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

TYPE TRE INVOLVERT

--

PåVIRKNING På MILJø OG BIOLOGISK MANGFOLD

--

INNTEKTSEFFEKT

--

UTNYTTELSESPOTENSIAL

--

HUB

--

ØKONOMISK PåVIRKNING

--

SPESIFIKKE KUNNSKAPSBEHOV

--

MOBILISERINGSPOTENSIAL

--

BæREKRAFTPOTENSIAL - VERDI

--

ENKEL IMPLEMENTERING

--

ENKEL IMPLEMENTERING - EVALUERING

--

VIKTIGE FORUTSETNINGER

--

TYPE BEGIVENHET DER DENNE BPI HAR BLITT OMTALT

--

EFFEKT På ARBEIDSPLASSER

--

KOSTNADER MED IMPLEMENTERING (EURO - €)

--

MER INFORMASJON

UTFORDRING ADRESSERT

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

DOMENE

Skogindustri, bio/sirkulær økonomi

TYPE LøSNING

Sirkulære, biobaserte produkter

NøKKELORD

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

EIER ELLER FORFATTER

UNILIN Panels

www.unilinpanels.com

RAPPORTøR

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REFERENCES AND RESOURCES

HJEMMESIDE (HOVEDSIDE)

https://www.unilinpanels.com/en

PROSJEKTETS HJEMMESIDE

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

