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.

PODROBNOSTI

IZVOR LESA

--

TIP LESA

--

VRSTA OBRAVNAVANEGA LESA

--

VPLIV NA OKOLJE IN BIODIVERZITETO

--

VPLIV NA PRIHODKE

--

POTENCIAL IZKORIŠČANJA

--

VOZLIŠČE

Jugovzhodno vozlišče

GOSPODARSKI VPLIV

--

POTREBNO SPECIFIČNO ZNANJE

--

POTENCIAL ZA MOBILIZACIJO

--

TRAJNOST - VREDNOST

Zelo pozitivno

ENOSTAVNOST IZVEDBE

--

ENOSTAVNOST IZVEDBE - OCENJEVANJE

Srednja

KLJUČNI PREDPOGOJI

--

VRSTA DOGODKA, NA KATEREM JE BIL PREDSTAVLJEN TA BPI

--

VPLIV NA DELOVNA MESTA

--

STROŠKI IZVEDBE (EURO - €)

--

VEČ PODROBNOSTI

IZZIV

6. Napredek krožnega bio-gospodarstva na podlagi dodane vrednosti gozdnih proizvodov

DOMENA

Gozdno-lesna industrija, krožno gospodarstvo

TIP REŠITVE

Bio-osnovani izdelki

KLJUČNE BESEDE

Circular Economy

bioeconomy.

DIGITALNE REŠITVE

--

INOVACIJA

Ne

IZVORNA DRŽAVA

Hrvaška

OBSEG UPORABE

Lokalni

ZAČETNO IN KONČNO LETO

2012 -

KONTAKTN PODATKI

LASTNIK OZ. AVTOR

Spačva d.d.

spacva@spacva.hr

POROČEVALEC

Competence Centre Ltd. for research and development

Phd Ivan Ambroš

ambros@cekom.hr

REFERENCES AND RESOURCES

SPLETNA STRAN

https://spacva.eu/

SPLETNA STRAN PROJEKTA

--

REFERENCA PROJEKTA

--

VIRI

--

LOGOTIP DOBRE PRAKSE

LOGOTIP GLAVNE ORGANIZACIJE

SPAČVA®

PROJEKT, V OKVIRU KATEREGA SO BILI ZBRANI OSNOVNI PODATKI

Rosewood

DATUM OBJAVE

16 Sep 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