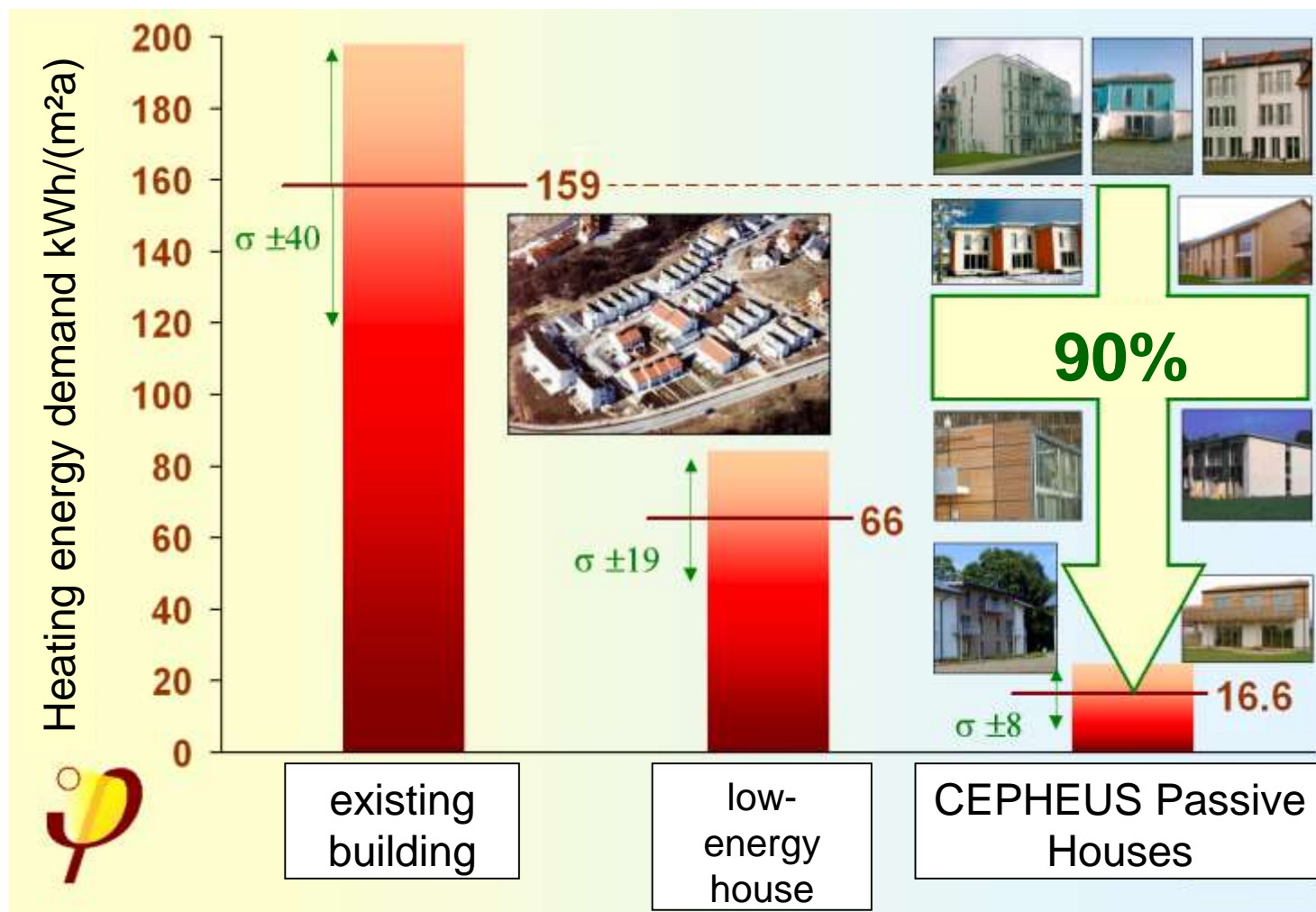
“... a building that has **a very high energy performance**, as determined in accordance with Annex I.

The nearly zero or very low amount of energy required should be covered to a very significant extent by energy from renewable sources, including energy from **renewable sources produced on-site or nearby”**



