

Poland	Marek Hryniewicz
<i>Institution</i>	Institute of Technology and Life Sciences
<i>Position</i>	Assistant
<i>Field of work</i>	Bioenergy

Experience

<i>About the feedstock, processing & conversion</i>	In Poland legal regulations of the feedstock are affected by the national law with taking into account of EU regulations. The price of the material is 5 €/t. And owner of the material are land owners or company which is doing LCMW according to a contract.
<i>Policies, finance tools and legal regulations</i>	The LCMW is carried out on legal basis of national law. The most evident policies regulating the LCMW is preparatory land-use plan. LCMW is funded by municipal administrations. Feedstock material is transported on legal basis of waste management law. In Poland exist waste management program which is based on centres for waste management. All materials should be transported to these centres and processed there for e.g. compost. The price of transport of the material is about 0,7 €/t km. And this price pays waste owners. The material is exploited on legal basis of renewable energy act and other acts for emission control. The government promotes the energy recovery of landscaping material by renewable energy act and regional strategies for regions development. Interviewee does not know about any subsidies or grants related to utilizations of given feedstock. But he knows about the norms for pellets and briquettes based on EU regulations. His experience with certification system is, that each biomass processor can apply to a specialized firm in certifications (e.g. TÜV) for certification process conduction, for given product (pellets or briquettes).
<i>Difficulties & barriers</i>	LCMW material occurs in too small quantity according to market demand on biomass. It is very small fraction of biomass demand. Other biomass sources (as e.g. energy crops) are more significant for pellets or briquettes production in Poland. For economic profitability, biomass should be processed in big quantities in compare with available LCMW material amount. There are needs for profitable, small technologies, for biomass processing from LCMW material.
<i>Potential drivers & recommendations</i>	Difficulties are connected to economic questions, which are preventing from solving problems with LCMW material processing. Policy could encourage the energetic use of LCMW feedstock by grants and research above new profitable small scale technologies for biomass processing. There are also available general funds for new technologies elaboration. Improvement can be done by elaboration a processing line which could be in container or containers. These containers could be transported to places of origin of LCMW material. It should decrease logistic costs and make more profitable biomass processing.

Contact information **Interlink**

marek.hryniewicz@wp.pl
 +48 22 542 11 04, Rakowiecka 32, 02-532 Warszawa, Poland

