

## 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 LESA

Rušitvena dela

### TIP LESA

Recikliran in odpadni les

### VRSTA OBRAVNAVANEGA LESA

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### VPLIV NA OKOLJE IN BIODIVERZITETO

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### VPLIV NA PRIHODKE

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### POTENCIAL IZKORIŠČANJA

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### VOZLIŠČE

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### GOSPODARSKI VPLIV

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### POTREBNO SPECIFIČNO ZNANJE

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### POTENCIAL ZA MOBILIZACIJO

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### TRAJNOST - VREDNOST

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### ENOSTAVNOST IZVEDBE

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### ENOSTAVNOST IZVEDBE - OCENJEVANJE

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### KLJUČNI PREDPOGOJI

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

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### VPLIV NA DELOVNA MESTA

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### STROŠKI IZVEDBE (EURO - €)

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## VEČ PODROBNOSTI

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### IZZIV

6. Napredek krožnega bio-gospodarstva na podlagi dodane vrednosti gozdnih proizvodov

### DOMENA

Gozdno-lesna industrija, krožno gospodarstvo

### TIP REŠITVE

Bio-osnovani izdelki

### KLJUČNE BESEDE

recovered wood; waste wood; recycling; wood-based  
panels

### DIGITALNE REŠITVE

Da

### INOVACIJA

Da

### IZVORNA DRŽAVA

Belgija

### OBSEG UPORABE

Regionalni

### ZAČETNO IN KONČNO LETO

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## KONTAKTNI PODATKI

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### LASTNIK OZ. AVTOR

UNILIN Panels

### POROČEVALEC

InnovaWood asbl

Uwe Kies

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[www.unilinpanels.com](http://www.unilinpanels.com)

## REFERENCES AND RESOURCES

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### SPLETNA STRAN

<https://www.unilinpanels.com/en>

### VIRI

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### SPLETNA STRAN PROJEKTA

[www.woodcircus.eu](http://www.woodcircus.eu)

### REFERENCA PROJEKTA

WoodCircus - Horizon 2020 no. 820892, 2018-2021



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PROJEKT, V OKVIRU KATEREGA SO BILI ZBRANI OSNOVNI PODATKI

Rosewood 4.0

DATUM OBJAVE

24 Nov 2021

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