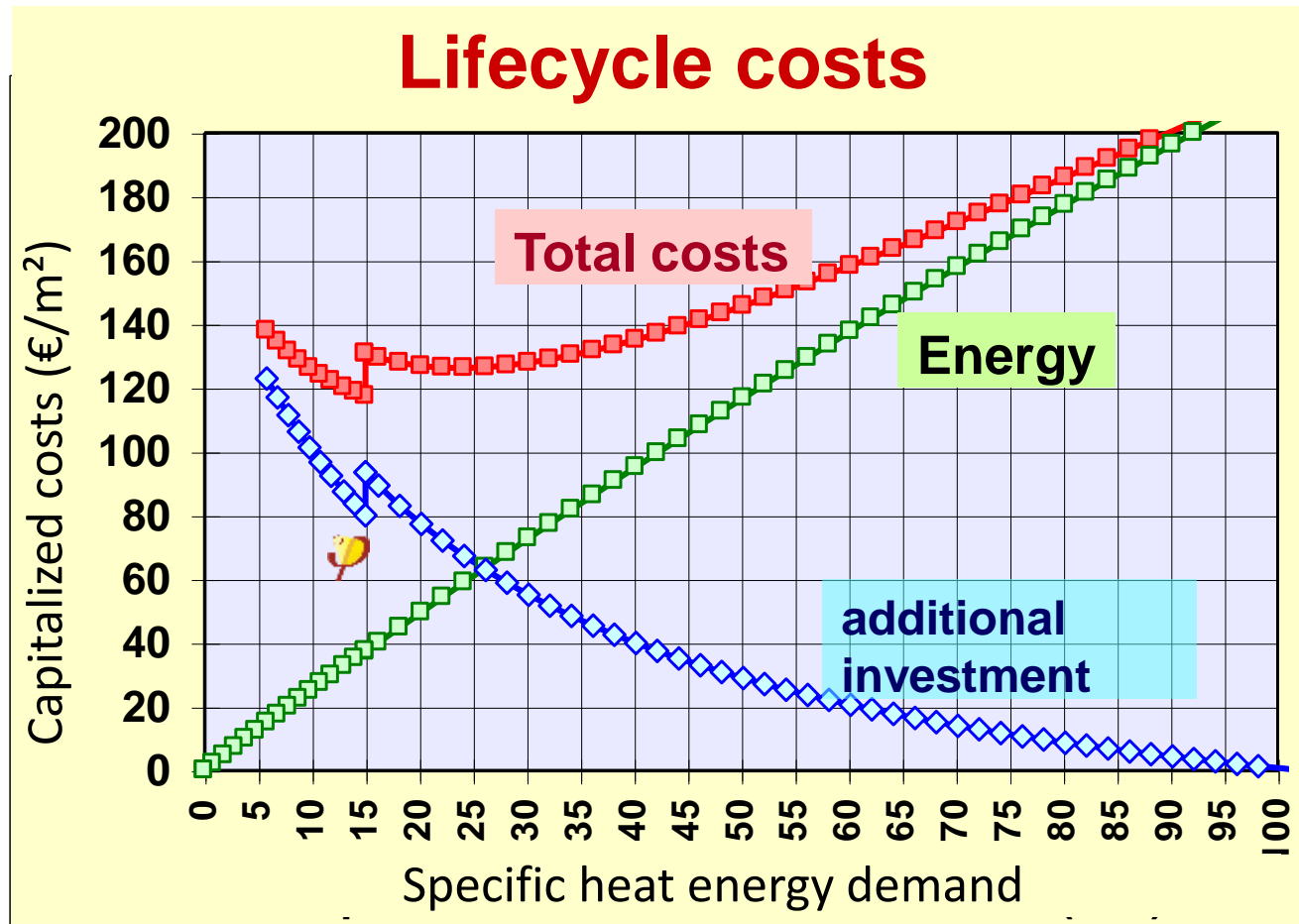
Passivhaus = High Energy Performance

Field projects prove that energy saving are reliably achieved ...

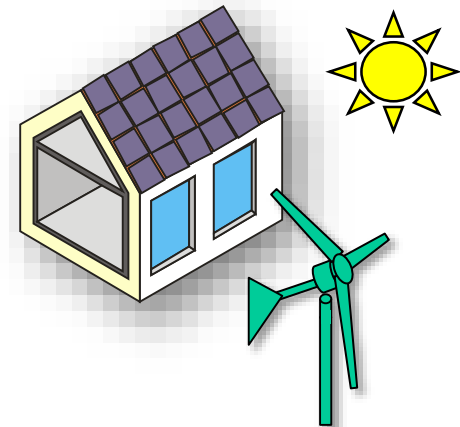
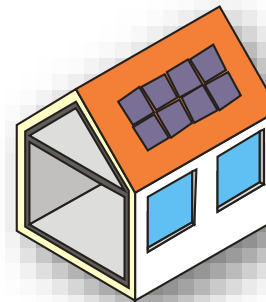
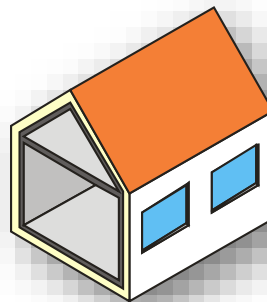


Passivhaus = Cost-optimum

Finding the balance between investment & energy saving costs



Details in afternoon
presentation:
Session 4
„standards & performance“



PH is the very foundation of NZEB!

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