

ForOps

Digitally Connected Forest Operation Value Chain

ELMO HIA projects Kick-off

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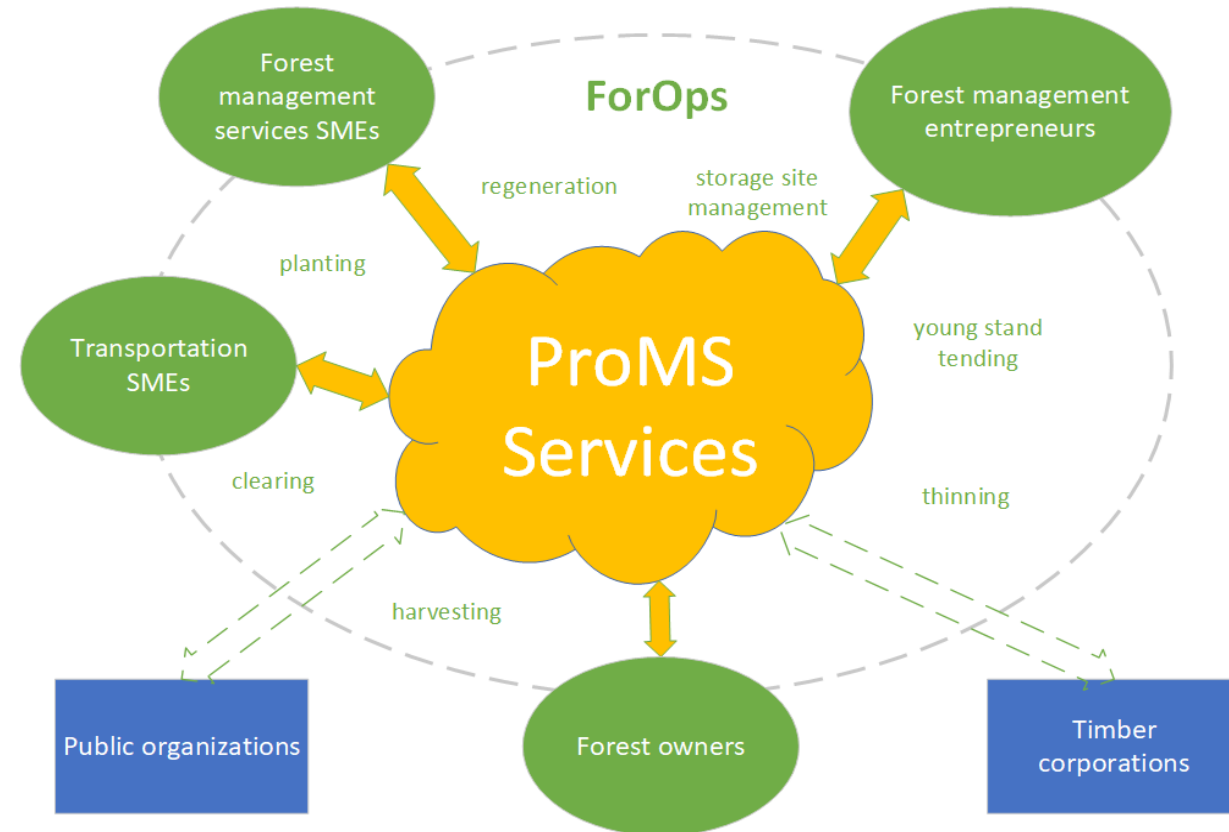
Motivation

- Forest management work debt is becoming a major problem, especially in sparsely populated areas
 - Young stand tending
 - Other clearing
 - Thinnings
 - ...
- Chain of forest operations is usually spread between various specialised service providers. Better information sharing between the operators as well as with forest owners is needed to maintain the value of our forest resources:
 - Different SME's
 - Subcontractors
 - Private entrepreneurs
 - Forest owners
 - Public organizations
- The concrete need from our existing customer Rajaforest Oy and its local business network operating in Kitee, North Karelia



