

On-job training for analysis of solid biofuels



The Phydades project organises on-job training for laboratory staff. The training is carried out in Finland, Sweden, Austria and Spain. Training takes place in the leading fuel analysis laboratories, which are using CEN solid biofuel analysis methods. The on-job training period is 2–4 weeks in autumn 2008 or spring 2009. Each host organisation will have 2–5 participants for their on-job training period. Each participant will work in the laboratory supervised by the experienced staff of the host organisation. The trainees write working instructions in their own language of the analysis, which they have learned by doing. Before the training, a short introductory workshop is organised to present CEN solid biofuel analysis and to set targets for training.

Content of the on-job training

- Pre-work of the applicant (including the bioenergy situation and fuel analysis practices in own country), submitted with the application
- One day introductory workshop; presentation of host organisation, introduction to standards and fuel analysis, and training plan for each participant
- Pre-treatment of fuel analysis samples
- Laboratory work carrying out fuel analysis and writing work instructions in own language
- Introduction to other solid biofuel analysis methods that were not selected for laboratory training
- Evaluation of the training period (questionnaire) and participation diploma

Most important fuel analysis, which are carried out during the training period:

- Moisture content of fuel, CEN/TS 14774
- Particle size distribution, CEN/TS 15149
- Calorific value of fuel, CEN/TS 14918
- Ash content, CEN/TS 15775
- Mechanical durability of pellets, CEN/TS 15210
- Chemical composition, various CEN methods

Host organisations and schedule

- VTT, Espoo, Finland: October 2008
- ENAS Oy, Jyväskylä, Finland: October 2008
- OFI, Vienna, Austria: February to May 2009
- BELAB, Norrköping, Sweden: February to May 2009
- AICIA, Seville, Spain: 19–30 January 2009

How to apply for the on-job training?

Fill in and return the application form and CV template. The forms are available on the website (www.phydades.info > On-job training). Applications that are received by **15 December 2008** are valid for the final selection of trainees. The applicant should have good skills in spoken and written English or one of the languages of the host organisation. Further, experience of laboratory work or basic knowledge of chemistry is required. Training will be carried out in Finland in English or Finnish, in Sweden in English or Swedish, in Austria in English or German or Polish, and in Spain in English or Spanish.

Training is free of charge for the selected participants; accommodation and travel costs are paid by the participant or his/her company.

Hosts

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www.phydades.info