



## 24 April 2008 – INTERNATIONAL WORKSHOP

### Tools for solid biofuel trade

European standards and international database of fuel properties

24 April 2008 from 11.00 - 17.00

Tallinn Technical University, Kopli 101, Tallinn

Workshop for fuel traders, producers, users, laboratories carrying out fuel analysis

#### Objectives and the scope of the workshop

To present the CEN methods for solid biofuels and database of the biomass fuel properties. CEN pre-standards are now upgraded to EN-standards and market actors have good possibility to influence in the content of the standards and also to hear about the use of these standards in solid biofuel trade. Database helps to find analysed information on different type of solid biofuels.

#### Programme of the workshop

**10.00 Registration and Coffee**

**11.00 Welcome by PHYDADES project group and Tallinn University of Technology**

*Prof. Aadu Paist, Tallinn Technical University & Jan Pels, ECN*

**Fuel specification and classes and quality assurance – case pellets**

*Eija Alakangas, VTT, convenor of CEN fuel specification working group*

**Sampling – important for analysis of properties – experiences**

*Björn Hedman, SLU*

**13.00 Lunch break** (coffee or lunch at cafeteria)

**13.45 Process and final product control at wood pellet factory**

*Kuido Kuntro, Kalvi Mõis Ltd*

**Chemical analysis of solid biofuels – most important properties for combustion**

*Fritz Bakker, ECN, convenor of CEN chemical analysis*

**Demonstration of database of fuel and ash properties (Biodat DATABASE)**

A new database is being set up. It replaces the existing Phyllis database (<http://www.phyllis.nl>). Main improvements are the inclusion of analysis standards and standardized biofuels classification system.

**Discussion**

*Jan Pels, ECN, coordinator of Phydades project*

**17.00 End of programme**

## Hotel and venue of workshop

Hotel recommendation. Here some links to hotels you can make online registration.

<http://www.tallinnhistoricalhotels.com/> St Olavi hotel or Olavi residents

<http://www.bern.ee/en/#2>

<http://tallinn.radissonsas.com/>

Map of Tallinn can be found on webpage at [www.tallinn.ee](http://www.tallinn.ee)

Using searching tool by address the location of the Workshop can be found. From Tallinn centre the best way is to get the trams No1 or 2 to end stop (about 20 minutes from the centre). On the workshop location, the tram turns around circle and can be easily noticed.

## Registration

Please note that total number of participants is limited to 50 persons. The workshop is free of charge for participants for European Union.

Language of the workshop is English. Presentations will available after the workshop as pdf-files on Phydades web page.

Name	Organisation, country	Email	Telephone

Send this information by email to Teet Parve or by fax +372 620 3901 no later than 18 April 2008.

## More information

For further information on the Workshop and registration, please contact Mr *Teet Parve* ( [tparve@staff.ttu.ee](mailto:tparve@staff.ttu.ee) ), +372 564 1987 or visit Phydades webpage.

**[www.phydades.info](http://www.phydades.info)**