

Energy Efficiency First – What Next?

Putting CO₂ back on the housing agenda

Parliamentary Breakfast 26.09.2017, Brussels

30 years of energetic modernisation



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Picture: ProPotsdam

From 1990 up to now

37% of all GdW-dwellings are completely and 30% partially energetically modernised

Before



and after **usually complete** modernisation



Typical energy use in kWh/m ² a	
180	80
Typical net rent in EUR/m ² month	
5	6
Typical energy costs in EUR/m ² month	
1.2	0.5

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Best practise for affordable renovation, energy saving and climate protection

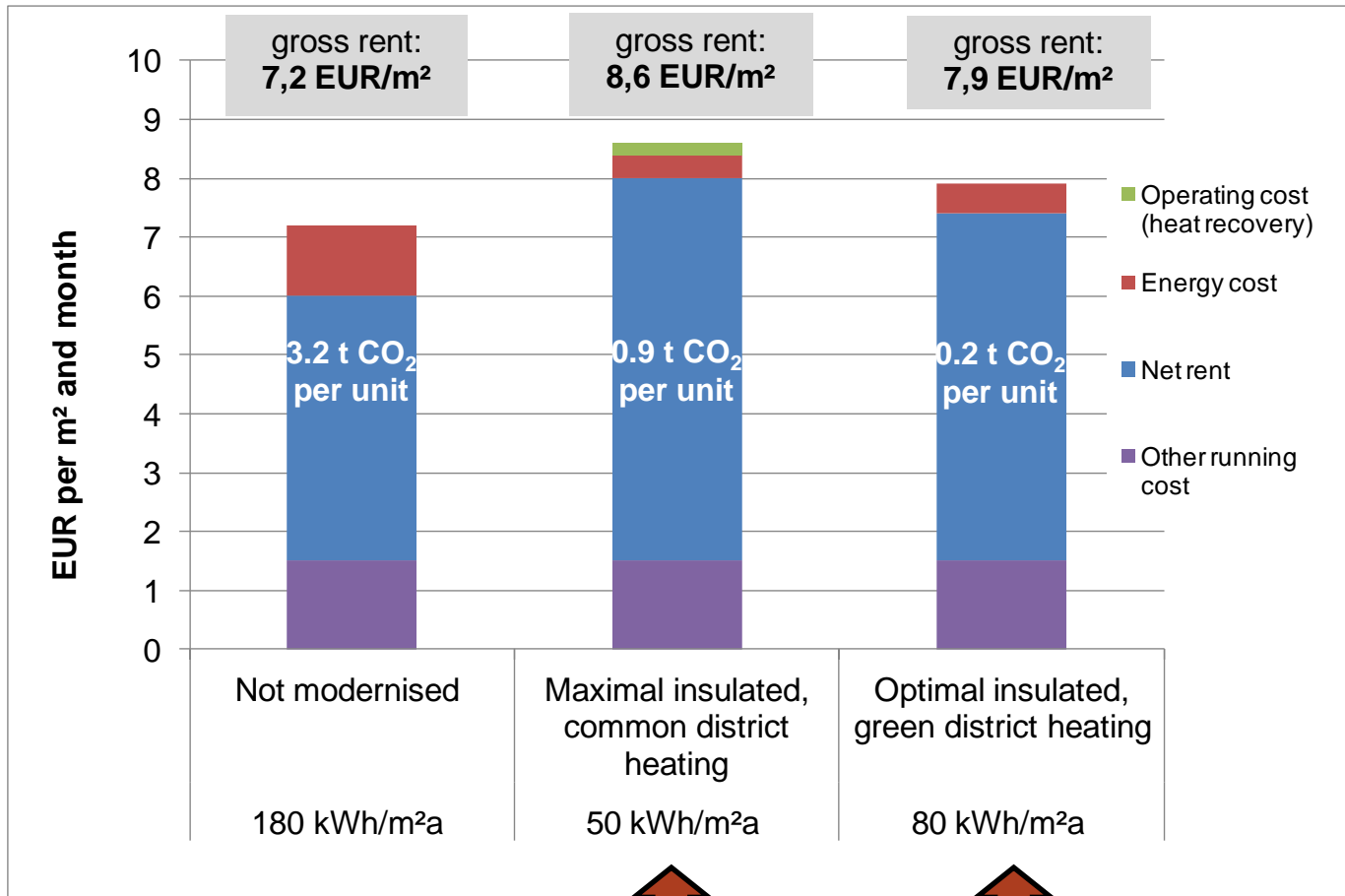


Foto: Ulf Böttcher



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Results and Conclusion



**EPBD
so far**

**EPBD as
proposed by GdW**

Optimal (instead of maximum) modernisation for affordable energy savings to be promoted by EPBD!

- **Achieving the optimum:**
reducing CO₂ emissions that are socially compatible, i.e. affordable
- **Four winners:**
 1. Society:
quicker reduction of CO₂ emissions
 2. Tenants:
affordable gross rent + low CO₂ housing
 3. Housing companies:
compliance with national and EU-criteria, economical measures
 4. District heating utilities:
economic business model for renewable energy in the heating sector

GdW proposal for building performance indicators

Introduction of CO₂ emissions and final energy as alternative energy performance indicators in EPBD