

## **SESSION II: TACKLING GLOBAL WARMING – AN OPPORTUNITY FOR EUROPE**

### **The Contribution of Polyurethanes as Insulation Material**

#### **ISOPA**

European Diisocyanate and Polyols Producers Association

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# About ISOPA

**Construction**



**Furniture**



**Automotive**



**Electronics**



**Appliances**



**Sports/Leisure**



**Footwear**



## ISOPA members



The Chemical Company



Enriching lives through innovation



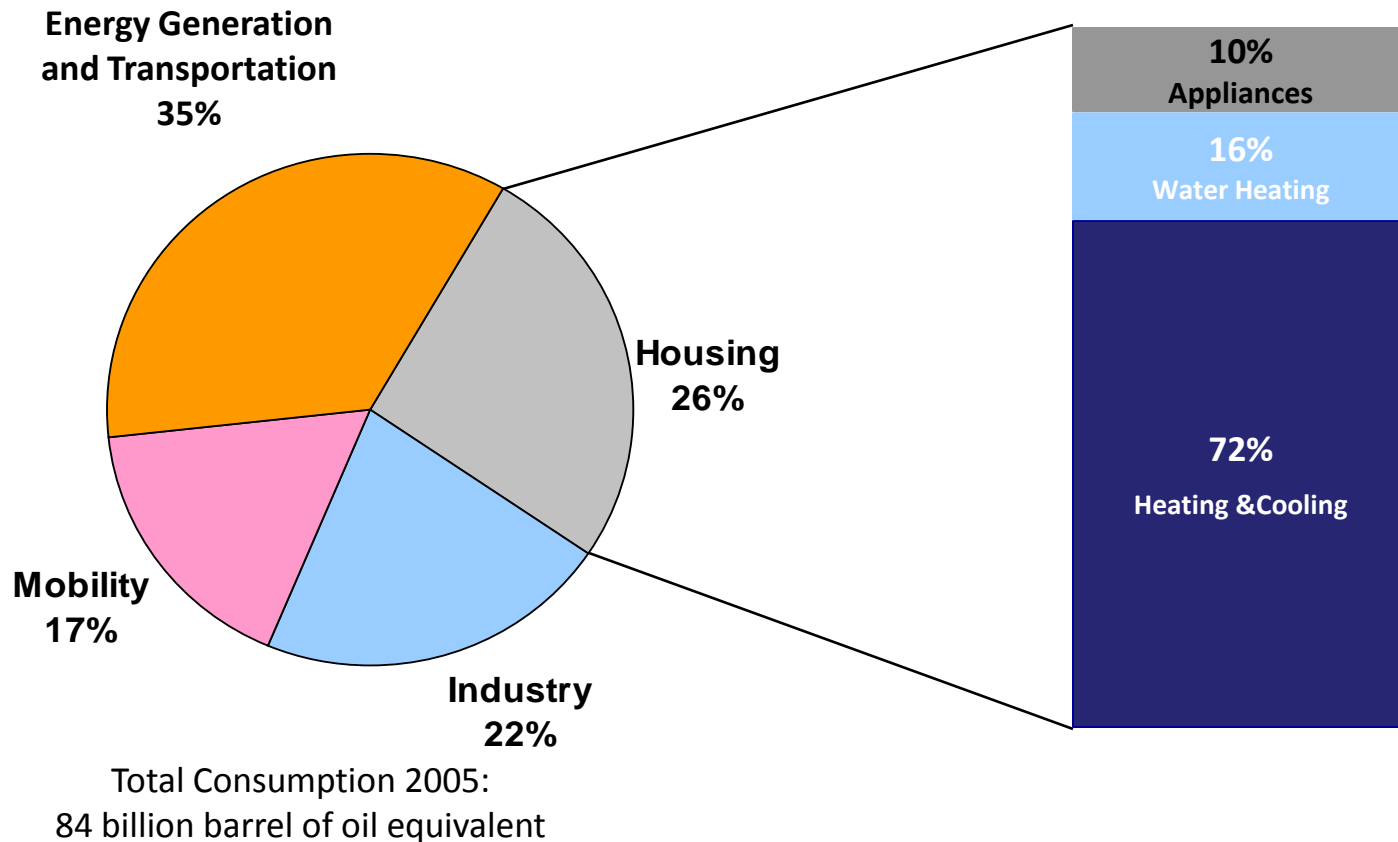
Shell Chemicals



