



FP1407 LCA Training School 2016

Introduction LCA to wood material practitioners -
feedback

Tarmo Rätty

FP1407 Training school 2016 26. - 28. April

Vantaa, Finland

- **Trainees** (in the order of appearance)
 - Tarmo Rätty (Luke, FI)
 - *Christelle Ganne-Chédeville (Bern UAS, CH)*
 - *Lauri Linkosalmi (Stora-Enso, FI)*
 - *Ana Dias (U Aveiro, PT)*
 - *Taija Sinkko (Luke, FI)*
 - Lars Gunnar Tellnes (Tret teknisk, NO)
- **Mentors** (all Luke)
 - Kirsi Usva
 - Merja Saarinen
 - Helena Häyrynen

FP1407 Training school - students

- Open call, 30 applicants 15 admitted.
- Selection according to:
 - Cost prioritization rules
 - Motivation letter
 - Experience (field of science, LCA)
 - Suggested use of LCA
- Software
 - 4 weeks training licence for SimaPro as a courtesy of PRé

ANDREA Laschi GORAN Milic PAOLA Cetera PEDRO LUIS de Hoyos Martinez
ASHRAFUL Alam Vjekoslav Zivkovic ANETE Meija-feldmane
EMILIA Markstrom ROMAN Shchupakivskyy BENEDIKT Neyses
SÜLEYMAN Kuştaş SELCUK akbas CAROLINA Griebeler
KATJA Vahtikari YAGMUR Bütün

FP1407 Training school - programme

- Opening & Introduction to LCA (Tarmo, Christelle, Lauri)
 - 7 hours: Structure of a LCA study
- Applied LCA (Tarmo, Taija, Ana, Lars, Christelle)
 - 5 hours: software structure, tutorial, real world cases
- Student projects
 - About 6 +2 hours
 - 7 teams, 2-3 student worked for the pre selected project

FP1407 Training school – Student projects

Team	Topic	Trainee
1	Environmental performance of wood densification – any gains over the alternatives	Benedikt and Katja
2	Modelling cascade uses of thermally treated wood	Yagmur and Roman
3	Emissions and side streams of thermal treatment	Paola and Goran
4	LCA of thermal treatment - forest to factory gate	Carolina, Anete and Vjekoslav
5	LCA of chemically modified wood	Pedro Luis and Süleyman
6	Environmental performance of Wood-Plastic Composites	Selcuk and Emilia
7	A model for environmental impacts of forest management	Ashraful, Andrea

FP1407 Training school - Feedback

10 trainees, 6 trainers +1 filed the feedback form.

- How useful, scale 1-4? Averages
 - Theoretical parts : 3.6 points
 - Student projects : 3.5 points
- Most useful?
 - Real world cases: EPD of wooden claddings, LCA of ultralight particle board.
- Key learnings?
 - Getting through the whole LCA process
 - Also trainers learned from each others and trainees!

FP1407 Training school – Next step (Feedback)

- Demand for both introductory and advanced training school
 - If training licence for software is available, preparatory projects, or
- One more day
 - Students well motivated and picked the idea in a couple of hours
 - Serious working for student projects.
- More time needed to student projects and discuss the results, to see the multitude of problems.
- Training School 20XX?
 - EPDs
 - Conquentiality (this is actually why wood is modified)

Thank you!

8. Will you recommend this course to your friends?

Number of respondents: 17

