

EFFORTE –**'Efficient forestry by precision planning and management for sustainable environment and cost-competitive bio-based industry'**

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Project duration: 1.9.2016–30.8.2019.

Coordinator: Natural Resources Institute Finland (Luke).

Deliverable 5.5 – Final seminar and corresponding dissemination material		
Work Package 5 – Project management and dissemination		
Task 5.7 Dissemination		
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Dissemination level		
PU	Public	X
PP	Restricted to other program participants (including the Commission Services)	
RE	Restricted to a group specified by the consortium (including the Commission Services)	
CO	Confidential, only for members of the consortium (including the Commission Services)	
Nature of the Deliverable		
R	Report	R
P	Prototype	
D	Demonstrator	
O	Other	



Final seminar and corresponding dissemination material

August 31, 2019

Facts about the Final seminar

The final seminar of EFFORTE project (duration 1.9.2016-31.8.2019) was arranged on 17-19 June 2019 in Helsinki (see program in Annex 1). First day was meant for presenting the main result of the WPs and their tasks mainly to the participating organisations (40 participants). Second day was a field trip day for project participants and stakeholders (43 participants). Third half-day, Business Forum, was targeted to the most important industrial partners in this field and media with brief presentations of the key findings of the project and industrial partners' feedback about the outcome (43 participants). During the Business Forum questionnaire for the EFFORTE evaluation was handed to the industrial partners. Results can be found in [D4.7 Validation and analyses of expected impacts](#).

All the presentations of the first and third day and hand-outs delivered during the field trip are available to the project participants in the shared Tiimeri workspace of the project. Special efforts were made to disseminate and communicate the results presented in the final seminar – results were shared in specific news items in the project website and then promoted via newsletters and social media.

Communication and dissemination actions

First save the date –information of the seminar was sent out in EFFORTE newsletter on November 2018, when seminar dates were decided. EFFORTE Business Forum (third day of the seminar) information and some pre-insights to the project results were promoted with Finnish press release on 13 June 2019 reaching almost 200 of its 500 receivers. Some of the most relevant journalists or forest-related media were also contacted with personal invitations that were sent out on May 2019 for all invitees. Link to the press release: <https://www.epressi.com/tiedotteet/teknologia/uudet-teknologiat-parantavat-metsatalouden-operaatioiden-ymparistoystavallisyytta-tule-kuulemaan-ratkaisuista-efforte-business-forumiin-19.6.-helsinkiin.html>

During the field trip and Business Forum the Twitter account of Natural Resources Institute Finland (Luke) was used to bring out the activities and cooperation. See an example below in Figure 1.

#EFFORTE Business Forum day ahead! Now when the project is almost finished we've invited our closest stakeholders to hear about the results on soil mechanics, efficient silviculture and big data applications for #forestry. But let's first have a look at our host, @UPMSuomi!

Käännä twiitti



Figure 1. Example of Twitter activity done during Business Forum seminar

After the Business Forum part all presentations were shared to Luke's Slideshare channel to be available for further use. Presentations can be found here:

<https://www.slideshare.net/LukeFinland/clipboards/efforte-business-forum-18-6-2019>

In addition to Slideshare sharing final seminar greetings and our results were promoted in final newsletter of EFFORTE, which was sent out on the last days of June 2019 to our 120 subscribers and stored in project website www.luke.fi/efforte. All result news items can be found as separate news items on News section on the website. All deliverables presenting results are stored on the website, on Deliverables section. The newsletter can be found here: <http://luonnonvarakeskus-en.mailpv.net/a/s/143649067-03f8d7f3cb3fe688687f198413531744/3309645>.

Some of the core results of precision forestry also ended up to Luke's [Forest Newsletter summer issue](#) as a lead article (in Finnish).



Wrapping up our results in Helsinki: what was our Business Forum all about?

