Description of best practice

Best practice	
Title	Joint wood terminals
Picture	
Domain	Infrastructure, logistics
Source of wood	Stemwood, energy wood
Location	Finland
Implementers	Wood procurement companies
Actual status	Running
Approach	One of the challenges in wood mobilisation are small-scale wood units within long distance from nearest roads. These units are not profitable for harvesting, since forest and long-distance transportation are of high costs. The answer to the challenge might lie in bigger wood terminals where wood from multiple small-scale units would be gathered from the same area for intermediate storage. In general, storing the wood is sensible at a distance of about 100 to 150 km from the site of use. The best location for intermediate storage is at the beginning of forest roads. In Lapland, for instance, a few big terminals have been built close to railway to advance the efficiency in wood transportation by train. In the provinces, larger terminals are usually located mainly according to the needs of industry and large forestry companies. Benefits of common terminals occur especially in wintertime, when maintenance of storage area could be done commonly or by certain terminal operator. The joint terminals are well suited for energy wood and wood for which the need for storage is at a different time. This allows continuous use of area.

Main results	Joint wood terminals of forest companies for short-term storage of wood. Profitable harvesting from small-scale unit also. Efficiency in wood transportation by train. Less environmental effects because of centralized terminals.
Lessons learned	Operating culture, various practices and lack of cooperation of the actors are experienced to restrict the wider deployment of common terminals. However, increase in wood flows will require building more terminals. There is a need for more joint terminals, but it requires co-operation between forest service providers. It would be highly useful to gather the intermediate storage places in one map-based spatial database, which would be open-accessed for all the service providers. This would advance bringing together different actors in wood procurement chain.
Contact information	
Link to website	
Code	BP_FI_10

Best practice assessment

Region	Finland
Time scale	Running
Mobilization Potential	High
Kind of wood concerned	Stemwood, energy wood
Sustainability Potential	Positive
Impact on environment & biodiversity	Environmental effects burdening only big terminals instead of several small terminals.
Ease of implementation	Medium
Economic impact	Cost-effectiveness in joint maintenance of terminal and in transportation.
Job effect	Positive
Income effect	Positive
Specific knowledge needed	
Costs of implementation	Medium
Technical readiness level	Applicable
Key information for adoption	Involve all relevant stakeholders in the development.