The solution: ForOps

- ForOps: General silvicultural work assignment, tracking and reporting platform
 - EASY TO ACCESS and fast to take in to use without long commitments
 - PROMOTES enhanced and more efficient cooperation between various forest service providers, individual entrepreneurs and forest owners.
 - HELPS in division of work in forestry sector, improving the overall capacity to manage and maintain valuable forest resources.
 - INFORMS the forest owners about the need for maintenance in their forests



The consortium

- The Lead Partner and Direct Beneficiary is Oy Arbonaut Ltd
 - Project coordination
 - Platform development
- Lapland University of Applied Sciences
 - Service Provider
 - Timber Value Chain Enhancements & Research
 - Bottlenecks and future development ideas.
- Rajaforest Oy
 - End User
 - Forest management services in Kitee, North-Karelia
 - Part of a local business network of forest service operators
 - Testing the system

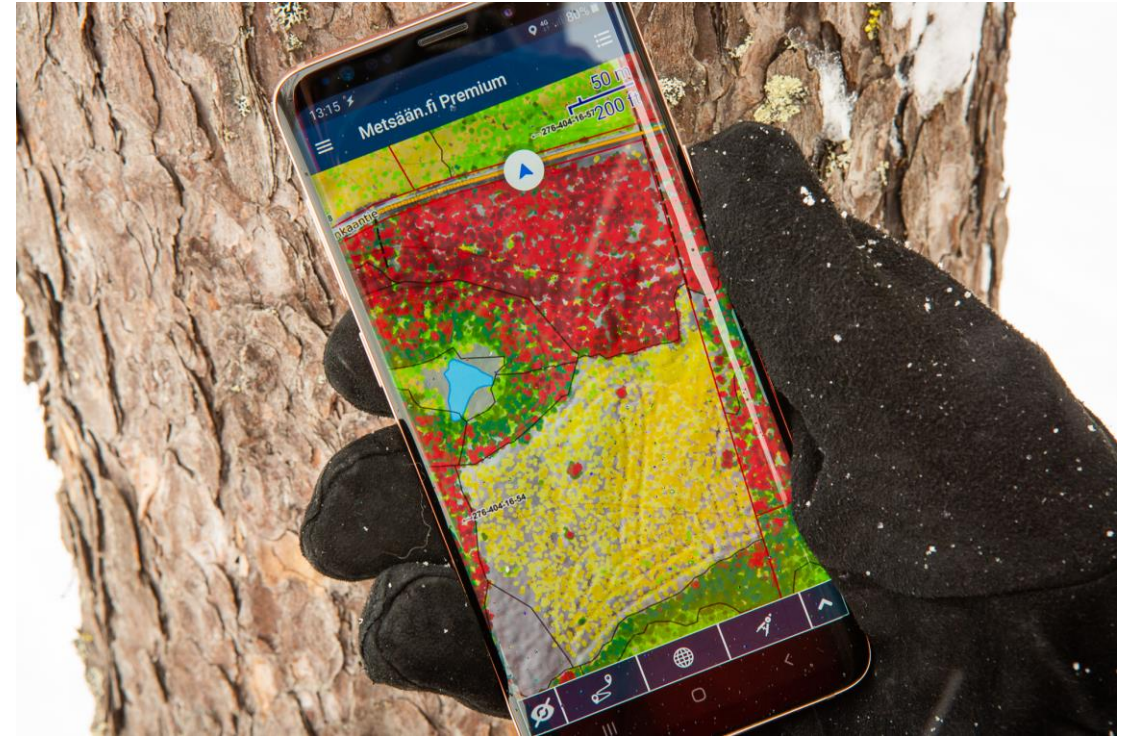
arbonaut

LAPIN AMK⁷
Lapland University of Applied Sciences

 **RAJAFORREST OY**

Implementation

- Development for Arbonaut ProMS - cloud based GIS platform to raise the level of work management functionalities (to TRL 7)
 - Technical improvements to support more fluent information sharing and reporting using ProMS Mobile
 - Improvements to the system permission control
 - Improvements to the work tracking features
 - Technological goal: To have a usable system for pilot stage customers
- Rajaforest with its local business network partners will test the implemented functionalities in real operational environment
- Lapland UAS will study the solution and also investigate other potential use cases in timber sector and beyond



ProMS



Kiitos!

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