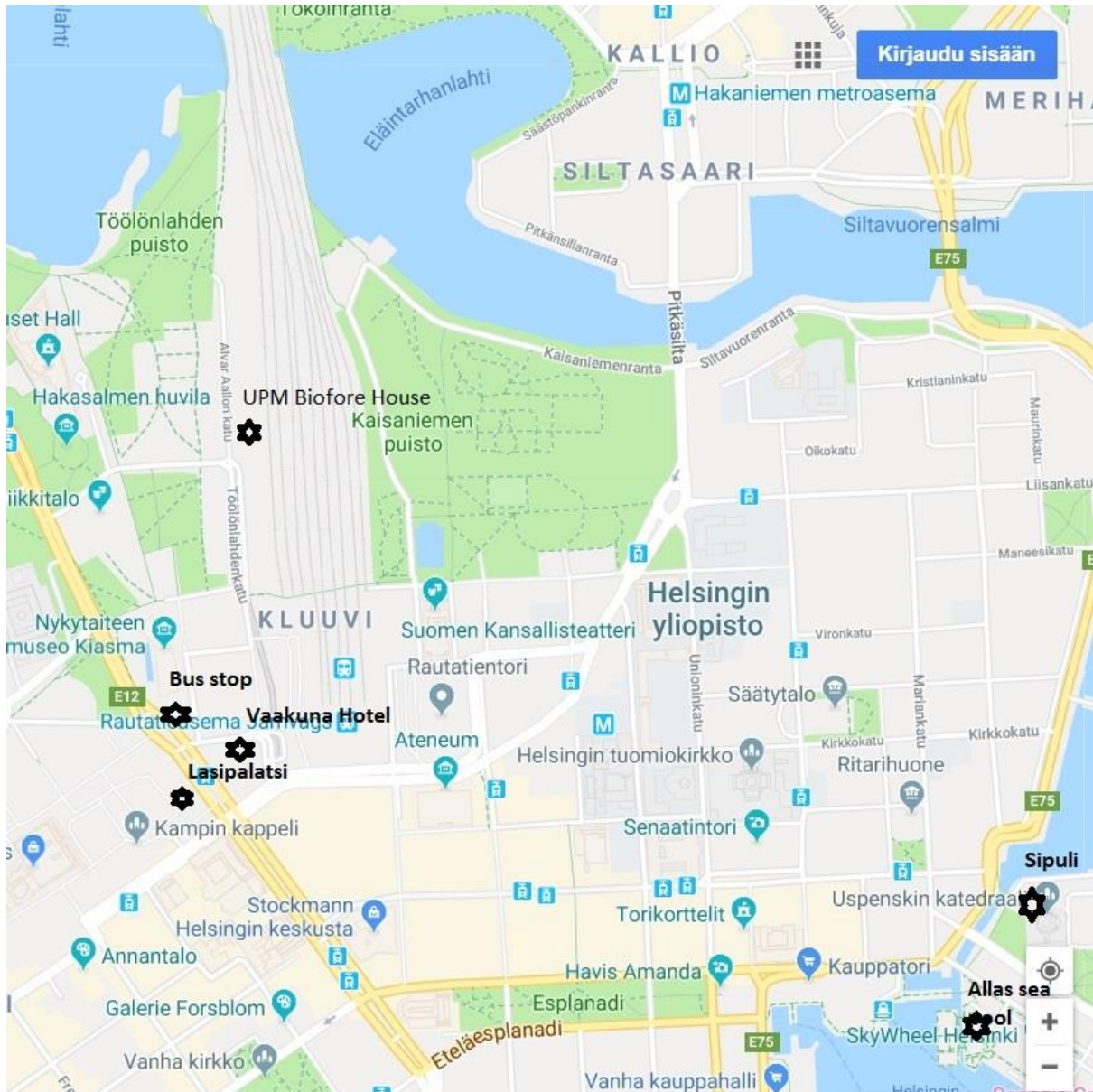
EFFORTE Business Forum presented our activities and results, their usability, and plans and hopes for the future. Dive into the brief presentations and learn more! [See the presentations >](#)

Figure 2. Capture of newsletter news item promoting the Business Forum afterwards.

EFFORTE FINAL SEMINAR Helsinki 17-19 June 2019

Welcome to Helsinki

The meeting places are marked on the map



Please note that those **who arrive at the UPM Biofore House before 12 o'clock on Monday**, may join the lunch at the Restaurant at the Biofore House

