

## 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.

## DETALJI

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### PODRIJETLO DRVA

Radovi na dekonstrukciji

### VRSTA DRVA

Reciklirano ili otpadno drvo

### ODGOVARAJUĆA VRSTA DRVA

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### UTJECAJ NA OKOLIŠ I BIORAZNOLIKOST

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### UČINAK NA PRIHOD

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### POTENCIJAL ISKORISTIVOSTI

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### SREDIŠTE

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### GOSPODARSKI UČINAK

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### POTREBNA POSEBNA ZNANJA

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### POTENCIJAL ZA POVEĆANJE UPORABE DRVA

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### POTENCIJAL ODRŽIVOSTI - VRIJEDNOST

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### JEDNOSTAVNOST PROVEDBE

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### JEDNOSTAVNOST PROVEDBE - EVALUACIJA

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### KLJUČNI PREDUVJETI

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### VRSTA DOGAĐAJA NA KOJEM JE PRIKAZAN OVAJ BPI

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### UČINAK NA ZAPOŠLJIVOST

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### TROŠKOVI PROVEDBE (EURO - €)

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## VIŠE DETALJA

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### IZAZOV

6. Rast bioekonomije temeljene na šumi kroz kaskadnu uporabu i proizvode dodane vrijednosti

### DOMENA

Industrije utemeljene na šumama, bio / kružna ekonomija

### VRSTA RJEŠENJA

Kružno, bio-bazirani proizvodi

### KLJUČNE RIJEČI

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

### DIGITALNO RJEŠENJE

Da

### INOVACIJA

Da

### ZEMLJA PODRIJETLA

Belgija

### PODRUČJE PRIMJENE

Regionalno / podnacionalno

### POČETAK I KRAJ GODINE

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## KONTAKT PODATCI

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### VLASNIK ILI AUTOR

UNILIN Panels

### IZVJESTITELJ

InnovaWood asbl

Uwe Kies

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

## REFERENCES AND RESOURCES

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### GLAVNA WEB STRANICA

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

### WEB STRANICA PROJEKTA

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

### REFERENCA PROJEKTA

WoodCircus - Horizon 2020 no. 820892, 2018-2021

### IZVORI

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**LOGO PRIMJERA DOBRE PRAKSE**

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**LOGO GLAVNE ORGANIZACIJE**

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**PROJEKT U OKVIRU KOJEG JE INFORMATIVNI LIST KREIRAN**

Rosewood 4.0

**DATUM UNOSA**

24 stu 2021

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**A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY**

