

FORMALDEHYDE AND SUSTAINABILITY

ENABLING A CIRCULAR ECONOMY

Formaldehyde plays important role in the circular economy
by enabling the re-use of recycled wood and wood waste by-products



In addition to storing **CO₂**,
urea-formaldehyde glues ensure
forest thinnings, sawmill products
and other wood waste can be
re-used in particle boards.

DID YOU KNOW?

More than **50%** of the wooden
biomass raw material of the
wood-based panels industry is
recycled or an industrial by-product¹

This helps lock up an important
quantity of carbon that would
otherwise have returned to the
atmosphere through rotting or
incineration of the waste.

Formaldehyde-binder panels
also have a demonstrated
recycling potential, unlike
competing chemistries.

The formaldehyde value chain has
been actively involved in the strong
development of the market for
recycled particle boards in recent
years, helping enable a fully circular
approach in the wood panel sector.



DID YOU KNOW?

Recovered wood made up **95%**
of particle board production in Italy²,
in 2019