

## 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 m<sup>3</sup> 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

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### 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

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### HUB

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### IMPACTE ECONOMICO

Each turned chestnut poles is sold in media around 10 euro

### POTENCIAL DE MOBILIZAÇÃO

50.000 chestnut poles/year

### SUSTENTABILIDADE POTENCIAL - VALOR

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### FACILIDADE DE IMPLEMENTAÇÃO

Easy

### FACILIDADE DE IMPLEMENTAÇÃO

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### PRE-REQUISITOS CHAVE

Turned chestnut poles

FMMF il legno

Local wood

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

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### IMPACTE NO EMPREGO

A full-time person could be employed

### CUSTOS DE IMPLEMENTAÇÃO (EURO - EUR)

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**CONHECIMENTOS ESPECIFICOS NECESSÁRIOS**

Notions of wood technology and mechanics

## MAIS DETALHES

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### DESAFIO ABORDADO

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### DOMÍNIO

Investigação e desenvolvimento

### TIPO DE SOLUÇÃO

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### PALAVRAS-CHAVE

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### SOLUÇÃO DIGITAL

Não

### INOVAÇÃO

Não

### PAÍS DE ORIGEM

Itália

### ESCALA DE APLICAÇÃO

Regional/ sub-nacional

### ANO DE INÍCIO E FIM

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## DADOS DE CONTACTO

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### PROPRIETÁRIO OU AUTOR

### REPÓRTER

info@casolla.com

## REFERENCES AND RESOURCES

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### WEBSITE PRINCIPAL

<http://www.casolla.com>

### RECURSOS

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### WEBSITE DO PROJETO

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### REFERÊNCIA AO PROJETO

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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**

