Project Information Sheet

THERMOVACUUM: NEW PROCESS FOR NEW GENERATION OF THERMALLY MODIFIED WOOD (TV4NEWOOD)

Programme area:	ECO INNOVATION 2012 – GREEN BUSINESS
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Partners:	Consiglio Nazionale delle Ricerche Ivalsa (CNR) – ITALY Consorzio Servizi Legno e Sughero (CSLS) – ITALY Swedish University Of Agricultural Sciences (SLU) – SWEDEN ECOLWOOD (ECW) – FRANCE ARREDO MARE DI CHIARINI ALDO (ARM) - ITALY
Website:	www.tv4newood.it
Benefits (max. 150 characters incl. space):	Over 700 tons CO2 reduction Cheaper and ecologic thermo treated wood Tropical timber import reduction Production of thermo treated wood VOC Free
Keywords:	Tropical Timber, Wood, Thermovacuum
Sector:	GREEN BUSINESS
Type of solution	INNOVATIVE PROCESS AND INNOVATIVE PRODUCTS
Duration:	01/09/2013 – 30/08/2016
Budget:	€ 1,771,928.00 (EU contribution: 50%)
Contract number:	ECO/12/333079

Summary

The period covering from October 2014 to February 2015 foresees a focus on the enhancement of the thermo vacuum machinery, after technical interventions. Though, the study and the work have been conducted on a second machinery setting amelioration on technical assessment.

The chemical and mechanic tests advanced on spruce, fir, beech, ash, oak, maritime pine and poplar essences by CNR and SLU.

In November, the project has been presented at Ecomondo (during a seminar of Locsee European project), the green technology expo, held in Rimini, Italy.

Last, preparation on contest organization took place in Italy.

Achieved results

The outcome of this period provides:

- Advanced chemical and mechanic tests on spruce, fir, beech, ash, oak by CNR and SLU
- Start organization of European competition for a "a name and a logo for thermo vacuum treated wood"
- Participation to "Ecomondo" event in November 2014

The information sheet will be published in the Eco-Innovation website. The EACI reserves the right to edit the information sheet for content and length