Laboratory for the forest biomass analyses



The Forest Biomass Laboratory is designed to meet scientific needs of the Faculty staff, educational needs of its students and to be at the disposal of economic entities, i.e. to offer its services on the market.

The Forest Biomass Laboratory of the University of Zagreb, Faculty of Forestry and Wood Technology has been designed as the central location for research and quality control of forest biomass for energy in the Republic of Croatia. In accordance with the constitutive objective, construction and equipping of the laboratory as well as education of the laboratory staff, was carried out like in modern European laboratories.

Laboratory analysis necessary for the establishment of the monitoring system of solid biofuels in the production and transport chain from the raw material (forest biomass) through the producer to the final consumer, are carried out in accordance with the European, i.e. International standards for solid biofuels (HRN EN; HRN EN ISO). Forest Biomass Laboratory of the Faculty of Forestry and Wood Technology in Zagreb will offer the opportunity to croatian producers of solid biofuels to test their own product in their own country in accordance with the applicable European standards, to improve technological processes and place the product on the market with all necessary declarations either in the Republic of Croatia or on common European and world market.

DETAILS

ORIGIN OF WOOD

--

TYPE OF WOOD

--

KIND OF WOOD CONCERNED

--

IMPACT ON ENVIRONMENT & BIODIVERSITY

--

INCOME EFFECT

--

EXPLOITATION POTENTIAL

--

HUB

South-East Hub

ECONOMIC IMPACT

--

SPECIFIC KNOWLEDGE NEEDED

--

MOBILIZATION POTENTIAL

--

SUSTAINABILITY POTENTIAL - VALUE

Very Positive

EASE OF IMPLEMENTATION

--

EASE OF IMPLEMENTATION - EVALUATION

Medium

KEY PREREQUISITES

--

TYPE OF EVENT WHERE THIS BPI HAS BEEN FEATURED

--

JOB EFFECT

--

COSTS OF IMPLEMENTATION (EURO - €)

--

MORE DETAILS

CHALLENGE ADDRESSED

6.- Grow the forest-based bioeconomy through circular use and value-added products

DOMAIN

Wood energy industry

TYPE OF SOLUTION

Circular, bio-based products

KEYWORDS

Forest biomass
laboratory
analysis.

DIGITAL SOLUTION

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INNOVATION

No

COUNTRY OF ORIGIN

Croatia

SCALE OF APPLICATION

National

START AND END YEAR

2016 -

CONTACT DATA

OWNER OR AUTHOR

Faculty of Forestry and Wood Technology of the University of Zagreb

zzecic@sumfak.hr

REPORTER

Competence Centre Ltd. for research and development

Phd Ivan Ambroš

ambros@cekom.hr

REFERENCES AND RESOURCES

MAIN WEBSITE

http://www.sumfak.unizg.hr/hr/strucni-rad-i-usluge/laboratoriji-sumarskog-odsjeka/laboratorij-za-sumsku-biomasu/

PROJECT WEBSITE

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PROJECT REFERENCE

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RESOURCES

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LOGO OF BEST PRACTICE

LOGO OF MAIN ORGANIZATION

University of Zagreb
Faculty of Forestry and Wood Technology

PROJECT UNDER WHICH THIS FACTSHEET HAS BEEN CREATED

Rosewood

POST DATE

1 Oct 2019

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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