


Description of best practice

Best practice	
Title	Assortment simulator (SorSim)
Picture	
Domain	Sustainable management and planning
Source of wood	Stemwood
Location	Switzerland
Implementers	Swiss Federal Institute for Forest, Snow and Landscape Research (WSL)
Actual status	Running
Approach	IT-based simulation (SorSim) for revenue estimation for single trees or tree stands. Modelling of the stem form, height, diameter at breast height (DBH) from tree species. Supports decision makers in production- and utilization processes
Main results	SorSim allows an adequate calculation of the revenues of single trees and tree stands with the information's of quality, quantity and the assortment. The information basis includes: tree species, tree age (height), stem-form
Lessons learned	SorSim is an IT based tool which allows to predict values on single tree-level and tree stands
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Link to website	https://www.wsl.ch/en/projects/sortimentsimulator-sorsim.html
Code	BP_CH_07

Best practice assessment

Region	Switzerland
Time scale	2012 - 2020
Mobilization Potential	- 10 m ³ /ha
Kind of wood concerned	Stemwood
Sustainability Potential	Positive
Impact on environment & biodiversity	Positive
Ease of implementation	Easy
Economic impact	Lowers costs and enhances revenues
Job effect	Positive
Income effect	Positive
Specific knowledge needed	Silvicultural knowledge
Costs of implementation	Few working hours
Technical readiness level	Immediately applicable
Key information for adoption	Knowledge about key figures of single trees and tree stands