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.

SZCZEGóŁY

POCHODZENIE SUROWCA DRZEWNEGO
Las

RODZAJ SUROWCA DRZEWNEGO
Drewno okrągłe

RODZAJ DREWNA
chestnut

WPŁYW NA śRODOWISKO I BIORóżNORODNOśĆ
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.

EFEKTY EKONOMICZNE
Nome for the moment

POTENCJAł W ZAKRESIE KOMERCJALIZACJI
--

HUB
--

WPŁYW NA GOSPODARKę
Each turned chestnut poles is sold in media around 10 euro

POTENCJAł DLA MOBILIZACJI DREWNA
50.000 chestnut poles/year

POTENCJAł DLA ZRóWNOWAżONEGO ROZWOJU - WARTOśĆ
--

ŁATWOśĆ WDROżENIA
Easy

ŁATWOśĆ WDROżENIA - OCENA
--

KLUCZOWE WYMAGANIA
Turned chestnut poles
FMMF il legno
Local wood

RODZAJ WYDARZENIA, W KTóRYM WYSTąPIłA DANA BPI
--

EFEKTY W ZAKRESIE ZATRUDNIENIA
A full-time person could be employed

KOSZT IMPLEMENTACJI (EURO - €)
--

WYMAGANA WIEDZA SPECJALISTYCZNA

Notions of wood technology and mechanics

WIęCEJ INFORMACJI

WYZWANIE

--

DOMENA

Badania i rozwój

RODZAJ ROZWIąZANIA

--

SłOWA KLUCZOWE

--

ROZWIąZANIE CYFROWE

Nie

INNOWACJA

Nie

KRAJ POCHODZENIA

Włochy

SKALA APLIKACJI

Regionalny

ROK ROZPOCZęCIA I ZAKOńCZENIA

--

DANE KONTAKTOWE

WłAśCICIEL LUB TWóRCA

OSOBA PRZYGOTOWUJąCA FISZKę

info@casolla.com

ŹRóDŁA I MATERIAłY

STRONA INTERNETOWA

http://www.casolla.com

ZASOBY

--

STRONA INTERNETOWA PROJEKTU

--

PROJEKT

--

PROJEKT, W RAMACH KTóREGO STWORZONA ZOSTAłA NINIEJSZA FISZKA

Rosewood

DATA PUBLIKACJI

18 wrz 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