

Turned larch and chestnut poles



The sawmills have made an investment for the purchase of a machine suitable for turning wooden poles. The aim was to use local and naturally durable wood species without adding chemical impregnating agents (chestnut in Tuscany, larch in Trentino) to offer turned stakes for fences, wooden toys and outdoor furniture on the market. The approach was to innovate the production process to better exploit the characteristics of the two species, also with a view to increasing consumers' environmental sensitivity (0 km wood, without the use of chemical impregnating agents). The larch on the Alpine arc and the chestnut on the Apennine ridge certainly are not lacking in Italy, just as the small or less assortments market that could be in this way valued. The investments for the plant and the training of the personnel must be carefully evaluated, but good margins can be imagined. To enhance this type of production, widely used for public urban furnishings, the willingness of Public Administrations to develop "green purchasing" policies must be carefully evaluated. The Casolla sawmill produces around 600-800 m³ of larch turned piles per year, PEFC certified, of which about 70% is turned out of heart and 30% with heart. The product is much appreciated, every year new customers are added to those already established and the practice of replacing, once consumed, pine poles impregnated with those in local larch is spreading. A great result for the Casolla Sawmill was the supply of large quantities of this product for EXPO 2015 (Milan). This aspect represents a negative for the Tani sawmill, because many Tuscan administrations continue to buy turned and impregnated products of foreign origin. The company currently produces around 3,000 q of turned, chestnut but also douglasia, less than the potential it had set for itself.

DETALLES

ORIGEN DE LA MADERA

Bosque

TIPO DE MADERA

Madera en rollo

POTENCIAL DE MOVILIZACIÓN

50.000 chestnut poles/year

POTENCIAL DE SOSTENIBILIDAD - VALOR

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TIPO DE MADERA AFECTADA

chestnut

FACILIDAD DE APLICACIÓN

Easy

IMPACTO EN EL MEDIO AMBIENTE Y LA BIODIVERSIDAD

the turned chestnut poles allow to use also the biggest diameters of the chestnut plants that otherwise would be used for the firewood; in that way we have a sink of co2 in a wood based product for a longer time.

FACILIDAD DE IMPLEMENTACIÓN - EVALUACIÓN

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EFFECTO SOBRE LOS INGRESOS

Nome for the moment

PREREQUISITOS CLAVE

Turned chestnut poles

FMMF il legno

Local wood

POTENCIAL DE EXPLOTACIÓN

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TIPO DE EVENTO EN EL QUE SE HA PRESENTADO ESTA IFS

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HUB

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EFFECTO SOBRE EL EMPLEO

A full-time person could be employed

IMPACTO ECONÓMICO

Each turned chestnut poles is sold in media around 10 euro

COSTES DE IMPLEMENTACIÓN (EURO - €)

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CONOCIMIENTOS ESPECÍFICOS NECESARIOS

Notions of wood technology and mechanics

MÁS DETALLES

RETO ABORDADO

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PALABRAS CLAVE

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PAÍS DE ORIGEN

Italia

DOMINIO

Investigación y desarrollo

SOLUCIÓN DIGITAL

No

ESCALA DE APLICACIÓN

Regional/sub-nacional

TIPO DE SOLUCIÓN

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INNOVACIÓN

No

AÑO DE INICIO Y FIN

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DATOS DE CONTACTO

PROPIETARIO O AUTOR

REPORTADOR

info@casolla.com

REFERENCES AND RESOURCES

SITIO WEB PRINCIPAL

<http://www.casolla.com>

SITIO WEB DEL PROYECTO

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REFERENCIA DEL PROYECTO

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RECURSOS

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PROYECTO BAJO EL QUE SE HA CREADO ESTA FICHA

Rosewood

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