



ModWoodLife

COST Action FP1407 1st Conference "Life Cycle Assessment, EPDs and modified wood"

Koper, Slovenia

August 25th – August 26th, 2015

CONFERENCE PROGRAM

Tuesday, August 25th, 2015

09:00	Registration	
09:30 - 09:45	Welcome	
	Andreja Kutnar	
09:45 - 10:30	Keynote 1	Chair: Andreja Kutnar
	Frank Werner	PCR development and EPD (for wood products) - the European context.
10:30 - 11:15	Presentations	Chairs: Ana Dias and Franz Dolezal
	Tellnes, L. G. F	Experiences with PCR for wood products and EPDs for modified wood in Norway – The role of biogenic carbon
	Tarmo Rätty	PE _n A-Db: Integration of LCI and EPDs with decision making
	Friderik Knez	Experience in environmental declarations programme ZAG EPD
11:15 - 11:45	Coffee break	
11:45 - 13:00	Presentations	Chairs: Lauri Linkosalmi and Hermann Achenbach
	Flavie Lowres , Elodie Macé, Nigel Jones, Ed Suttie	Materials credits within BREEAM – LCA, the Green Guide and timber
	David Hopkins, Ed Suttie, Owen Abbe	The Wood for Good life cycle database of timber products
	Anna Sandak	Bio-materials for building envelope - expected performance, life cycle costing & controlled degradation - Bio4ever project approach
	Jakub Sandak , Anna Sandak, Mariapaola Riggio	Bio-based building materials: aesthetical service life and customer's environmental conciseness
	Hermann Achenbach , Sebastian Rüter	Life cycle assessment of pre-fabricated timber houses according to the European state-of-the-art standards
13:00 - 14:30	Lunch	
14:30 - 15:45	Presentations	Chairs: Anna Sandak and Rajat Panwar
	Johann Charwat-Pessler , Rudolf Schraml, Karl Entacher, Andreas Uhl, Alexander Petutschnigg	Traceability within the wood supply chain: an opportunity defining system boundaries
	Mario Marra , Ottaviano Allegretti, Stefano Guercini	Life Cycle Assessment of ThermoVacuum treated softwood timber with comparison to untreated and preserved cladding
	Jin-Bo Hu , Campbell Skinner, Graham Ormondroyd, Gianluca Tondi Antonio Pizzi, Marie-France Thevenon	Life cycle assessment of a novel tannin-boron association for wood protection
	Lauri Linkosalmi , Kristiina Laine, Lauri Rautkari	Life cycle impacts of modified wood products
15:45 - 16:15	Coffee break	
16:15 - 17:30	Presentations	Chairs: Alexander Petutschnigg and Monika Muszyńska
	Mojgan Vaziri , Caroline Rogaume, Eric Masson, Antonio Pizzi, Dick Sandberg	VOC emissions from linear vibration
	P. Rademacher , P. Paril, J. Baar, R. Rousek, D. Meier, G. Koch, U.Schmitt	Improvement of wood properties due to impregnation of wood with renewable liquids from different process residues of native origin
	Benedikt Neyses , Dick Sandberg, Olle Hagman, Magnus Wålinder	Development of a continuous wood surface densification process with a reduced environmental impact
	Kévin Candelier , Marie-France Thévenon, Anélie Pétrissans, Stéphane Dumarçay, Philippe Gérardin, Mathieu Pétrissans	Primary analysis methods used to control thermal treatments of wood and effect on decay resistance
	Andreja Kutnar , Michael Burnard, Matthew Schwarzkopf, Črtomir Tavzes	InnoRenew CoE - Renewable Materials and Healthy Environments Research and Innovation Centre of Excellence
17:30	Closing of the first day	
17:30 - 18:30	Core group meeting	
19:00	Conference dinner	



