

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 drying 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.

DETALHES

ORIGEM DA MADEIRA

--

TIPO DE MADEIRA

--

TIPO DE MADEIRA EM CAUSA

--

IMPACTE NO AMBIENTE E BIODIVERSIDADE

--

IMPACTE NAS RECEITAS

--

POTENCIAL DE EXPLORAÇÃO

--

HUB

Hub do Sudeste

IMPACTE ECONOMICO

--

CONHECIMENTOS ESPECIFICOS NECESSÁRIOS

--

POTENCIAL DE MOBILIZAÇÃO

--

SUSTENTABILIDADE POTENCIAL - VALOR

Muito positivo

FACILIDADE DE IMPLEMENTAÇÃO

--

FACILIDADE DE IMPLEMENTAÇÃO

Médio

PRE-REQUISITOS CHAVE

--

TIPO DE EVENTO EM QUE ESTE BPI TEM SIDO APRESENTADO

--

IMPACTE NO EMPREGO

--

CUSTOS DE IMPLEMENTAÇÃO (EURO - EUR)

--

MAIS DETALHES

DESAFIO ABORDADO

6. Fomentar a bioeconomia baseada na floresta através do uso circular e de produtos de valor acrescentado

PALAVRAS-CHAVE

Circular Economy
bioeconomy.

PAÍS DE ORIGEM

Croácia

DOMÍNIO

Indústrias do sector florestal, bioeconomia circular

SOLUÇÃO DIGITAL

--

ESCALA DE APLICAÇÃO

Local

TIPO DE SOLUÇÃO

Produtos biodegradáveis e reutilizáveis

INOVAÇÃO

Não

ANO DE INÍCIO E FIM

2012 -

DADOS DE CONTACTO

PROPRIETÁRIO OU AUTOR

Spačva d.d.

spacva@spacva.hr

REPÓRTER

Competence Centre Ltd. for research and development

Phd Ivan Ambroš

ambros@cekom.hr

REFERENCES AND RESOURCES

WEBSITE PRINCIPAL

<https://spacva.eu/>

WEBSITE DO PROJETO

--

REFERÊNCIA AO PROJETO

--

RECURSOS

--



PROJETO NO ÂMBITO DO QUAL A FOLHA DE DIVULGAÇÃO FOI CRIADA

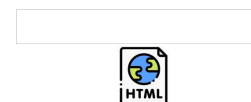
Rosewood

DATA DE ENTRADA

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

