

An offer for STSMs within the COST Action FP1006

**CNR- IVALSA**  
**Laboratory of Biodegradation and Preservation of Wood**



Department	Research activity	Scientific projects
<p style="text-align: center;">CNR IVALSA  Trees and Timber  Institute  Via Madonna del  Piano10  50019 Sesto Fiorentino  50019 Firenze Italy</p> <p><b>Contact:</b>  Sabrina Palanti  palanti@ivalsa.cnr.it</p>	<ol style="list-style-type: none"> <li>1. Characterization and development of low environmental impact wood preservatives.</li> <li>2. Characterization of biocide-free preservative</li> <li>3. Evaluation of natural durability (insects, fungi, marine organisms) with standard, accelerate methods in laboratory and in field.</li> <li>4. Development of innovative methodology for the determination of natural durability</li> </ol>	<p><i>Ongoing project:</i></p> <ol style="list-style-type: none"> <li>1. Trees4Future European Project EU 7th Framework  <a href="http://www.trees4future.eu/">http://www.trees4future.eu/</a></li> <li>2. Nanosolwood: Innovative treatments for consolidating and preservation of wood through hybrid nanosols.</li> </ol> <p><i>Recent project:</i></p> <ol style="list-style-type: none"> <li>1. Synthesis and characterization of wood-silica gel anchoring copper/boron complexes against biotic decay</li> <li>2. <i>Rimidia Microwave reflectometry for cultural heritage diagnosis</i>  <a href="http://rimidia.det.unifi.it">http://rimidia.det.unifi.it</a></li> </ol> <p>Recent STSM FP1006: "Wood preservation properties of tannin-boron formulations against insects" by G. Tondi; Salzburg University FSH</p>

