# **Workshop Registration**

Biomass – Energy Without Frontiers Karlsruhe, March 21<sup>st</sup>, 2013

Title, Name

First Name

Function

Organisation

Street

ZIP Code, City

Phone

email

The participation is free of charge but the number of seats is limited. The workshop language is English Please register via email biomass-workshop@eifer.org or Fax: +49 721 6105-1332 until March 10<sup>th</sup>, 2013

Hotel reservations: Please contact the Karlsruhe tourist information service: http://www.karlsruhe-tourismus.de/



### Workshop Organisation

Karlsruhe Institute of Technology KIT Dr. Joachim Fuchs (Renewable Energies Programme Coordinator)

European Institute for Energy Research EIFER Francis Cladt (Group Manager "Bio- and Geothermal Energy")

## Contact

EIFER Emmy Noether Str. 11 76131 Karlsruhe

 Phone:
 +49 721 6105-1330

 Fax:
 +49 721 6105-1332

 E-Mail:
 biomass-workshop@eifer.org

### How to find the venue

Meeting Room "BERLIN" TPK - Emmy Noether Str. 11 - Karlsruhe

<u>http://www.eifer.uni-</u> <u>karlsruhe.de/spip.php?article22</u>

www.kit.edu - www.eifer.org

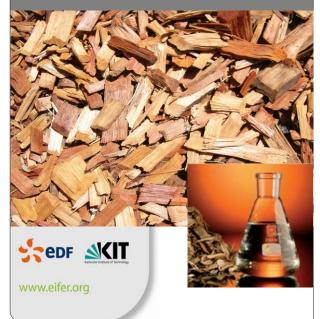


# **Biomass – Energy** Without Frontiers

Joint KIT-EIFER Workshop Celebrating the 50 years of the Elysée Treaty

# Karlsruhe March 21<sup>st</sup>, 2013

## **INVITATION & PROGRAMME**



KIT – Universität des Landes Baden-Württemberg und nationales Forschungszentrum in der Helmholtz-Gemeinschaft EIFER - Europäisches Institut für Energieforschung EDF-KIT EWIV

# Background

"Frankreich zu Gast am KIT" – France visiting the KIT: Under this umbrella the KIT is hosting multiple events from March 18<sup>th</sup> to 22<sup>nd</sup> demonstrating French-German cooperation on the occasion of the 50<sup>th</sup> anniversary of the Elysée Treaty. The European Institute for Energy Research EIFER and the Karlsruhe Institute of Technology KIT are therefore jointly organising the workshop entitled "Biomass: Energy without Frontiers".

This workshop will provide insights into the fascinating theme "Biomass" covering the whole supply chain ranging from the mobilisation of the resource to innovative conversion technologies. Workshop topics include solutions for isolated villages based on actual case studies, biomass conversion through combustion as well as innovative methods to recover its components for a subsequent use as energy carrier or raw material. The intended audience of the workshop does not only include research and academics but also the interested public.

# Programme

## Introduction

- 09:00 Registration and coffee
- 09:30 Welcome and Opening Dr. Jean Copreaux, Director of EIFER Prof. Dr. Jörg Sauer Head of KIT Institute of Catalysis Research and Technology

#### Biomass as a local energy source

- 09:45 Development of local energy concepts at a village scale: Comparison of a French and a German approach David Eyler, EIFER
- 10:05 Biomass gasification in Corsica from the resource to the solution Dr. Az-Eddine Khalfi, EIFER
- 10:25 Sustainable biomass use on the Upper Rhine: presentation of the INTERREG Project "OUI biomass" David Balussou, KIT DFIU
- 10:45 Discussion
- 11:00 Break

# Programme

#### Environmental impacts of biomass use

11:20 Environmental impacts of energy supply from biomass: case of fine and ultrafine particles
Prof. Dr. Gwénaelle Trouvé, Laboratoire Gestion des Risques et Environnement, Université de Haute-Alsace Mulhouse

#### Innovative biomass technologies

- 11:40 Bioliq the route from residual biomass to sustainable fuels Prof. Dr. Jörg Sauer, KIT IKFT
- 12:00 Pulsed electric field treatment for microalgae biomass processing Dr. Wolfgang Frey, KIT IHM
- 12:20 Discussion
- 12:35 *Concluding remarks* Dr. Joachim Fuchs, KIT Francis Cladt, EIFER
- 12:45 End of the Workshop

#### **Buffet Lunch**