# Pana d.o.o. - Cascading use of wood in production process for hard flours



PANA Ltd. was founded in 2002 as a subsidiary company from Međimurjeplet and continued a long tradition of one of the oldest wood processing plants, established in 1911 in Turopolje region. The company developed own production of parquet as a base activity. Adhering the roots of the wood industry, power and industrial sustainability PANA production is reflected in the industrial complex on 14 650 m², which applies modern technology and innovation. It employs 140 workers. In processing and production, the most commonly used wood is oak.

The excellence of the work and the competitiveness of the company PANA Ltd. have been recognized in the domestic and the international market. The dominant part of production, 90 percent, is related to foreign equity, while the responsibility for nature and the environment is confirmed by the prestigious FSC certification (the Forest Stewardship Council; The FSC), which guarantees the respect of high ecological, social and economic standards of forest management.

Wood waste, generated during the production process through a modern and ecologically set up boiler room, is used as a fuel for heating of the working space and 1500 m³ drying capacities. To maximize advantages of these precious raw materials, in 2015 we installed and put into operation a plant for the production of wood briquettes and a modern cogeneration plant for electricity production with a capacity of 1MW, by which we fully complete the biological cycle.

## DETAILS

ORIGIN OF WOOD

Forest

TYPE OF WOOD

Stemwood

KIND OF WOOD CONCERNED

Wood waste

IMPACT ON ENVIRONMENT & BIODIVERSITY

Positive

INCOME EFFECT

Positive

EXPLOITATION POTENTIAL

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HUB

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ECONOMIC IMPACT

Annual production and process 40,000 m³ of wood and produce 450,000 m² of classic solid, “Liston” and the massive rural floor.

SPECIFIC KNOWLEDGE NEEDED

The implemented technology is known process

MOBILIZATION POTENTIAL

40,000 m³

SUSTAINABILITY POTENTIAL - VALUE

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EASE OF IMPLEMENTATION

Medium

EASE OF IMPLEMENTATION - EVALUATION

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KEY PREREQUISITES

Cascading use of wood

TYPE OF EVENT WHERE THIS BPI HAS BEEN FEATURED

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JOB EFFECT

Better use of resources

COSTS OF IMPLEMENTATION ( EURO - € )

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## MORE DETAILS

CHALLENGE ADDRESSED

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DOMAIN

Forest management, ecosystem, resilience

TYPE OF SOLUTION

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KEYWORDS

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DIGITAL SOLUTION

No

INNOVATION

No

COUNTRY OF ORIGIN

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SCALE OF APPLICATION

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START AND END YEAR

2015 -

## CONTACT DATA

OWNER OR AUTHOR

REPORTER

info@pana.hr

## REFERENCES AND RESOURCES

MAIN WEBSITE

https://www.pana.hr/en/kontakt/

RESOURCES

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PROJECT WEBSITE

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PROJECT REFERENCE

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## PROJECT UNDER WHICH THIS FACTSHEET HAS BEEN CREATED

Rosewood

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1 Oct 2019

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## A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY