# 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

### PODRIJETLO DRVA

Radovi na dekonstrukciji

### VRSTA DRVA

Reciklirano ili otpadno drvo

### ODGOVARAJUĆA VRSTA DRVA

--

### UTJECAJ NA OKOLIŠ I BIORAZNOLIKOST

--

### UČINAK NA PRIHOD

--

### POTENCIJAL ISKORISTIVOSTI

--

### SREDIŠTE

--

### GOSPODARSKI UČINAK

--

### POTREBNA POSEBNA ZNANJA

--

### POTENCIJAL ZA POVEĆANJE UPORABE DRVA

--

### POTENCIJAL ODRŽIVOSTI - VRIJEDNOST

--

### JEDNOSTAVNOST PROVEDBE

--

### JEDNOSTAVNOST PROVEDBE - EVALUACIJA

--

### KLJUČNI PREDUVJETI

--

### VRSTA DOGAĐAJA NA KOJEM JE PRIKAZAN OVAJ BPI

--

### UČINAK NA ZAPOŠLJIVOST

--

### TROŠKOVI PROVEDBE (EURO - €)

--

## VIŠE DETALJA

**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**

--

## KONTAKT PODATCI


**VLASNIK ILI AUTOR**

**UNILIN Panels**

www.unilinpanels.com

**IZVJESTITELJ**

**InnovaWood asbl**

Uwe Kies

uwe.kies@innovawood.eu


## REFERENCES AND RESOURCES

**GLAVNA WEB STRANICA**

https://www.unilinpanels.com/en

**WEB STRANICA PROJEKTA**

www.woodcircus.eu

**REFERENCA PROJEKTA**

WoodCircus - Horizon 2020 no. 820892, 2018-2021

**IZVORI**

--

LOGO PRIMJERA DOBRE PRAKSE

LOGO GLAVNE ORGANIZACIJE

PROJEKT U OKVIRU KOJEG JE INFORMATIVNI LIST KREIRAN

Rosewood 4.0

DATUM UNOSA

24 stu 2021

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 862681

A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY