

BMA workshop 2022

A tremendous increase in the use of biomass as a replacement fuel for coal for the production of heat and power causes the production also of huge quantities of BioMassAsh (BMA). The present-day situation is that this process has progressed far beyond the point where small quantities of BMA could just disappear.

The conversion of coal-fired boilers into biomass fired result in comparatively large amounts of BMA at one place. Considering the Waste Hierarchy in the Waste Directive and the philosophy for power plant operation the produced ashes should be used as far as possible.

If a landfilling tax apply, such an option is not the preferred outlet.

On top of that the wish to bring back essential nutrients and fertilizing agent to the forest or farmland to comply with Corporate Social Responsibility has gained more acceptance. Utilization in any form and the implications of the use of BMA is crucially important.

This in mind, the one-day virtual workshop will concentrate updates for the utilization and handling of the various BMA's in the present situation. It is the belief that more effort is needed but at least the workshop will give a solid view of the present situation.

Questions can be directed to the organizer for answers by speakers.

Monday March 14, 2022

- 09.00 Introduction to the workshop,
Nicolai Bech, StandardConsult, Denmark
- 09.15 Update and implementation of the EU Regulation for Fertilizer in Europe,
Hans-Joachim Feuerborn, VGB PowerTech, Germany
- 09.45 Use of BMA for asphalt paving
Birgitte Primdal Dam, Eminent, Denmark
- 10.15 Break
- 10.45 Experiences with large scale use of BMA for fertilizing, *Krzysztof Kuglarz, Agrotrade, Poland*
- 11.15 Swedish experiences with BMA in forests,
Raziyeh Khodayari, Energiföretagen Sverige
- 11.45 Wrapping up the morning sessions
- 12.00 Lunch break
- 13.00 The facets of bio ash management
Angelo Saraber, SaraberConsultancy, Netherlands
- 13.30 Quality of Ash Fractions from Heat and Power Plants with Respect to Fertiliser Use,
Harald Thorwarth and Johanna Eichermüller, University of Rottenburg, Germany
- 14.00 CIBE and its activities toward use of BMA in France, *Marion Mezzina, CIBE and Loic Danest, Surschiste, France*
- 14.30 Break
- 15.00 Portuguese ashes: contribution of petrography to their characterization.
Bruno Valentim, University of Porto, Portugal
- 15.30 The potential for biomass ash as a secondary raw material in the glass industry and other foundation industries, *Martyn Marshall, GlassTechnology Services, Sheffield, United Kingdom*
- 16.00 Wrapping up the workshop

BMA Workshop 2022 Only virtual, March 14, 2022

Registration

Name / First Name*

Title / Position

Company / Institute*

Mailing Address*

Company / Institute VAT number (tax ID number)*

Phone

E-mail*

A star (*) represents mandatory information

Fee for virtual participation, DKK 600, - ex VAT

**Please return this registration form by E-mail until
March 10, 2022 to:**

bma@standardconsult.eu

Venue :

No venue since only virtual

Organizational Information:

BMA Workshop is arranged by

StandardConsult ApS

Phone: +45 2641 7186

E-mail: nbe@standardconsult.eu

and

VGB PowerTech

Hans-Joachim Feuerborn

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Sponsors:

VGB PowerTech

StandardConsult ApS

Workshop language:

English

Presentations:

The presentations will be available after the workshop via a provided link at the VGB-website

Platform used

The virtual workshop will use the ZOOM platform. Use of a PC, laptop, tablet or mobilphone capable of using ZOOM is required.

BMA WORKSHOP 2022

**European Biomass Ash Workshop**

VIRTUAL only / March 14, 2022

