Description of best practice

Best practice	
Title	Laboratory for the forest biomass analyses
Picture	
Domain	Laboratory for solid biofuels
Source of wood	All types, wood for biomass production
Location	Zagreb, Croatia
Implementers	Faculty of Forestry, University of Zagreb, Croatia
Actual status	Running
Approach	Laboratory for forest woody biomass is established to be a central place for investigation and quality control of forest biomass for energy in Republic of Croatia. The laboratory was established and equipped as any other EU lab of similar purposes with concept that should answer on scientific need of faculty employees, educational needs of students, and for providing services to economy subjects. Laboratory analysis is crucial for systematic monitoring of solid biofuels quality in production and transport chain of raw material (forest biomass) from producers to end users.
Main results	The analysis is executed according EU/International norms for solid biofuels (HRN EN;HRN EN ISO) and laboratory staff is involved in work of Technical committee 238 for solid biofuels of Croatian Standards Institute. With continuous education, intensive inter-laboratory cooperation and persistent work on establishing and securing of the quality control system this Laboratory will provide possibilities for solid biofuels producers to examine their products according to EU standards, to improve technological processes and put products on national, EU or world market with all needed declarations.

Lessons learned	It was needed to make improvement of quality information on biomass for energy and to provide better market positions for our producers.
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Code	BP_CRO_03

Best practice assessment

Region	Zagreb, Croatia
Time scale	2016 -
Mobilization Potential	-
Kind of wood concerned	Biomass for energy
Sustainability Potential	Positive
Impact on environment & biodiversity	Positive
Ease of implementation	Easy
Economic impact	-
Job effect	Improved information on biomass quality
Income effect	Positive
Specific knowledge needed	Laboratory knowledge
Costs of implementation	High
Technical readiness level	Applicable
Key information for adoption	Central research and forest biomass quality control place