

## 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.

## PODROBNOSTI

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### PÔVOD DREVA

Les

### DRUH DREVA

Kmeňové drevo

### MOBILIZAČNÝ POTENCIÁL

50.000 chestnut poles/year

### POTENCIÁL UDRŽATEĽNOSTI - HODNOTA

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### UVAŽOVANÝ DRUH DREVA

chestnut

### UĽAHČENIE IMPLMENTÁCIE

Easy

### VPLYV NA ŽIVOTNÉ PROSTREDIE A BIODIVERZITU

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.

### UĽAHČENIE IMPLMENTÁCIE - HODNOTENIE

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### DOPAD NA PRÍJMY

None for the moment

### Kľúčové PREPOKLADY

Turned chestnut poles

FMMF il legno

Local wood

### POTENCIÁL VYUŽITIA

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### TYP PODUJATIA, NA KTOROM BOL TENTO BPI PREZENTOVANÝ

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### ROZBOČOVAČ

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### DOPAD NA ZAMESTNANOSŤ

A full-time person could be employed

### EKONOMICKÝ VPLYV

Each turned chestnut poles is sold in media around 10 euro

### NÁKLADY NA IMPLEMENTÁCIU (EURO - €)

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## POTREBA ŠPECIFICKÝCH ZNALOSTÍ

Notions of wood technology and mechanics

## VIAC INFORMÁCIÍ

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### RIEŠENÁ VÝZVA

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### Kľúčové SLOVá

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### KRAJINA PôVODU

Taliansko

### DOMAIN

Výskum a vývoj

### DIGITALNE RIEŠENIE

Nie

### ROZSAH APLIKÁCIE

Regionálny/

### TYP RIEŠENIA

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### INOVÁCIE

Nie

### ZAČIATOK A KONIEC ROKA

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## KONTAKTNÉ ÚDAJE

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### VLASTNÍK ALEBO AUTOR

### REPORTÉR

info@casolla.com

## REFERENCES AND RESOURCES

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### HLAVNÁ WEBSTRÁNKA

<http://www.casolla.com>

### PROJEKTOVÁ WEBSTRÁNKA

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### REFERENCIA PROJEKTU

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### ZDROJE

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PROJEKT, V RÁMCI KTORÉHO BOL TENTO INFORMAČNÝ PREHĽAD VYTVORENÝ

Rosewood

DÁTUM ODOSLANIA

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

