

## 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.

## PODROBNOSTI

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### IZVOR LEŠA

Rušitvena dela

### TIP LEŠA

Recikliran in odpadni les

### POTENCIJAL ZA MOBILIZACIJO

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### TRAJNOST - VREDNOST

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### VRSTA OBRAVNAVANEGA LEŠA

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### ENOSTAVNOST IZVEDBE

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### VPLIV NA OKOLJE IN BIODIVERZITETO

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### ENOSTAVNOST IZVEDBE - OCENJEVANJE

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### VPLIV NA PRIHODKE

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### KLJUČNI PREDPOGOJI

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### POTENCIJAL IZKORIŠČANJA

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### VRSTA DOGODKA, NA KATEREM JE BIL PREDSTAVLJEN TA BPI

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### VOZLIŠČE

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### VPLIV NA DELOVNA MESTA

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### GOSPODARSKI VPLIV

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### STROŠKI IZVEDBE (EURO - €)

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### POTREBNO SPECIFIČNO ZNANJE

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**VEČ  
PODROBNOSTI**

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<b>IZZIV</b>	<b>DOMENA</b>	<b>TIP REŠITVE</b>
6. Napredok krožnega bio-gospodarstva na podlagi dodane vrednosti gozdnih proizvodov	Gozdno-lesna industrija, krožno gospodarstvo	Bio-osnovani izdelki
<b>KLJUČNE BESEDE</b>	<b>DIGITALNE REŠITVE</b>	<b>INOVACIJA</b>
recovered wood; waste wood; recycling; wood-based panels	Da	Da
<b>IZVORNA DRŽAVA</b>	<b>OBSEG UPORABE</b>	<b>ZAČETNO IN KONČNO LETO</b>
Belgija	Regionalni	--

**KONTAKTN  
PODATKI**

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<b>LASTNIK OZ. AVTOR</b>	<b>POROČEVALEC</b>
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**REFERENCES  
AND RESOURCES**

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<b>SPLETNA STRAN</b>
<a href="https://www.unilinpanels.com/en">https://www.unilinpanels.com/en</a>
<b>SPLETNA STRAN PROJEKTA</b>
<a href="http://www.woodcircus.eu">www.woodcircus.eu</a>

**REFERENCA PROJEKTA**

WoodCircus - Horizon 2020 no. 820892, 2018-2021

**VIRI**

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LOGOTIP DOBRE PRAKSE

LOGOTIP GLAVNE  
ORGANIZACIJE



PROJEKT, V OKVIRU KATEREGA SO BILI ZBRANI OSNOVNI PODATKI

Rosewood 4.0

DATUM OBJAVE

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

