The "supermarket" of quality biomass

Since 2005 Cip Calor has focused on woody biomass. Careful to professionalism, safety and quality, the company has explored fields that were little known at the time. The sale of wood was accompanied by contracts for the supply of wood chips to public users and contracting activities. In 2010 it invested in the construction of an innovative biomass platform, today the company's nerve center, where firewood and wood chips can be produced and marketed in compliance with the quality standards required by the market and the relevant regulations. The advantages of this logistic-productive-commercial model are many. The organization and optimization of productivity has improved; thanks to the covered structure it is possible to work even in bad weather days; it is easier to manage the quality control system; the number of customers has increased, seeing in the platform a place characterized by a clear and transparent marketing; also interesting is the aspect of visibility and access to the platform at convenient times, where customers can observe and "touch" the work phases and the product they intend to buy. The platform has been designed in an optimal position for the management of the material: from about half of the wooded area that the company manages, it is even possible to cut the wood with a cable crane directly in the yard, with obvious logistical consequences. Excluding raw wood deposits all production activities are covered, below a 1,400 m2 ventilated structure. The main elements of the platform are: "Chipped" line: deposit for the wood chips to be dried; drier; mini co-generator for the production of electricity and heat; storage for dried wood chips. "Firewood" line: area used for cutting and splitting; roll-off bodies connected to the hot air exiting the co-generator; storage for firewood. Other structures: mini-sawmill for the production of manufactured goods; warehouse for the recovery of tools and staff rooms, heated to the floor with the heat recovered from the co-generator; commercial office.

DETALHES

ORIGEM DA MADEIRA

Floresta

TIPO DE MADEIRA

Tronco

TIPO DE MADEIRA EM CAUSA

"Wood chips: fir, pine, Firewood: chestnut, oak, beech"

IMPACTE NO AMBIENTE E BIODIVERSIDADE

The traceability of the raw material and compliance of good forest management is guaranteed by current regional and national legislation

IMPACTE NAS RECEITAS

N/A

POTENCIAL DE EXPLORAçãO

--

HUB

--

IMPACTE ECONOMICO

400-600.000 euro per year

CONHECIMENTOS ESPECIFICOS NECESSáRIOS

POTENCIAL DE MOBILIZAçãO

4.000-5.000 t per year

SUSTENTABILIDADE POTENCIAL - VALOR

--

FACILIDADE DE IMPLEMENTAçãO

Medium: huge investments are needed

FACILIDADE DE IMPLEMENTAçãO

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PRE-REQUISITOS CHAVE

Excellent knowledge of biomass trade centres.

Info: http://www.biomasstradecentre2.eu/Biomass-Trade-CentreII/

TIPO DE EVENTO EM QUE ESTE BPI TEM SIDO APRESENTADO

--

IMPACTE NO EMPREGO

10-12 employees

CUSTOS DE IMPLEMENTAçãO (EURO - EUR)

--

Knowledge of current and potential local biomass market

MAIS DETALHES

DESAFIO ABORDADO

--

DOMíNIO

Cortes, infraestruturas e logistica

Industrias do sector florestal, bioeconomia circular

TIPO DE SOLUçãO

--

PALAVRAS-CHAVE

--

SOLUçãO DIGITAL

Não

INOVAçãO

Não

PAíS DE ORIGEM

Itália

ESCALA DE APLICAçãO

Regional/ sub-nacional

ANO DE INíCIO E FIM

--

DADOS DE CONTACTO

PROPRIETáRIO OU AUTOR

cipcalor@geroli.it

REPóRTER

REFERENCES AND RESOURCES

WEBSITE PRINCIPAL

http://www.cipcalor.it

WEBSITE DO PROJETO

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REFERêNCIA AO PROJETO

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RECURSOS

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PROJETO NO âMBITO DO QUAL A FOLHA DE DIVULGAçãO FOI CRIADA

Rosewood

DATA DE ENTRADA

18 Set 2019

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY