

FORMALDEHYDE AND SUSTAINABILITY



A sector group of Cefic
European Chemical Industry Council – Cefic aisbl

CARBON SAVER



70% of greenhouse gas emissions in the chemical industry are caused by the production processes of the most important basic chemicals e.g. hydrogen and methanol.¹

The **CO₂** from these processes **can be captured** and used in the production of formaldehyde-based resins.

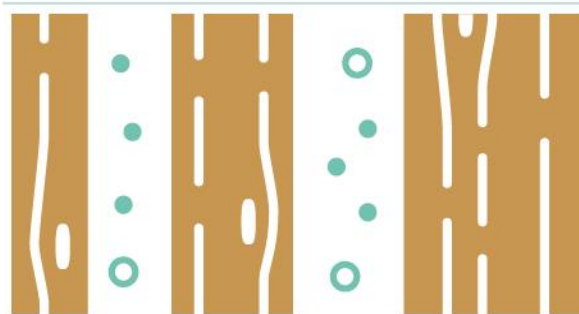


DID YOU KNOW?

1 tonne of urea used in urea-formaldehyde glues is estimated to store 0.7 tonnes of **CO₂**²

These resins store **CO₂** and are used for a number of purposes including as a glue for wooden furniture.

These adhesives bind wood together and act as a sustainable carbon sink keeping **CO₂** **locked inside** the formaldehyde-based resins for several decades.



REFERENCES: ¹ BASF 'BASF develops process for climate-friendly methanol' May 2019

² FertilizersEurope 'Carbon capture and utilization in the European fertilizer industry'