

# New approaches for nutrient recovery from manure and wastewater

## DPP - FORUM 2016

The next meeting of the successful „DPP-FORUM“ will be held in Berlin on November 11. Due to the fact that nutrient management is not only a national topic we widen our annual conference to contributions from other European countries – also for encouraging the idea of bringing together stakeholders in the area of nutrient management and nutrient recovery. We are looking forward to a fruitful discussion of achievements and future trends in nutrient related topics from research and development as well as from implementation and strategic thinking.

November, 11<sup>th</sup> 2016

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Berlin



09:00

### Official welcome

*Dr. Rainer Schnee, Deutsche Phosphor-Plattform DPP  
Dr. Didier Zimmermann, EIT RawMaterials Central CLC*

### Morning session (moderator Dr. Daniel Frank)

09:30

Opening speech

*Dr. Robert Habeck, Minister of Energy, Agriculture, the Environment and Rural Areas of Schleswig-Holstein - enquired*

09:50

Manure management in Flanders and state of art  
*Emilie Snauwaert, Vlaams Coördinatiecentrum Mestverwerking, Belgium*

10:15

Manure management in the Netherlands and state of innovation  
*Dr. Oscar Schoumans, Alterra Wageningen UR, The Netherlands*

10:40

Manure management in Denmark – the Biocover system  
*Morten Toft, Biocover S/A, Denmark*

11:05

Manure valorisation into fertilizers and soil improvers: Turning a problem into a commercial product  
*Dr. Jennifer Bilbao, Fraunhofer IGB, Germany*

11:30

Open discussion followed by **Matchmaking lunch** - Exchange at various thematic round tables

### Afternoon session (moderator: Dr. Christian Kabbe)

13:30

P-bac® – a biochemical approach for phosphorus recovery from ashes  
*Birgit Lewandowski, Fritzmeier Umwelttechnik GmbH, Germany*

13:55

Enhanced sewage sludge treatment with struvite recovery and its valorisation  
*Alex Veltman, WATERNET, The Netherlands - enquired*

14:20

Bridging the gap between nutrient recovery and recycling – legal aspects and market opportunities  
*Aalke Lida de Jong, AquaMinerals, The Netherlands*

14:45

Phosphorus recovery in Mecklenburg-Vorpommern - the cooperative approach for regional sewage sludge management  
*Ulrich Jacobs, Klärschlamm-Kooperation Mecklenburg-Vorpommern GmbH, Germany*

15:10

Initiatives and working groups within Germany and the EU dealing with phosphorus recovery and nutrient management  
*Dr. Christian Kabbe, Kompetenzzentrum Wasser Berlin gGmbH, Germany*

15:30

open discussion followed by networking drinks

## Venue

State Representation Office of Bavaria  
Behrenstraße 21/22  
10117 Berlin



## Registration

We are looking forward to your registration. Please register until 20 October 2016 via email. The number of participants is limited.

Online registration will be possible within the next weeks, please visit our continuously updated website for further information.

We are looking forward to see you in Berlin and to have a fruitful event! Please forward this information also to your colleagues!

### Contact persons and registration:

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## Conference fee

The DPP-FORUM 2016 is sponsored by EIT RawMaterials including accompanying drinks and lunch.



### Deutsche Phosphor-Plattform DPP e.V.

The German Phosphorus-Plattform DPP is a network of stakeholders from science, industry and public bodies to establish sustainable phosphorus management in Germany through a more efficient use of phosphorus as well as effective recycling and reprocessing.

Core to the approach of DPP is identifying and implementing innovative technologies that allow economically feasible recycling of phosphorus on a broad scale but also through improved use of phosphorus in already existing manufacturing processes. This includes increases in production efficiency as well as re-using production waste as input material where possible.

The DPP network is developing multiple strategies that each focus on optimising phosphorus use efficiency, recycling rates and substitution potential to work towards the combined goal of sustainable phosphorus use throughout Germany.

### EIT RawMaterials

A sustainable supply of raw materials is vital to the European Union, which is why the European Commission initiated the European Institute of Innovation and Technology (EIT) RawMaterials – the largest consortium in the raw materials sector worldwide.

Its vision is to turn raw materials into a strategic strength for the European Union by

- creating and developing new game changing businesses across Europe,
- fast-tracking start-ups and the commercialisation of ideas,
- encouraging exchange and networking across different disciplines and businesses,
- creating new entrepreneurial education approaches.

We aim to boost competitiveness, growth and attractiveness in the European raw materials sector.