

SolidStandards

Quality and sustainability standards for solid biofuels

Wolfgang Hiegl, Rainer Janssen WIP – Renewable Energies, Munich













Background



- Solid biofuels: Fire wood, wood chips, pellets, briquettes, non-woody biofuels
- New CEN (and ISO) quality standards: EN14961/15234
- Sustainability: policy decisions and standards
- SolidStandards aims:
 - Increase standard implementation in the industry
 - Contribute to the development and improvement of standards and policy frameworks through industry feedback collection



SolidStandards training



 Training for industry representatives on the implementation of EU quality standards

Development of a training concept covering the whole

range of solid biofuels

• 35 training events in 11 countries

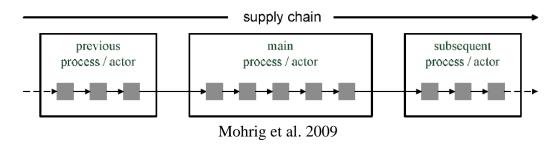




Standards implementation



- Implementation of EU quality standards in 7 selected companies
- Feasibility studies
- Product testing
- Quality assurance and control
- Workshops
- Please contact us!





Sustainability



- EC decision on sustainability requirements for solid biofuels: Workshop
- Overview and analysis of sustainability certification schemes
- Practical case studies





Industry feedback collection



- Contribution to the development of supportive frameworks
- Improvement of existing standards
- Feedback collection during training events and via online tools
- Discussion of results with standardisation bodies and technical committees





Project facts



- Co-funding from Intelligent Energy Europe
- Project duration: April 2011 March 2014
- Find out more soon: www.solidstandards.eu
- Consortium:



























THANK YOU VERY MUCH FOR YOUR ATTENTION!!



Contact

Rainer Janssen, Wolfgang Hiegl

WIP – Renewable Energies Sylvensteinstrasse 2 81369 Munich, Germany

www.wip-munich.de





rainer.janssen@wip-munich.de wolfgang.hiegl@wip-munich.de