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.

DETTAGLI

ORIGINE DEL LEGNO

--

TIPO DI LEGNO

--

TIPO DI LEGNO IN QUESTIONE

--

IMPATTO SULL'AMBIENTE E LA BIODIVERSITà

--

EFFETTO SUL REDDITO

--

POTENZIALE DI SFRUTTAMENTO

--

HUB

Polo sud-est

IMPATTO ECONOMICO

--

CONOSCENZE SPECIFICHE NECESSARIE

--

POTENZIALE DI MOBILITAZIONE

--

POTENZIALE SOSTENIBILITà - VALORE

Molto positivo

FACILITà DI IMPLEMENTAZIONE

--

FACILITà DI IMPLEMENTAZIONE - VALUTAZIONE

Medio

PREREQUISITI CHIAVE

--

TIPO DI EVENTO IN CUI QUESTO BPI è STATO PRESENTATO

--

EFFETTO SUL LAVORO

--

I COSTI DI ATTUAZIONE (EURO - €)

--

Più DETTAGLI

SFIDA RISOLTA

6. Far crescere bioeconomia foresta a base attraverso l'uso circolare e prodotti a valore aggiunto

DOMINIO

industrie forestali, bio / economia circolare

TIPO DI SOLUZIONE

Circolari, prodotti a base biologica

PAROLE CHIAVE

Circular Economy

bioeconomy.

SOLUZIONE DIGITALE

--

INNOVAZIONE

No

PAESE D'ORIGINE

Croazia

SCALA DI APPLICAZIONE

Local

INIZIO E FINE ANNO

2012 -

CONTATTI

PROPRIETARIO O AUTORE

Spačva d.d.

spacva@spacva.hr

REPORTER

Competence Centre Ltd. for research and development

Phd Ivan Ambroš

ambros@cekom.hr

REFERENCES AND RESOURCES

SITO PRINCIPALE

https://spacva.eu/

SITO WEB DEL PROGETTO

--

PROGETTO DI RIFERIMENTO

--

RISORSE

--

LOGO DELLE MIGLIORI PRATICHE

LOGO DELLA PRINCIPALE ORGANIZZAZIONE

SPAČVA®

PROGETTO NELL'AMBITO DEL QUALE QUESTA SCHEDA è STATA CREATA

Rosewood

DATA DI INSERIMENTO

16 Set 2019

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