ReWin



Development and commercialization of wooden windows made of old, discarded wood, with special emphasis on wooden beams

The operation reduces the amount of discarded wood, which is otherwise deposited at landfills or burned. A new service life is given to old wood and its lifetime is extended, which directly influence the prolongation of CO2 storage. The key sources of old wood will are defined, technological solutions for the use of such wood was developed and procedures for the production of windows were developed in cooperation with R&D institutions with an emphasis on the analysis of contaminated wood, physical properties of wood and the appropriate surface treatment of such products.

M Sora has developed a prototype of a timber window ReWin made of disposed timber. ReWin window is a unique example of a product that was developed by recycling the disposed timber that would otherwise end up at landfill, and represents a completely fresh idea and innovation in the field of builders' joinery.

DETAILS

HERKUNFT DES HOLZES

Rückbauarbeiten

ART DES HOLZES

Recyceltes oder Abfallholz

ART DES BETROFFENEN HOLZES

Recycled wood, discarded wood

AUSWIRKUNGEN AUF UMWELT UND BIODIVERSITäT

Reuse of old wood

EINKOMMENSEFFEKT

Positive / new technology

VERWERTUNGSPOTENZIAL

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NABE

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WIRTSCHAFTLICHE AUSWIRKUNGEN

Enhancement of regionally added value / more efficient working processes /active learning

SPEZIFISCHES WISSEN ERFORDERLICH

Knowledge on wood properties and the appropriate surface treatment of

MOBILISIERUNGSPOTENZIAL

all well preserved construction wood

POTENZIAL FüR NACHHALTIGKEIT - WERT

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LEICHTE IMPLEMENTIERUNG

Funds and knowledge to develop windows from discarded wood

LEICHTE IMPLEMENTIERUNG - BEWERTUNG

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WICHTIGE VORAUSSETZUNGEN

Funds and knowledge to develop window from discarded wood

ART DER VERANSTALTUNG, AUF DER DIESE BPI VORGESTELLT WURDE

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ARBEITSPLATZEFFEKT

Better qualified staff

KOSTEN DER IMPLEMENTIERUNG (EURO - €)

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MEHR DETAILS

ANGESPROCHENE HERAUSFORDERUNG

6. Ausbau der forstbasierten Bioökonomie durch zirkuläre Nutzung und Produkte mit Mehrwert

DOMäNE

Holzbau-Industrie

Forschung und Entwicklung

ART DER LöSUNG

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SCHLüSSELWöRTER

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DIGITALE LöSUNG

Nein

INNOVATION

Nein

HERKUNFTSLAND

Slowenien

UMFANG DER ANWENDUNG

Lokal

ANFANGS- UND ENDJAHR

2017 - 2018

KONTAKTDATEN

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REFERENCES AND RESOURCES

HAUPT-WEBSITE

http://www.m-sora.si/en/

PROJEKT-WEBSITE

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PROJEKT-REFERENZ

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RESSOURCEN

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PROJEKT, IN DESSEN RAHMEN DIESES FACTSHEET ERSTELLT WURDE

Rosewood

BEITRAGSDATUM

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY