









Increasing Productivity of Regional Forest Fuel Supply Chains Using Process Management Tools

Matthias Kolck \$, Peter Rauch \$, Ulrich Wolfsmayr \$, #

- \$ Holzcluster Steiermark GmbH
- * Institute of Production and Logistics, University of Natural Resources and Life Sciences, Vienna
- # Correspondence: ulrich.wolfsmayr@boku.ac.at, Feistmantelstrasse 4, 1180 Wien, www.boku.at





Universität für Bodenkultur Wien

Department für Wirtschafts- und Sozialwissenschaften

About FOROPA

The transnational project FOROPA aims at strengthening the competitiveness of forest fuel in the energy market in South East Europe and beyond. Moreover, it intends to promote and strengthen clusters and networks within the bioenergy sector in Southeast Europe. The project includes 12 partner organisations from 0c ocuntries – Austria, Bosnia-Herzegovina, Greece, Italy, Romania, Serbia, Slovakia, Slovenia, Switzerland and Ukraine. FOROPA is funded within the ETC SEE programme and runs from Dec 2012 until Nov 2014.

Applying process management tools

Existing regional forest fuel supply chains were analyzed and evaluated in detail. Firstly, the current state of specific supply chains in each country was documented by guided interviews. Based on that, supply chains were analysed and mapped using business process modelling notation 2.0 (BPMN 2.0). The standardised method can be used for improving the productivity of supply chains. Moreover, reference processes have been identified and should be used for knowhow transfer within Southeast Europe.

Further steps in the project

In the current state of the project, good practice examples are selected and evaluated by each partner. Based on these examples, pilot applications are developed in order to promote further developments within the sector.

High quality wood chips in Styria

As example for the analysed supply chains in Austria we show the supply chain for quality wood chips in Styria. Via business process modelling it is possible to show its complexity.

High quality wood chips are produced exclusively from stem wood, show constant grain size with low fines and are suitable for the use in small-scale boilers in private households.

References

www.foropa.eu

Wolfsmayr U and Rauch P (2013) Transportketten forstlicher Biomasse – Stand der Technik und Innovationen. Schweiz Z Forstwes 164(12), 365-373

