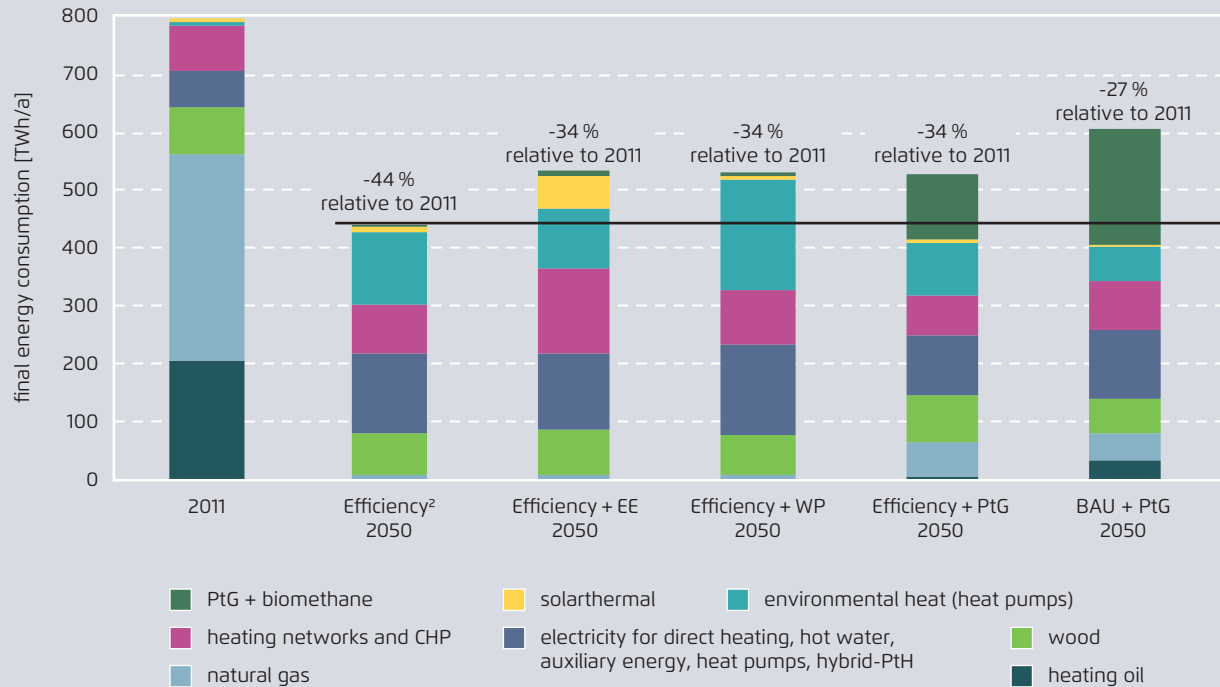


Different strategies to achieve the goals in the scenarios – Presentation of final energy consumption and their percentage reduction vs. 2011 in the building sector in 2050

Figure 3



**Boundary Conditions of Scenarios:**

- GHG reduction according to:
  - energy concept (-87.5% in 2050)
  - Climate Protection Plan
  - Effort Sharing Decision
  - population development with increased immigration

**Scenario Names:**

- Efficiency<sup>2</sup>
- Efficiency + Renewable Energies (EE)
- Efficiency + Heat Pumps (WP)
- Efficiency + Power-to-Gas (PtG)
- Business as Usual (BAU) + Power-to-Gas (PtG)