

## UNILIN panels | Furniture boards produced from recovered wood



*Post-consumer wood from urban areas is collected, cleaned and processed in high tech recycling plants to re-convert into viable raw material for quality board products for furniture and interior use.*

UNILIN represents one of the most advanced recycling systems for valorizing post-consumer wood waste streams on large industrial scale. It relies on an established collection system and supplier network. Cascading wood reduces the need for fresh roundwood and prolongs the carbon capture. Particle boards from recovered wood are a prime case for Circular Economy in the sector. Highlights of innovative features :

- Large investments in high tech sorting and cleaning equipment enables the processing of huge volumes of demolition and urban waste: up to 1 million tons are recycled into panels per year.
- Chipboards are produced with up to 90% recycled wood.
- To offset carbon emissions, factories are powered 70-90% by renewable energy from wood waste that cannot be recycled.
- Partnerships with a large supplier network including container parks, demolition firms, packaging and furniture industries ensure the recovery of large wood volumes that are no longer usable for other processes.

## **DETALII**

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**SURSA DE LEMN**

Lucrări de demolare

**TIPUL DE LEMN**

Lemn reciclat sau reziduu din lemn

**POTENȚIALUL DE MOBILIZARE**

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**POTENȚIAL DE SUSTENABILITATE - VALOARE**

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**TIPUL DE LEMN ÎN CAUZĂ****FACILITATEA DE IMPLEMENTARE**

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**IMPACTUL ASUPRA MEDIULUI ȘI BIODIVERSITĂȚII****FACILITATEA DE IMPLEMENTARE - EVALUARE**

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**EFFECT ASUPRA VENITURILOR****CONDIȚII CHEIE PREALABILE**

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**POTENȚIAL DE EXPLOATARE****TIPUL DE EVENIMENT LA CARE A FOST PREZENTAT ACEST IPB**

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**HUB****EFFECT ASUPRA LOCURILOR DE MUNCĂ**

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**IMPACT ECONOMIC****COSTURI PENTRU IMPLEMENTARE (EURO - €)**

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**CUNOȘTINȚE SPECIFICE NECESARE**

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## MAI MULTE DETALII

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PROVOCARE ABORDATĂ	DOMAIN	TIP DE SOLUȚIE
6. Creșterea bioeconomiei forestiere prin utilizarea circulară și produse cu valoare adăugată	Industrii forestiere, economie bio / circulară	Produse circulare, pe bază de bio
CUVINTE CHEIE	SOLUȚIE DIGITALĂ	INOVAȚIE
recovered wood; waste wood; recycling; wood-based panels	Da	Da

ȚARA DE ORIGINE	SCARA DE APLICARE	ANUL DE ÎNCEPUT și DE SFÂRȘIT
Belgia	Regional/ sub-național	--

## DATE DE CONTACT

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PROPRIETAR SAU AUTOR	REPORTER
UNILIN Panels	InnovaWood asbl
www.unilinpanels.com	Uwe Kies uwe.kies@innovawood.eu

## REFERENCES AND RESOURCES

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PAGINĂ WEB	RESURSE
<a href="https://www.unilinpanels.com/en">https://www.unilinpanels.com/en</a>	--
WEBSITE PROJECT	
<a href="http://www.woodcircus.eu">www.woodcircus.eu</a>	

## REFERINȚĂ PROIECT

WoodCircus - Horizon 2020 no. 820892, 2018-2021



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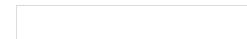
PROIECTUL ÎN CADRUL CĂRUIA A FOST CREATă ACEASTă Fișă INFORMATIVă

Rosewood 4.0

DATA POSTăRII

24 Noi 2021

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY



Centro de Servicios y Promoción Forestal  
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