

## 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.

## DETALJER

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### OPPRINNELSE FOR TRE

Rivning

### TYPE TRE

Returtre eller avfallstre

### TYPE TRE INVOLVERT

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### PÅVIRKNING PÅ MILJØ OG BIOLOGISK MANGFOLD

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### INNTEKTSEFFEKT

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### UTNYTTELSESPOTENSIAL

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### HUB

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### ØKONOMISK PÅVIRKNING

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### SPESIFIKKE KUNNSKAPSBEHOV

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### MOBILISERINGSPOTENSIAL

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### BÆREKRAFTPOTENSIAL - VERDI

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### ENKEL IMPLEMENTERING

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### ENKEL IMPLEMENTERING - EVALUERING

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### VIKTIGE FORUTSETNINGER

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### TYPE BEGIVENHET DER DENNE BPI HAR BLITT OMTALT

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### EFFEKT PÅ ARBEIDSPLASSER

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### KOSTNADER MED IMPLEMENTERING (EURO - €)

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## MER INFORMASJON

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### UTFORDRING ADRESSERT

6. Øke den skogbaserte bioøkonomien gjennom sirkulær bruk og merverdi produkter

### DOMENE

Skogindustri, bio/sirkulær økonomi

### TYPE LØSNING

Sirkulære, biobaserte produkter

### NØKKEWORD

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

### DIGITAL LØSNING

Ja

### INNOVASJON

Ja

### OPPRINELSESLAND

Belgia

### POTENSIALE

Regional/deler av landet

### START OG SLUTT ÅR

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## KONTAKT INFORMASJON

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### EIER ELLER FORFATTER

UNILIN Panels

### RAPPORTØR

InnovaWood asbl

Uwe Kies

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

## REFERENCES AND RESOURCES

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### HJEMMESIDE (HOVEDSIDE)

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

### PROSJEKTETS HJEMMESIDE

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

### REFERANSE TIL PROSJEKT

WoodCircus - Horizon 2020 no. 820892, 2018-2021

### RESSURSER

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LOGO FOR BESTE  
PRAKSIS

LOGO FOR HOVEDORGANISASJON



PROSJEKT SOM DETTE FAKTAARKET ER OPPRETTET UNDER

Rosewood 4.0

INNLEGGSDATO

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

