Cascading use of wood

Wooden raw material is during production process in Spačva Ltd. fully utilized. In every processing step, one final product it is created, and potential of ash use as fertilizer is being researched.

Different parts of wood are used:

- bark as fuel for boiler-room,

- energy produced is used for biomass dryers, lumber and veneer dry kilns, steaming of logs and heating of press machine and industrial space,

- saw dust and leftovers are used for pellets production and low-quality veneer parts

- flitch residues, after veneer slicing, are dyed in dying kilns and processed in saw-mill,

- more quality parts are used for floors and doors production, while low quality parts and residues after precise cutting of the veneer are used for pellet and briquette production,

- veneer sheets are used for production of final products,

- elements from finishing saw-mill are used for floor and door production and its residues for briquette and pellet production.

In that way of production organization, efficiency in using of forest resources in the form of logs, is significantly increased.

As a result, company expended its product line, increased productivity, competitiveness and market share.

Still, there are opportunities for enhancement in new technologies and new possibilities for ash exploitation. Cogeneration project is in preparation for bringing additional cascade in cascading use of wood and to bring additional added value in this value chain. Also, there are possibilities for re-using and recycling of

final products as veneer, floors and doors after their end of lifetime.

DETALJER

OPPRINNELSE FOR TRE

--

TYPE TRE

--

TYPE TRE INVOLVERT

--

PåVIRKNING På MILJø OG BIOLOGISK MANGFOLD

--

INNTEKTSEFFEKT

--

UTNYTTELSESPOTENSIAL

--

HUB

Sørøst-knutepunkt

ØKONOMISK PåVIRKNING

--

SPESIFIKKE KUNNSKAPSBEHOV

--

MOBILISERINGSPOTENSIAL

--

BæREKRAFTPOTENSIAL - VERDI

Veldig positivt

ENKEL IMPLEMENTERING

--

ENKEL IMPLEMENTERING - EVALUERING

Medium

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

Circular Economy

bioeconomy.

DIGITAL LøSNING

--

INNOVASJON

Nei

OPPRINELSESLAND

Kroatia

POTENSIALE

Lokal

START OG SLUTT åR

2012 -

KONTAKT INFORMASJON

EIER ELLER FORFATTER

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RAPPORTøR

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REFERENCES AND RESOURCES

HJEMMESIDE (HOVEDSIDE)

https://spacva.eu/

PROSJEKTETS HJEMMESIDE

--

REFERANSE TIL PROSJEKT

--

RESSURSER

--

LOGO FOR BESTE PRAKSIS

LOGO FOR HOVEDORGANISASJON

SPAČVA®

PROSJEKT SOM DETTE FAKTAARKET ER OPPRETTET UNDER

Rosewood

INNLEGGSDATO

16 sep 2019

ROSEWOOD 4.0 Sustainable Wood for Europe

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 862681

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

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