


Description of best practice

Best practice	
Title	WoodForce
Picture	
Domain	Logistics Sustainable management and planning
Source of wood	Stemwood
Location	Finland
Implementers	Forest companies
Actual status	Running
Approach	WoodForce is a planning- and steering system for harvesting and silviculture to optimize and strengthen the supply chains of forestry. Forestry company delivers all the contracts the WoodForce-system according to the need of raw material. The contractor selects the contracts and the locations he will perform.
Main results	WoodForce supports a changing trend where progressive companies now contract for several forest companies and do the planning with one system. Since the contractor understands local conditions best, forest harvesting operations become more efficient: the contractor has direct control over work plans and scheduling his own fleet of harvesters and trucks.
Lessons learned	<p>Forest companies have decreased harvesting and average costs in Silviculture or Regeneration job types.</p> <p>There has been increasing productivity in supply chain of stem wood and energy wood. Also increasing productivity in field operations in Forestry like Silviculture Harvesting Forest Services.</p> <p>Contractors have ability to manage their own forestry services and receive the full benefit of all resources.</p> <p>Possibility to operate for multiple forest companies is important. In addition, there is less manual reporting and worksite navigation is easier.</p>

Contact information	woodforce@trimble.com
Link to website	https://www.woodforce.fi/en/
Code	BP_FI_18

Best practice assessment

Region	Finland
Time scale	Running
Mobilization Potential	Not possible to assess
Kind of wood concerned	Stemwood, Above and below ground woody biomass
Sustainability Potential	Medium
Impact on environment & biodiversity	Medium
Ease of implementation	Easy
Economic impact	Positive/ Less costs of harvesting
Job effect	Positive
Income effect	Positive
Specific knowledge needed	Digital expertise combined to forestry expertise
Costs of implementation	Medium
Technical readiness level	Applicable
Key information for adoption	Good communication is needed with all stakeholders