


Description of best practice

Best practice	
Title	Cascading use of wood
Picture	
Domain	Sustainable management and planning
Source of wood	Stemwood
Location	Vinkovci, Vukovar-srijem County, Croatia
Implementers	Spačva company, Vinkovci, Croatia
Actual status	Running
Approach	<p>1st step- debarking. Bark is used in energy production for dryers, dry kilns, steaming and heating systems. 2nd step- preparation of logs for processing on veneer machine. Saw dust and wood residues are used for pellet production and low-quality veneer parts. Flitch residues are dyed and processed in sawmill. Quality parts are used for floor/door production and low-quality parts for pellet/briquette production. Veneer sheets are used also. Elements made in finishing sawmill are cut to size and used for floors and doors production. Residues are used for briquette and pellet production.</p>
Main results	<p>Spačva's final products are doors, several types of floors, veneer, pellet and briquette, as well as heat. Spačva company, in context of cascading use of wood, presents a good example of producing six various final products from wood. Raw wood material is fully utilized. One final product is made in every processing step and residues are used for further production. Only residue left from entire process is ash which can be used as fertilizer in agriculture – bringing it back to the eco-system which is being researched. In this way of production organization, efficiency in using of forest resource in the form of logs, is significantly increased. As a result, company expended its product line, increased productivity, competitiveness and market share.</p>
Lessons learned	<p>Still, there are opportunities for enhancement in new technologies and new possibilities for ash exploitation. Cogeneration project is</p>

	in preparation for bringing additional cascade in cascading use of wood and to bring additional added value in this value chain. Also, there are possibilities for re-using and recycling of final products as veneer, floors and doors after their end of lifetime.
Contact information	Ivan Perković Member of the Board Spačva company Duga ulica 181, 32100 Vinkovci, Croatia Tel. +385 (0) 32 303 066 ivan.perkovic@spacva.hr
Link to website	https://spacva.eu/
Code	BP_CRO_01

Best practice assessment

Region	Vukovar-Srijem County
Time scale	2012 -
Mobilization Potential	m ³ /ha – Not applicable
Kind of wood concerned	Stemwood
Sustainability Potential	Very positive
Impact on environment & biodiversity	Positive impact on biodiversity and forest preservation in context of sustainable wood mobilization
Ease of implementation	Medium. Company implemented described production organisation and continuously invested in improvement of skills and knowledge.
Economic impact	9% increase of company turnover in 2017 comparing to 2016 15% increase of company turnover in 2018 comparing to 2017
Job effect	Company employs 890 people – 300 new people employed in last 7 years
Income effect	Positive - increasing
Specific knowledge needed	Knowledge and skills in wood technology
Costs of implementation	Big
Technical readiness level	Ready for implementation
Key information for adoption	Knowledge in wood technology