Bayer MaterialScience



# A large amount of energy is consumed in the heating or cooling of buildings



# IPCC: The building sector bears the greatest abatement potential ...

**...that can be reached with cost  
effective measures**

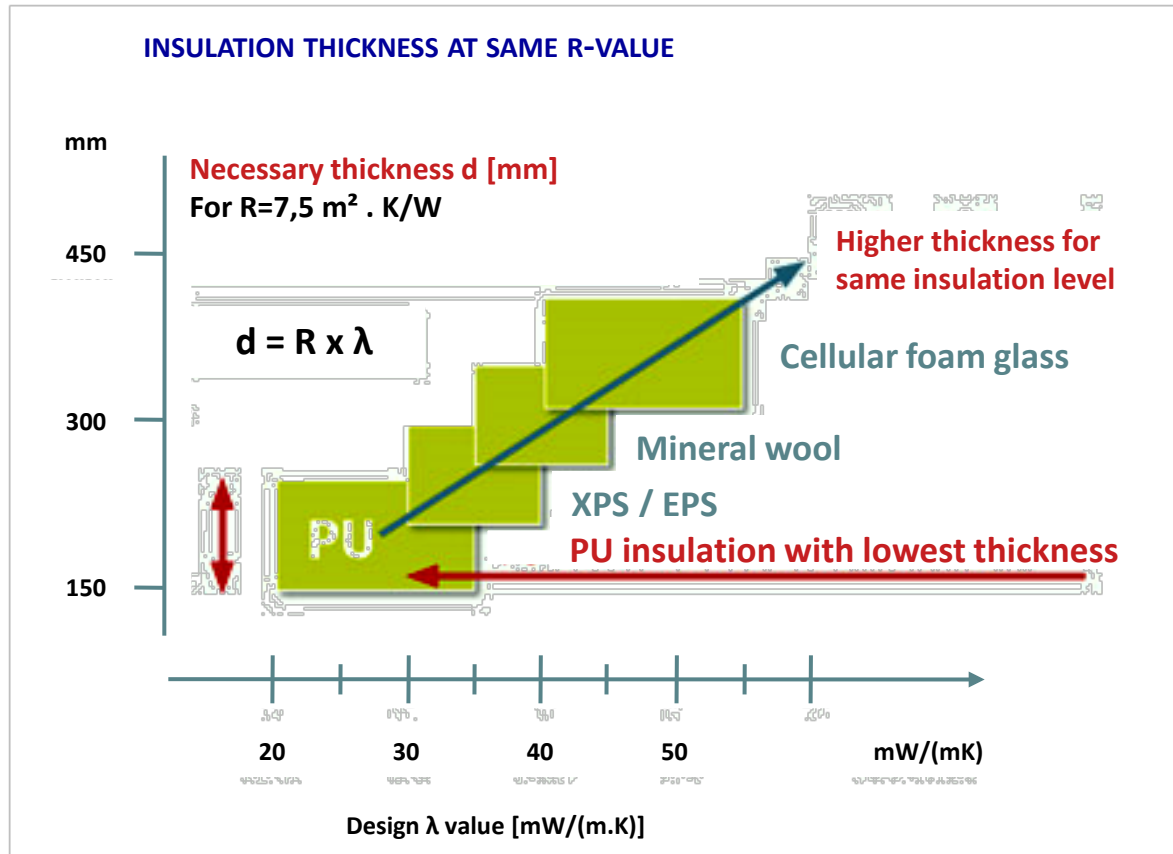


## Building insulation is crucial for saving energy





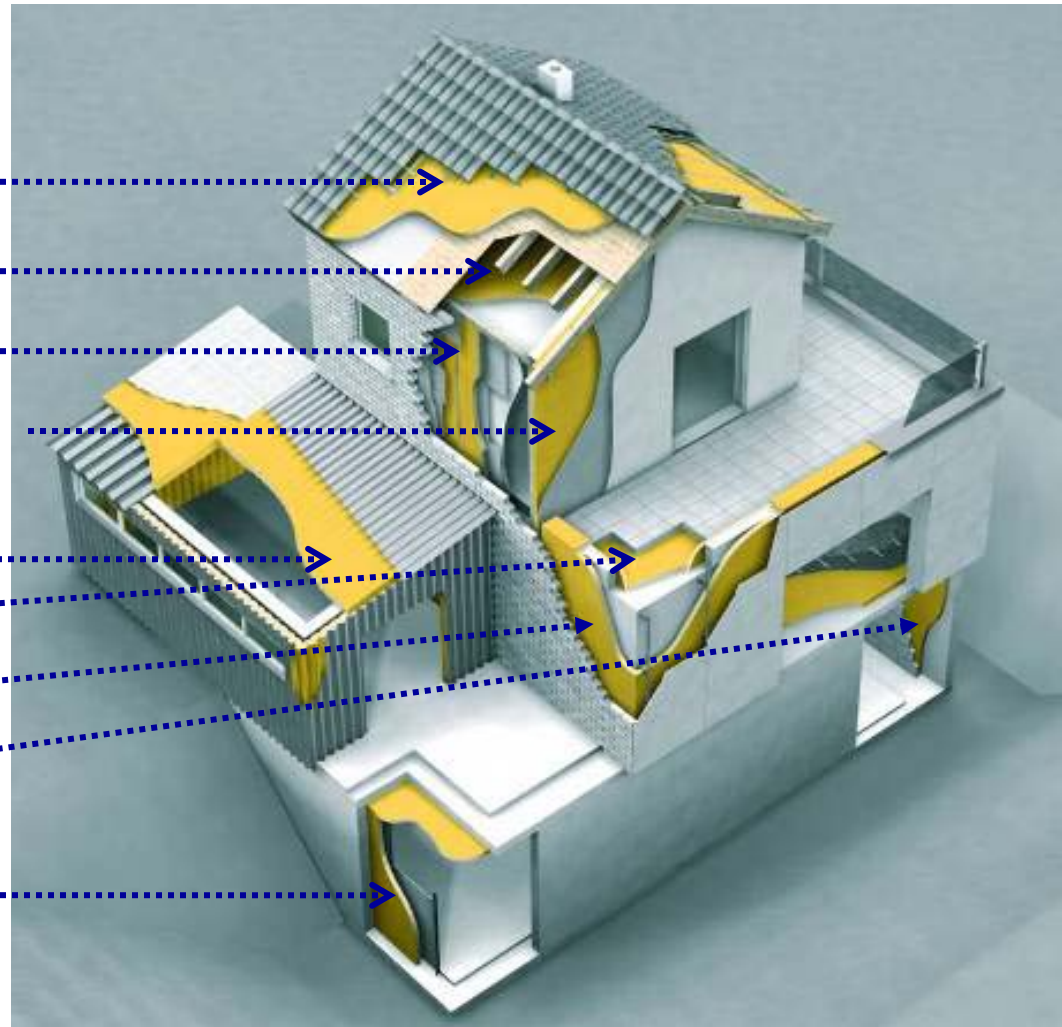
# PU insulation is highly efficient for refurbishment of existing houses – and for new buildings



# Polyurethanes are widely used in house insulation

PU can be used in:

- Pitched Roof .....
- Loft .....
- Curtain Wall .....
- EIFS (Exterior Insulation Finished Systems) .....
- Flat Roof .....
- Floor .....
- Cavity Wall .....
- Interior Wall .....
- Perimeter .....





# Polyurethanes Industry in Europe

## Direct:

- 24,000 companies
- 800,000 workers
- Market value generated: €130 billion

## Indirect:

- 71,000 companies
- 2,040,000 workers



# PU offers multiple benefits to economy and society





## Way forward



## Way forward





European Diisocyanate & Polyol  
Producers Association



**Thank you for your attention**