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.

DETALLES

ORIGEN DE LA MADERA

Bosque

TIPO DE MADERA

Madera en rollo

TIPO DE MADERA AFECTADA

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

IMPACTO EN EL MEDIO AMBIENTE Y LA BIODIVERSIDAD

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

EFECTO SOBRE LOS INGRESOS

N/A

POTENCIAL DE EXPLOTACIóN

--

HUB

--

IMPACTO ECONóMICO

400-600.000 euro per year

CONOCIMIENTOS ESPECíFICOS NECESARIOS

POTENCIAL DE MOVILIZACIóN

4.000-5.000 t per year

POTENCIAL DE SOSTENIBILIDAD - VALOR

--

FACILIDAD DE APLICACIóN

Medium: huge investments are needed

FACILIDAD DE IMPLEMENTACIóN - EVALUACIóN

--

PREREQUISITOS CLAVE

Excellent knowledge of biomass trade centres.

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

TIPO DE EVENTO EN EL QUE SE HA PRESENTADO ESTA IFS

--

EFECTO SOBRE EL EMPLEO

10-12 employees

COSTES DE IMPLEMENTACIóN (EURO - €)

--

Knowledge of current and potential local biomass market

MáS DETALLES

RETO ABORDADO

--

DOMINIO

Aprovechamiento, infraestructura, logística

Industrias forestales, economía biocircular

TIPO DE SOLUCIóN

--

PALABRAS CLAVE

--

SOLUCIóN DIGITAL

No

INNOVACIóN

No

PAíS DE ORIGEN

Italia

ESCALA DE APLICACIóN

Regional/sub-nacional

AñO DE INICIO Y FIN

--

DATOS DE CONTACTO

PROPIETARIO O AUTOR

cipcalor@geroli.it

REPORTADOR

REFERENCES AND RESOURCES

SITIO WEB PRINCIPAL

http://www.cipcalor.it

SITIO WEB DEL PROYECTO

--

REFERENCIA DEL PROYECTO

--

RECURSOS

--

PROYECTO BAJO EL QUE SE HA CREADO ESTA FICHA

Rosewood

FECHA DE MENSAJE

18 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