EGGER wood waste recycling



EGGER commissioned in Romania both a recycling facility at the production plant and public waste wood collection points to enable local waste wood flows.

Egger Romania invested in resource saving technology and included recycling in the process. Up to 18% of the wood used in Romanian factories are recycling material. They process waste wood from furniture, pallets, wooden packaging materials, construction and demolition, that meets the requirements of the applicable directives and inspection systems. The material is also inspected visually and contaminated wood is separated for thermal use. In Romania, the EGGER Group runs its own recycling enterprises under the name Timberpak.

Suitable recycled wood is processed there and used for chipboard production. Large volumes of by-products and recyclable wood are generated by the plants. The company upgrades them into materials or uses them to generate environmentally friendly heat and electricity. With EGGER wood-based materials, the company established good environmental performance of the urban wood material. The objective of a closed loop material cycle is, on the one hand, to reuse all waste and by products as efficiently as possible, and on the other hand, to make substances used in the product available again for production at the end of the product life cycle, by implementing optimal recycling. The possibility of a closed material cycle should be taken into account even during the preliminary stage of product planning in conjunction with product design. Re-use of materials that were already used in products and have passed through a usage phase. The great challenge is to separate materials so that they become again source materials for new products. The collection division of recycled wood and the recycling installation of wood from Romania are the EGGER's solution for a secondary, sustainable life cycle of materials based on wood.

The recycling wood quantities which were elaborated and recycled in 2016 by EGGER Romania replaced the potential of usage of 35,000 hectares of forests. The company has a unique wood recycling installation in Romania, dedicated and used exclusively for this purpose. At Romanian level, EGGER uses in average 17 % recycled wood for the production of panels based on wood in 2018. Last year, EGGER Romania reached a level of approximately 8 % and in the half of 2017, while in 2017 reach 15 % of recycled wood, and it was estimated a share of 17 % for the second half of 2017. The objective for 2020 is to recycle more

than 150,000 tonnes of materials based on wood, annually, equivalent to more than 30 % of the volume of wood from forest works, according to Ioan Banciu, technical director of EGGER Eastern Europe division.

DETALII

SURSA DE LEMN

Lucrări de demolare

TIPUL DE LEMN

Lemn reciclat sau reziduu din lemn

TIPUL DE LEMN îN CAUZă

Waste wood from furniture, pallets, wooden packaging materials, construction and demolition

IMPACTUL ASUPRA MEDIULUI șI BIODIVERSITățII

Replaced the potential of usage of 50,000 hectares of forests in Romania

EFECT ASUPRA VENITURILOR

N/A

POTENțIAL DE EXPLOATARE

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HUB

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IMPACT ECONOMIC

24 mil € investment, cost effects 60 €/t

CUNOșTINțE SPECIFICE NECESARE

Sustainable product management, basic materials and environment.

POTENțIALUL DE MOBILIZARE

100.000 tone/year

POTENțIAL DE SUSTENABILITATE - VALOARE

--

FACILITATEA DE IMPLEMENTARE

Medium

FACILITATEA DE IMPLEMENTARE - EVALUARE

--

CONDIțII CHEIE PREALABILE

--

TIPUL DE EVENIMENT LA CARE A FOST PREZENTAT ACEST IPB

--

EFECT ASUPRA LOCURILOR DE MUNCă

50

COSTURI PENTRU IMPLEMENTARE (EURO - €)

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MAI MULTE DETALII

PROVOCARE ABORDATă

6. Creșterea bioeconomiei forestiere prin utilizarea circulară și produse cu valoare adăugată

DOMAIN

Industrii forestiere, economie bio / circulară

Industria energiei din lemn

TIP DE SOLUȚIE

Platforme de colaborare, hub-uri logistice

CUVINTE CHEIE

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

SOLUȚIE DIGITALă

Nu

INOVAȚIE

Da

ȚARA DE ORIGINE

România

SCARA DE APLICARE

Național

ANUL DE îNCEPUT șI DE SFâRșIT

2016 - 2018

DATE DE CONTACT

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REFERENCES AND RESOURCES

PAGINă WEB

https://www.egger.com/shop/ro_RO/

WEBSITE PROJECT

www.woodcircus.eu

REFERINță PROIECT

WoodCircus, Horizon 2020 no. 820892, 2018-2021

RESURSE

EGGER - Good practice factsheet WoodCircus

DESPRE EXEMPLUL DE BUNă PRACTICă

A PRINCIPALEI ORGANIZAțII

EGGER

PROIECTUL îN CADRUL CăRUIA A FOST CREATă ACEASTă FIșă INFORMATIVă

Rosewood 4.0

DATA POSTăRII

1 Oct 2019

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

cesefor
Centro de Servicios y Promoción Forestal y de su Industria de Castilla y León