



Project Acronym : Gasification Guide

Project Title : Guideline for Safe and Eco-friendly Biomass Gasification

Coordinator : BTG - Biomass Technology Group (Netherlands)

Website : <http://www.gasification-guide.eu/>

ABSTRACT

Biomass gasification technology for small-to-medium scale power generation is close to commercialisation but various factors hamper large-scale implementation. One obstacle is the poor awareness and lack of understanding of health, safety and environment (HSE) issues. Permitting and regulatory authorities tend to impose unrealistic, unnecessary restrictive and thus costly HSE requirements on gasification plants. This project aims to develop an accepted guideline and a software tool on potential HSE hazards that will accelerate the process of market introduction and commercialisation of biomass gasifiers. Target groups include technology developers, equipment manufacturers and operators, policy makers, permitting authorities, and others.

PARTNERS

Biomass Technology Group BV – BTG - **The Netherlands**; Fraunhofer Institute for Environmental, Safety, and Energy Technology - UMSICHT. – **Germany**; COWI A/S – **Denmark**; Graz University of Technology – Institute of Thermal Engineering – IWT - **Austria**; Vienna University of Technology – **Austria**; Technical University of Sofia – **Bulgaria**; Health & Safety Executive – HSE – **United Kingdom**.