

PHYLLIS Database Dissemination, Education and Standardisation

PHYDADES

January 2007 – December 2009

30 June 2008

Contract Nr. EIE-06-042

PHYDADES

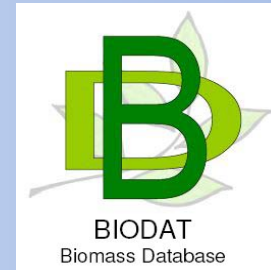
Intelligent Energy



Europe

PHYDADES Project Summary

- BIODAT, a new database with reliable data on
 - biomass fuels (solid, liquid, gas)
 - biomass ashes
- Standardized methods (CEN)
 - fuel classification
 - analysis methods
- Education on standards
 - workshops in Eastern/Southern Europe
 - on-the-job training in laboratories



Motivation for PHYDADES Action

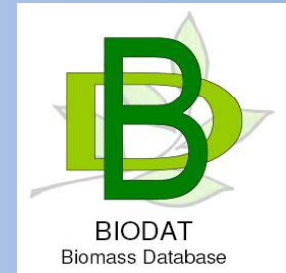
- Standards stimulate trade everywhere, also in biomass fuel trade
 - buyers and sellers know what they trade
 - good for quality control and process control
- The Baltic Region, Eastern and Southern Europe are expected to produce massive amounts of biomass fuel
 - export of biomass fuels in standardized forms and quality will stimulate local economy, needed in particular in New Member States
 - those countries not accustomed to the use of (CEN) standards
 - they ask for education in the use of standards for biomass fuels
 - businesses look for reliable background information on biomass fuels
 - and they want affordable biomass fuel analyses from local laboratories

PHYDADES Objectives and Main Steps

- Building of BIODAT Database
 - only reliable data, collected from partners and elsewhere
 - accessible for the whole world, free of charge
- Workshops in Estonia, Poland, Romania and Spain
 - to educate on benefits of (CEN) standards in bio fuel
 - for biomass producers, traders, buyers
- Training of laboratory technicians
 - practical use of standardized analysis methods
 - in Eastern/Southern Europe, where use of (CEN) standards for analysis is new

Expected Results of PHYDADES Action

- Free, public database to replace PHYLLIS
 - filled with reliable data
- Widespread understanding of the importance of using standards in biomass fuels
 - first workshop in Estonia was successful
- Educated key personnel in local laboratories that can perform standardized analyses for biomass fuel producers, traders, etc.



PHYDADES Partners and Contact

- ECN (Energy Research Centre of the Netherlands), Netherlands
- VTT (Technical Research Centre of Finland), Finland
- SLU (Swedish University of Agricultural Sciences), Sweden
- IPIEO (Institute for fuels and Renewable Energy), Poland
- TUT (Tallinn University of Technology), Estonia
- AICIA (Ass. Research and Industrial Coop. Andalusia), Spain
- ETA Florence Renewable Energies, Italy
- OFI (Austrian Res. Inst. for Chemistry and Technology), Austria
- ENAS oy, Finland



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<http://www.phydades.info>

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