Program

Monday, June 17

Meeting place: UPM Biofore House, Alvar Aallon katu 1

Time	Topic	In charge
12:00	Those who arrive before 12 o'clock , may join the lunch at the Restaurant of the Biofore House.	
13:00-13:15	Welcome to UPM	Tomi Simola
13:15-13:30	Coordinator's overview <ul style="list-style-type: none"> - EFFORTE final seminar program - Status of the project, latest achievements, incoming duties, etc 	Jori Uusitalo
13:30-14:30	Soil mechanics and trafficability <ul style="list-style-type: none"> - Summary of the latest results Incoming deliverables – current status <ul style="list-style-type: none"> - D1.2 Database and models for soil type specific trafficability - D1.3 Recommendations on terrain trafficability and preventing measures - D4.1 – Validation of models predicting soil strength and bearing capacity 	Philippe Ruch Matti Siren/ Thomas Keller Philippe Ruch Jori Uusitalo
14:30-14:50	Technical break	
14:50-15:40	Efficient silviculture – latest achievements/incoming actions <ul style="list-style-type: none"> - Optimization of regeneration and young stand management – HEUREKA and MOTTI comparisons - Most efficient methods for site preparation and tree planting - Geometric thinning – achievements in EFFORTE project Incoming deliverables – current status <ul style="list-style-type: none"> - D2.5 Tool for selection of regeneration method - D4.6 Validation of cost efficient and productive silviculture 	Timo Saksa Isabelle Bergkvist Dan Bergström Timo Saksa/ Isabelle Bergkvist
15:40-16:20	Big Data applications – latest achievements/incoming actions <ul style="list-style-type: none"> - Introduction to the latest results Incoming deliverables – current status <ul style="list-style-type: none"> - D4.5 Validation of developed tools for operational planning - D4.7 Expected impacts of EFFORTE outcomes 	Erik Willén/Isabelle Bergkvist Kari Väätäinen Kari Väätäinen
16:20-16:30	Technical break	
16:50-17:30	Exploitation management <ul style="list-style-type: none"> - D4.10 – ... fast tracks to complete innovations Dissemination <ul style="list-style-type: none"> - Incoming Newsletters, etc Administration <ul style="list-style-type: none"> - Final report/payments 	Jori Uusitalo Lars Wilhelmsson Laura Eskelinen Sinikka Västilä
19:30	EFFORTE dinner Restaurant Lasipalatsi, Mannerheimintie 22 – 24	

Tuesday, June 18 – FIELD TRIP TO VIHTI AND KARKKILA

Time	Topic	In charge	Location
8:30	Departure for the field trip Charter bus stop in front the Museum of Contemporary Art Kiasma, one block from hotel Vaakuna to the North-West along Mannerheimintie (Map 1)	Luke	Kiasma bus stop close to Vaakuna Hotel
9:30-11:00	Three parallel sessions at Vihti site (Map 2) I Modelling of rutting and compaction II Modelling of wetness in permanent logging trails/Long term effects III Mapping of site properties with harvester	Matti Siren/ Thomas Keller Emmanuel Cacot Philippe Ruch Jari Ala-Illomäki	Vihti, 1 Vihti, 2 Vihti, 3
11:30- 12:30	Alternative methods to predict soil moisture content and trafficability - DTW maps - The static trafficability map - Dynamic trafficability predictions - Predicting soil properties	Isabelle Bergkvist Jussi Peuhkurinen Samuli Launiainen Jori Uusitalo	Vihti, 4
12:30-14:00	Lunch break/ Bus Transportation to Karkkila site (Map 3)		
14:00 – 15:00	Forest operations Metsägroup/Finnsilva operations Visit logging site Advanced product recovery predictions	Hannu Pirinen Harri Viitaniemi Jari Vähäsarja Lars Wilhelmsson	Karkkila
	<i>Afternoon coffee, served on the site</i>		
15:00-16:00	Precision Forestry - Species selection Pros and cons of Precision Forestry Forest route planning - Bestway - Ajourakone	Timo Saksa Harri Lindeman Erik Willén Heikki Ovaskainen Marko Määttä Sakari Sarjakoski	Karkkila
18:00-20:00	Sauna and swimming at Allas Sea Pool Please bring your own swimming suit with you! https://www.allasseapool.fi/en/info	Say <i>Natural Resources Institute</i> at the cash desk to get your free ticket	Allas Sea Pool, Katajanokanlaituri 2a
20:00-	EFFORTE Farewell dinner	Those going from Allas Sea Pool meet at 19:50 in front	Restaurant Sipuli, Kanavaranta 7

EFFORTE Business Forum – UPM Biofore House

EFFORTE Business Forum summarizes key findings of the EFFORTE projects and provides broad discussions about the most important R&D questions within the field of environmentally sound forest operations.

The seminar is open for EFFORTE partners, shortlisted group of the most important industrial partners in this field and media.

Wednesday, June 19

Time	Topic	In charge
8:30-8:50	Welcome to UPM Opening words	Heikki Ilvespää, UPM Vice President, R&D Leena Paavilainen, Luke Vice President
8:45	EFFORTE – Key findings Soil mechanics and Trafficability Efficient Silviculture Big Data applications Dissemination and exploitation of EFFORTE outcomes	Jori Uusitalo, Luke Phillipe Ruch, FCBA Timo Saksa, Luke Erik Willén/ Isabelle Bergkvist, Skogforsk Morgan Vuillermoz, FCBA
10:20	Coffee Break	
10:40	What did we gain? Future expectations? Industrial partners' feedback about the outcomes of the project - Finland - Sweden - France - Scotland	Timo Niemelä, UPM Carl-Johan Olsson, Södra Magnus Bergman, SCA Didier Pischedda (ONF) Damien Francois (F&BE) Ian Stewart, UK
11:50	Closing words Summary	Jori Uusitalo
12:00	End of the Forum	Jori Uusitalo