



Minutes

EU Hardwoods – 4th meeting

att.: MPA Simon Aicher, Maren Hirsch, Cristóbal Tapia Camú
 FCBA Guillaume Legrand, Morgan Vuillermoz
 FVA Udo Sauter, Lorenz Breinig, Franka Brüchert
 HFA Peter Linsenmann, Angelika Rubick
 UL Goran Turk, Mitja Plos

guest: BOKU Sebastian Kühle

place: FVA, Wonnhaldestraße 4, 79100 Freiburg, Germany

time: 10.12.2015, 13:00 – 18:00
 11.12.2015, 9:00 – 12:30



	Content	TODO
1	WP0 - general	
	<p>Peter Linsenmann reported on the presentation he gave at the WoodWisdom+ seminar in Switzerland.</p> <p>Empa, the Swiss Federal Laboratories for Materials Science and Technology, plan on doing tension tests on approximately 1000 specimens of beech? The responsible project leader is René Steiger, who also invited participants of EU Hardwoods to the Mini-Symposium MS1-07 that will take place during the WCTE 2016 conference in Vienna.</p> <p>The national reporting requirements in France and Germany are much more demanding than for WWN. Therefore, the WP leaders agreed to assist the reporting by delivering additional information and text.</p>	UL, MPA
2	WP1 – hardwood resource	
	<p>Lorenz Breinig presented the progress made within WP1 and the measurements done on logs and boards. The lamellas log position is accurate within centimeters. Based on the WEHAM model it is predicted that hardwood volumes will increase. A report on the measurements done on the logs was presented.</p> <p>UL will try to get some predictions from The Slovenian Forestry Institute that use their own prediction models. The chances of success are small.</p> <p>FCBA will also try to provide some data from a French study that will be released in December 2015.</p> <p>Morgan Vuillermoz gave a presentation on the “Ideal lamella”. The ideal lamella is different from the point of view of the glulam industry than from the point of view of the sawmill industry. FCBA will provide an interview template that can be used by the partners to gather information about the ideal lamella in all the rest of the countries.</p>	FVA UL FCBA
3	Guest presentation	
	<p>Sebastian Kühle (Institute of Wood Technology and Renewable Materials) gave a presentation about the work he is doing to model the solid hardwood supply chain network.</p>	
4	Future cooperation	
	<p>Angelika Rubick gave a presentation about the possible future project opportunities within Horizon 2020.</p>	HFA
5	WP2 – strength data	



	<p>Peter Linsenmann gave a presentation on the testing that will be done on the FVA boards in the beginning of the year 2016. HFA will try to get some data from TU Graz. Data on sweet chestnut is available from Italy and all partners will try to get in contact with someone from Italy to get the data.</p> <p>Mitja Plos gave a presentation on the testing plan for Slovenian beech. 200 logs will be graded, than at least 4 boards per log will be taken. All the boards will be NDT measured and then broken in different ways to try to obtain the correlations between the different mechanical properties of beech.</p> <p>MPA requested to get some leftover boards to produce and test a few CLT plates.</p>	<p>HFA,</p> <p>UL,</p>
6	WP3 – gluing	
	<p>Simon Aicher reported on the work done by MPA on different glue and hardwood combinations. There are some problems with the high strength, but some glues show potential to be used.</p>	MPA
7	WP4 – glulam	
	<p>Guillaume Legrand gave a presentation on the work done in WP4. And pointed out that they hoped for more data from WP2, where the data is scarce.</p> <p>FCBA will try to provide a batch for MPA to do some tension tests.</p>	<p>FCBA</p> <p>MPA</p>
8	WP5 – CLT	
	<p>Maren Hirsch presented a report on the testing done at MPA. The rolling shear tests show that the shear strength of beech is much stronger than that of softwoods. It is as high as the longitudinal strength of spruce.</p> <p>Cristóbal Tapia Camú presented the FEM model he is working on. FCBA will provide CT scans of chestnut boards to get the density distribution within boards.</p>	<p>MPA</p> <p>CBD</p>
9	WP6 – dissemination	
	<p>The first interim report to WWN was prepared by HFA and UL.</p> <p>On 14th to 15th September 2015 there was the WWN seminar where a joint presentation of the project was presented by Peter Linsenmann.</p> <p>It was agreed to have the two planned workshops in Bordeaux in the middle of November 2016 and in Germany in February 2017.</p> <p>A proposal of the workshop should be produced by the next meeting.</p>	UL
10	General	
	<p>Next meeting will be on 2nd and 3rd of June 2016 in Ljubljana and will be hosted by UL.</p> <p>Last meeting will be from 16th to 18th of November 2016 in Bordeaux before the workshop and will be hosted by FCBA.</p>	<p>UL</p> <p>FCBA</p>

author: M. Plos, P. Linsenmann