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9:00 - 9:30	Keynote 2	Chair: Andreja Kutnar
	Rajat Panwar	Advancing LCA application in the wood sector
9:30 - 10:45	Poster Session	Chairs: Michael Burnard and Carmen Popescu
	Manja Kitek Kuzman , Mirko Kariz	The use of modified wood in Slovenia
	Malick Diakhaté, Seif Eddine Hamdi, Emilio Bastidas-Arteaga, Rostand Moutou-Pitti	Experimental characterization of wood mechanical performance in constant environment: use of acoustic emission to monitor crack tip propagation
	Patrícia S. B. dos Santos , Silvia H. F. da Silva, Caroline R. Soares, Darci A. Gatto, Jalel Labidi	Effect of natural weathering and accelerated aging on Brazilian wood Pinus
	Miha Humar, Davor Kržišnik , Boštjan Lesar, Nejc Thaler, Mojca Žlahtič	Characterisation of interactions between thermally modified wood and water
	Tomasz Krystofiak, Barbara Lis, Monika Muszyńska	Study of interactions between PVAC adhesives and wood after thermo-mechanical (TM) modification
	Seref Kurt , Hüseyin Yörür, Muhammed Nuri Günay, Taner Yildiz	Tests to increase preservative retention in fir
	Václav Sebera , Martin Brabec, Petr Čermák, Jan Tippner, Jaromír Milch	Analysis of neutral axis position in thermally modified wood using DIC
	Daniela T. Silva , René Herrera, Berta M. Heinzmann, Jalel	Decay resistance and physicochemical properties of wood preservatives based on Ocotea
	Ali Temiz , Engin Derya Gezer, Selçuk Akbaş, Gaye Köse Demirel	Effects of Bio and Epoxidized Oil on Physical and Biological Properties of Treated Wood
	Maria-Cristina Popescu , Carmen-Mihaela Popescu	Structure evaluation of the modified wood through different spectral techniques
	Giacomo Goli , Francesco Negro, Corrado Cremonini, Roberto Zanuttini, Marco Fioravanti	Feasibility of highly durable plywood production with poplar wood as a substitute of tropical species
	Andris Morozovs , Edgars Bukšāns, Uldis Spulle	Mineral-plant-fibre composite coating as cellular wood protector against fire
	Liljana Rušnjak, Michael Burnard, Andreja Kutnar	Waste wood management and processing - opportunities for reducing the environmental impact of ports
	Michael Burnard , Andreja Kutnar, Aleksandar Tošić	Perceptions of innovation in wood-based products from Slovenia
	Seif Eddine Hamdi, Rostand Moutou Pitti	Characterization of cracked wood under thermo-hydro-mechanical and viscoelastic behaviour
10:45 - 11:30	Poster session with refreshments	
11:15 - 12:15	Presentations	Chairs: Dick Sandberg and Václav Sebera
	Wim Willems	Novel moisture sorption model explaining parallel kinetics of transient wood moisture content
	Róbert Németh , Dimitrios Tsalagkas, Miklós Bak	Changes in the modulus of elasticity of beeswax impregnated wood during soil contact
	Straže A. , Fajdiga G., Pervan S., Gorišek Ž.	Impact of thermal treatment on moisture-dependent elastoplastic behaviour of beech wood
	Aleksandar Lovrić, Vladislav Zdravković , Nebojša Todorović, Goran Milić	Influence of Thermal Modification of Poplar Veneers and Plywood Construction on Shear Strength
12:15 - 13:30	Lunch	
13:30 - 14:45	Working group meeting	
	WG1: Product Category Rules	Lead by Dick Sandberg & Robert Nemeth
	WG2: Life Cycle Assessments	Lead by Lauri Linkosalmi
	WG3: Environmental products declarations	Lead by Ana Dias
	WG4: Integration, dissemination and exploitation	Lead by Edo Kegel & Michael Burnard
14:45 - 15:15	Reports of WG leaders and conference conclusions	
15:15 - 15:45	Coffee break	
15:45 - 17:00	MC meeting	
18:00 - 22:00	Visit of Piran	