

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

OPPRINNELSE FOR TRE

Rivning

TYPE TRE

Returtre eller avfallstre

MOBILISERINGSPOTENSIAL

--

BÆREKRAFTPOTENSIAL - VERDI

--

TYPE TRE INVOLVERT

--

ENKEL IMPLEMENTERING

--

PÅVIRKNING PÅ MILJØ OG BIOLOGISK MANGFOLD

--

ENKEL IMPLEMENTERING - EVALUERING

--

INNTEKTSEFFEKT

--

VIKTIGE FORUTSETNINGER

--

UTNYTTELSESPOTENSIAL

--

TYPE BEGIVENHET DER DENNE BPI HAR BLITT OMTALT

--

HUB

--

EFFEKT PÅ ARBEIDSPLASSER

--

ØKONOMISK PÅVIRKNING

--

KOSTNADER MED IMPLEMENTERING (EURO - €)

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SPESIFIKKE KUNNSKAPSBEHOV

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MER INFORMASJON

UTFORDRING ADRESSERT	DOMENE	TYPE LØSNING
6. Øke den skogbaserte bioøkonomien gjennom sirkulær bruk og merverdi produkter	Skogindustri, bio/sirkulær økonomi	Sirkulære, biobaserte produkter
NØKKELORD	DIGITAL LØSNING	INNOVASJON
recovered wood; waste wood; recycling; wood-based panels	Ja	Ja
OPPRINELSESLAND	POTENSIALE	START OG SLUTT ÅR
Belgia	Regional/deler av landet	--

KONTAKT INFORMASJON

EIER ELLER FORFATTER	RAPPORTØR
UNILIN Panels	InnovaWood asbl
www.unilinpanels.com	Uwe Kies uwe.kies@innovawood.eu

REFERENCES AND RESOURCES

HJEMMESIDE (HOVEDSIDE)	RESSURSER
https://www.unilinpanels.com/en	--
PROSJEKTETS HJEMMESIDE	
www.woodcircus.eu	

REFERANSE TIL PROSJEKT

WoodCircus - Horizon 2020 no. 820892, 2018-2021

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



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