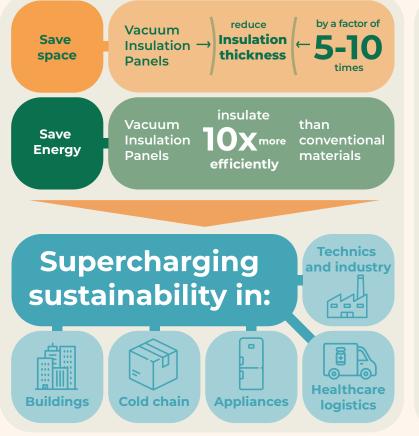
### Vacuum Insulation Panels (VIPs):

# The future of insulation

## **#VIPA4Climate**



#### Insulating material comparison: for a U-value of 0.35 W/(m²k)

200mm mineral wool

100mm expanded polystyrol

60mm polyurethane

20mm VIP

#### VIPS ARE MADE OF TWO MAJOR ELEMENTS:

A rigid, highly-porous core material (such as fumed silica or glass fibres)

#### 2

A thin, gas-tight outer envelope (made from material like aluminium, stainless steel, or glass) encapsulating the core

#### THE INTERACTION OF A POROUS CORE SEALED INSIDE A VACUUM RESULTS IN:

- S Extremely high thermal resistance
- ✓ A very thin and compact package
- 🟹 Long-term stability when the
- envelope is protected from damage
- $\bigotimes$  All this, and they're recyclable too!





The Vacuum Insulation Panel Association is a global trade association representing the interests of companies in the VIP sector.

### **OUR MEMBERS:**



Take advantage of networking opportunities worldwide





Are informed about important policy and new developments



Can help influence policymakers at a global scale

## **Discover all the benefits:** Reach out today!



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