

←BioSuck←

FRAUNHOFER-INSTITUTE FOR ENVIRONMENTAL,
SAFETY, AND ENERGY TECHNOLOGY UMSICHT

WORKSHOP IN HANAU ON 28 SEPTEMBER 2017

SUSFOOD: BIOSUCK SEPARATION OF MASS FLOWS IN THE FOOD INDUSTRY



GEFÖRDERT VOM



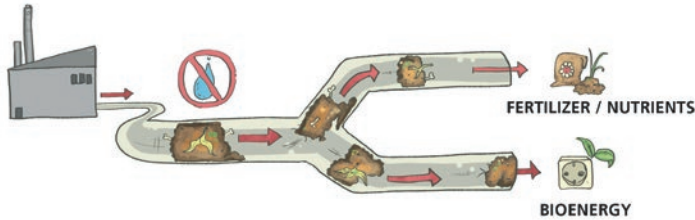
Bundesministerium
für Bildung
und Forschung



The National Centre
for Research and Development



The Research Council
of Norway



INVITATION TO THE FINAL WORKSHOP

WWW.BIOSUCK.EU

The food processing industry **consumes huge amounts of water** for several purposes and simultaneously produces corresponding amounts of wastewater. These amounts will increase because the global food demand is expected to rise by 70 percent by 2050.

New and innovative solutions are needed to redesign this sector to make it secure, resilient and competitive in the future!

THE PROJECT » BIOSUCK «

The project BioSuck aims at establishing a decision support system (DSS) that accelerates a redesign of the food processing industry. The DSS analyzes the current situation in the food processing industry based on characteristic parameters and as output several recommendations are given in order to save water and costs.

The user will get an answer whether a vacuum waste collection system is a potential feasible option and whether collected wastes can be used for bioenergy production.

AGENDA

28 SEPTEMBER 2017

AQSEPTENCE GROUP GMBH, HANAU
SHOW ROOM

- | | |
|--------------|--|
| 10:00 | Welcome
Volker Zang, Aqseptence Group GmbH |
| 10:10 | Introduction to innovative vacuum sewer systems
Markus Bayer, Aqseptence Group GmbH |
| 11:00 | Water and cost savings potential
Frederik Maurer, Ingenieurbüro für Wasserwirtschaft und Ressourcenmanagement GmbH |
| 11:30 | The project BioSuck
Christoph Glasner, Fraunhofer UMSICHT |
| 12:00 | Decision support system:
Demonstration and simulation of reference cases
Christoph Glasner, Fraunhofer UMSICHT
Turid Rustad, Norwegian Uni. of Science and Technology
Janusz Krupanek, Institute for Ecology of Industrial Areas |
| 12:45 | LUNCH AND NETWORKING |
| 14:00 | Demonstration of vacuum sewer system |
| 15:15 | Discussion/consulting/calculations of case studies |
| 15:55 | Conclusion and outlook |
| 16:00 | End of the workshop |

ORGANIZATIONAL MATTERS

REGISTRATION AND ATTENDANCE FEE

Please register until **18 September 2017** via e-mail to the contact below or use the contact form at:

www.biosuck.eu (→ Get involved)

Participation in the workshop is free of charge. The number of participants is limited. Registrations can only be taken into account as long as places are available. If you have registered and find you cannot attend – please let us know so that people on the waiting list can be invited instead.

VENUE

Aqseptence Group GmbH | Kinzigheimer Weg 104

63450 Hanau | Germany

Directions to Hanau: s.fhg.de/fan

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PROJECT PARTNERS

- Ingenieurbüro für Wasserwirtschaft und Ressourcenmanagement GmbH, Germany
- Norwegian University of Science and Technology, Department of Biotechnology, Norway
- Institute for Ecology of Industrial Areas, Environmental Management Department, Poland
- Aqseptence Group GmbH, Germany (associated partner)