

Description of best practice

Best practice	
Title	Pana d.o.o. - Cascading use of wood in production process for hard floors
Picture	
Domain	Sustainable management and planning
Source of wood	Stemwood
Location	Čakovec, Croatia
Implementers	Pana Ltd, Čakovec, Croatia
Actual status	Running
Approach	<p>PANA Ltd. was founded in 2002 as a subsidiary company from Međimurjeplet and continued a long tradition of one of the oldest wood processing plants, established in 1911 in Turopolje region. The company developed own production of parquet as a base activity. Adhering the roots of the wood industry, power and industrial sustainability PANA production is reflected in the industrial complex on 14 650 m², which applies modern technology and innovation. It employs 140 workers. In processing and production, the most commonly used wood is oak.</p>
Main results	Wood waste, generated during the production process through a modern and ecologically set up boiler room, is used as a fuel for

	<p>heating of the working space and 1500 m³ drying capacities. To maximize advantages of these precious raw materials, in 2015 we installed and put into operation a plant for the production of wood briquettes and a modern cogeneration plant for electricity production with a capacity of 1MW, by which we fully complete the biological cycle.</p>
Lessons learned	<p>The excellence of the work and the competitiveness of the company PANA Ltd. have been recognized in the domestic and the international market. The dominant part of production, 90 percent, is related to foreign equity, while the responsibility for nature and the environment is confirmed by the prestigious FSC certification (the Forest Stewardship Council; The FSC), which guarantees the respect of high ecological, social and economic standards of forest management.</p>
Contact information	<p>Ana Marija Sobočanec Dujić Zagrebačka 42, Čakovec, Croatia +385 40 492 550 info@pana.hr</p>
Link to website	<p>https://www.pana.hr/en/kontakt/</p>
Code	<p>BP_CRO_04</p>

Best practice assessment

Region	Croatia
Time scale	2015 -
Mobilization Potential	40,000 m ³
Kind of wood concerned	Wood waste
Sustainability Potential	Positive
Impact on environment & biodiversity	Positive
Ease of implementation	Medium
Economic impact	Annual production and process 40,000 m ³ of wood and produce 450,000 m ² of classic solid, "Liston" and the massive rural floor.
Job effect	Better use of resources
Income effect	Positive
Specific knowledge needed	The implemented technology is known process
Costs of implementation	High
Technical readiness level	Applicable immediately
Key information for adoption	Cascading use of wood;