



BIOFMET stakeholder's committee meeting

May 30th, 2023, 9:00-11:00 CEST

Jan Nielsen, Danish Technological Institute (DTI)





Aim:

To optimize energy production based on solid and liquid biofuels through more accurate and faster determination of parameters impacting the calorific value (moisture, impurities, ash-content)

The project is interdisciplinary between thermal and chemical quantities

Objectives:

- To develop traceable online measurements for water content in solid biofuels,
- To develop improved methods for the sampling of biofuels
- To develop validated methods for the online measurement of ash content.
- To develop validated methods to determine the amount and nature of impurities in liquid biofuels
- To develop a traceable method for the online determination of the calorific value of liquid biofuels



Partners



PARTICIPATING EURAMET NMIS AND DIS

CMI (Czech Republic)

DTI (Denmark)

IMBiH (Bosnia and Herzegovina)

INM-RO (Romania)

LNE-CETIAT (France)

PTB (Germany)

UME (Turkey)















OTHER PARTICIPANTS











České Vysoké Učení Technické v Praze (Czech Republic)

Instituto Superior Tecnico (Portugal)

Prometec Tools Oy (Finland)

Université d'Aix-Marseille (France)

Verdo Produktion A/S (Denmark)





The Stakeholder Committee

The **stakeholder committee** has representatives of the main stakeholder group:

- Standardisation bodies, Laboratories, RMO's, trade- and industry associations, producers and traders of biofuels, operators of biofuel fired powerplants, companies delivering services and instrumentation for process automation and optimization
- The aim of the stakeholder committee is to clarify the needs of the various interested parties and to feed these into the project
- The stakeholder committee is encouraged to disseminate project results to create the highest possible impact





Meeting aims and objectives

- To present (some of) the results of the project
- To get feed-back on the work and get input to identify next steps, e.g.
 - New services needed
 - Input to standardization
 - How to spread the good news
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Agenda

9:00 Welcome, Jan Nielsen, DTI

- Introduction to the BIOFMET project
- Introduction of the participants

9:20 Results of BIOFMET (Q/A after each presentation)

- General introduction to traceability in measurements, Jan Nielsen, DTI
- How to ensure traceability by means of a transfer instrument, Eric Georgin, CETIAT
- Analytical methods for determining major and trace elements in solid biofuels and ash, Katarina Hafner-Vuk, IMBiH
- The input to standardization sampling and measuring, Timo Huotari, PROMETEC and Moaaz Shehab, PTB
- Production and Certification of BIOFMET Project Reference materials, Alper Işleyen, TUBITAK

10:35 Stakeholders' Roundtable

Perspectives of the stakeholders on the BIOFMET project activities.

10:55 BIOFMET on-line training, Raquel Segurado, IST





Institution	Country	Meeting May 10 th
OPET	Türkiye	Yes
TÜPRAŞ	Türkiye	Yes
Danish District Heating Association	Denmark	Yes
Pemit, s.r.o.	Czech Republic	Yes/no
SUMMIT Electronics	Denmark	Yes/no
Institute for Standardization	Bosnia and Herzegovina	Yes/no
Kuopion Energia Oy	Finland	Yes/no

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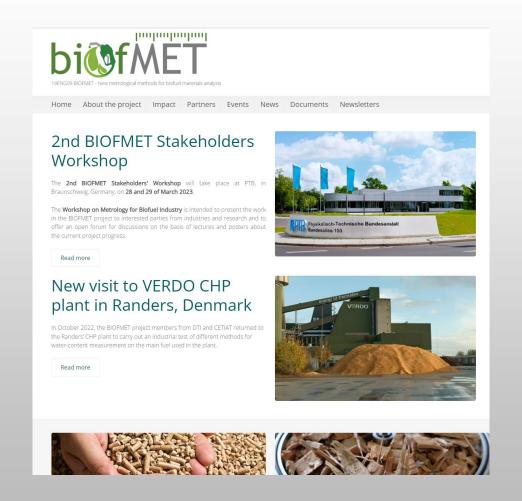
Introduction of the participants

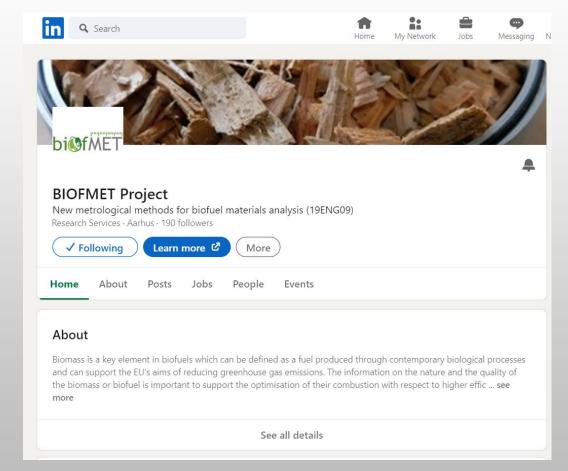
Stakeholders (3 min/participant) - What is my organization's interest in improved metrological methods and standards for liquid and solid biofuels? Where do I believe the greatest need is with respect to improving measurements and traceability?

Ways	Hance	165/116
Andra	France	Yes/no
Torbel	Portugal	Yes/no
LGC	UK	Yes









http://www.biofmet.eu/

https://www.linkedin.com/company/biofmet/