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.

DETALHES

ORIGEM DA MADEIRA
Floresta

TIPO DE MADEIRA
Tronco

TIPO DE MADEIRA EM CAUSA
chestnut

IMPACTE NO AMBIENTE E BIODIVERSIDADE
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.

IMPACTE NAS RECEITAS
Nome for the moment

POTENCIAL DE EXPLORAçãO
--

HUB
--

IMPACTE ECONOMICO
Each turned chestnut poles is sold in media around 10 euro

POTENCIAL DE MOBILIZAçãO
50.000 chestnut poles/year

SUSTENTABILIDADE POTENCIAL - VALOR
--

FACILIDADE DE IMPLEMENTAçãO
Easy

FACILIDADE DE IMPLEMENTAçãO
--

PRE-REQUISITOS CHAVE
Turned chestnut poles
FMMF il legno
Local wood

TIPO DE EVENTO EM QUE ESTE BPI TEM SIDO APRESENTADO
--

IMPACTE NO EMPREGO
A full-time person could be employed

CUSTOS DE IMPLEMENTAçãO (EURO - EUR)
--

CONHECIMENTOS ESPECIFICOS NECESSáRIOS

Notions of wood technology and mechanics

MAIS DETALHES

DESAFIO ABORDADO

--

PALAVRAS-CHAVE

--

PAíS DE ORIGEM

Itália

DOMíNIO

Investigação e desenvilvimento

SOLUçãO DIGITAL

Não

ESCALA DE APLICAçãO

Regional/ sub-nacional

TIPO DE SOLUçãO

--

INOVAçãO

Não

ANO DE INíCIO E FIM

--

DADOS DE CONTACTO

PROPRIETáRIO OU AUTOR

info@casolla.com

REPóRTER

REFERENCES AND RESOURCES

WEBSITE PRINCIPAL

http://www.casolla.com

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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Link to Rosewood 4.0

A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY