


Description of best practice

Best practice	
Title	Turned larch and chestnut poles
Picture	
Domain	Product development
Source of wood	Stemwood
Location	Segheria Tani, via della Fonderia 12 Borgo San Lorenzo (FI) https://goo.gl/maps/9MfA5ecnGbA6LhLu6
Implementers	P.A. Trento, Segheria Casolla Legno
Actual status	Running
Approach	<p>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).</p>
Main results	The Casolla sawmill produces around 600-800 m ³ of larch turned poles per year, PEFC certified, of

	<p>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).</p> <p>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.</p>
Lessons learned	<p>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.</p>
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Link to website	<p>www.casolla.com www.segheriatani.it</p>
Code	BP_IT_10

Best practice assessment

Region	Tuscany
Time scale	
Mobilization Potential	50.000 chestnut poles/year
Kind of wood concerned	chestnut
Sustainability Potential	Medium
Impact on environment & biodiversity	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 CO_2 in a wood based product for a longer time.
Ease of implementation	Easy
Economic impact	Each turned chestnut poles is sold in media around 10 euro
Job effect	A full-time person could be employed
Income effect	None for the moment
Specific knowledge needed	Notions of wood technology and mechanics
Costs of implementation	70.000 € (for the for the purchase of the machine
Technical readiness level	None
Key information for adoption	Turned chestnut poles FMMF il legno Local wood