



EUROPEAN NUTRIENT EVENT

Preliminary Programme

Nutrient recycling R&D projects and technologies
meeting including technology fair

18th – 20th October 2017

Parterre Rialto, Birsigstrasse 45, 4054 Basel / CH

PROGRAMME

European nutrient event

DAY 1, 18TH OCTOBER

Conference language: German, English translation

Knowledge exchange for European stakeholders on phosphorus recycling legislation and implementation in Switzerland and Germany / Launch of Phosphorus Network Switzerland

Moderation: Daniel Frank, German Phosphorus-Platform DPP

Registration

8:30 – 9:00 Registration and networking

Opening

9:00 – 9:15 **Welcome in Basel**
State Councillor Christoph Brutschin, Head of the Department of Economic, Social and Environmental Affairs of the Canton of Basel-Stadt

Falko Schlottig, Director of the School of Life Science FHNW

State of the art and regulatory framework

9:15 – 9:35 **Phosphorus recycling in Switzerland: How to go on?**
Kaarina Schenk, Federal Environment Agency BAFU

9:35 – 9:55 **Regulatory requirements for Phosphorus recovery in Germany – consequences**
Hans-Walter Schneichel, Environment Ministry Rhineland-Palatinate MUEEF

9:55 – 10:20 **Sewage sludge disposal and Phosphorus recovery, Options in Switzerland**
Anders Nättorp, School of Life Sciences FHNW

10:20 Coffee break and networking at technology fair / poster exhibition

Sewage sludge disposal

10:50 – 11:10 **Concept for sewage sludge disposal in Northwestern Switzerland**
Alain Zaessinger, ProRheno / Peter Müller, ARA Rhein / Pascal Hubmann, AIB

11:10 – 11:40 **Sewage sludge drying as starting point for disposal and recovery, results from alkaline pyrolysis**

Christoph Egli, AVA Altenrhein

11:40 – 12:05 **Mono-incineration plants – a starting point for Phosphorus recovery**
Claudio Bianculli, ZAB, Association for waste recycling Bazenheid

12:05 Lunch break at technology fair / poster exhibition

Phosphorus recovery technologies

13:20 – 13:40 **Phosphorus mining from sewage sludge – the Phos4life process as option for the Swiss Phosphorus strategy**
Stefan Schlumberger, Center for sustainable management of recyclable waste and resources ZAR

13:40 – 14:00 **Ash leaching: The Tetrachos process, results from pilot trials and perspectives**
Patrick Herr, Remondis Aqua

14:00 – 14:20 **Mephrec: sewage sludge disposal and Phosphorus recovery in one, results from pilot trials**
Burkard Hagspiel & Otto Schwarzmann, SUN Nürnberg

14:20 – 14:40 **N.N. Technology**
N.N.

14:40 – 15:00 **Technology demonstrations in Phos4You – options for Switzerland?**
Marie-Edith Ploteau, Lippeverband

15:00 Coffee break and networking

15:30 – 15:50 **Recycled materials welcome – requirements of the fertilizer industry**
Michael Müller, Landor t.b.c.

15:50 – 16:00 **Phosphorus Network Switzerland – information across sectors and networking for implementation – interactions with the European Sustainable Phosphorus Platform**
Maurice Jutz, Anders Nättorp, Jan Stemann, School of Life Science, FHNW

Technology fair and poster exhibition

Phosphorus recovery technology suppliers stands. Posters of nutrient recycling R&D projects.

Run parallel to sessions on day 1 and 2

PROGRAMME

European nutrient event

Wrap up

16:00 – 16:40 Options and financing: Panel discussion with Swiss stakeholders

Moderated by Thomas Wintgens, School of Life Science, FHNW

16:40 – 16:50 Summary and perspective

Ludwig Herrmann, European Sustainable Phosphorus Platform ESPP

17:00 - 18:00 Informal get together – Apéro

19:00 Networking dinner at Markthalle, Steinentorberg 20, Basel

DAY 2, 19TH OCTOBER

Conference language: English

Networking of leading nutrient recycling projects across Europe (EU H2020, LIFE, INTERREG, national and other projects), with technology suppliers and users / Launch of Phos4You project.

Moderation: Christopher Thornton,
European Sustainable Phosphorus Platform ESPP

8:30 – 9:00 Registration and networking

State of the art of nutrient recycling R&D and perspectives for implementation

9:00 – 10:30 Key note speeches from the CEO of the Waterboard Lippeverband / Lead Partner Phos4You as well as high level representatives presenting the European dimension, the Swiss recovery context and the funding perspective.

10:30 – 11:00 Coffee break and networking at technology fair / poster exhibition

Current Research and development projects

11:00 – 12:30 Speed-date presentations of current R&D projects
Representatives of selected projects present their specific approach

12:30 – 14:00 Lunch break at technology fair / poster exhibition

Thematic workshops on common challenges

Parallel discussion sessions co-led by Phos4You and projects such as BIOREFINE Cluster Europe, SYSTEMIC, INCOVER, AgroCycle, SMART-Plant, Newfert, Run4Life and organisations such as Flanders VCM and LUKE. Short introductory comments from industry, regulators and experts.

14:00 – 15:30 1) Recycled nutrient product qualities and standards

2) Nutrient recovery in the sewage works of the future

3) Life Cycle – Analysis (LCA) and – Costing (LCC) of recovery processes

4) Technology transfer from municipal sewage to / from manures and other streams

5) Nutrient recovery: how to move from R&D to implementation

15:30 – 16:15 Coffee break

16:15 – 17:15 Define future actions, need for further R&D: Plenary reporting of workshops and panel discussion

Representatives of user sectors (water industry, fertilisers, farmers) and policy makers on national and EU level

17:15 – 17:30 Final conclusion and wrap up
Christopher Thornton, ESPP

DAY 3, 20TH OCTOBER

Conference language: English

Consequences for the Phos4You project.

09:00 – 15:30 Internal Phos4You meeting (Steering Group and Working Groups)
Closed meeting only for Phos4You partners and associated partners.

Technology fair and poster exhibition

Phosphorus recovery technology suppliers stands. Posters of nutrient recycling R&D projects.

Run parallel to sessions on day 1 and 2

INFORMATION

European nutrient event

Event location

Parterre Rialto, Birsigstrasse 45, 4054 Basel / CH

Registration

Please register bindingly on:

www.nweurope.eu/phos4you

Places are limited. First registrations will be accepted first.

Conference fee

There are no fees for the conference. Cost for Travel, hotel and dinner at day 1 will have to be paid individually.

Poster exhibition

If you are interested in displaying a poster, please indicate in registration form.

Technology fair

Price for having a stand will be 1.500 EUR incl. VAT, including admission for the two days. If you are interested, please contact: anders.naettorp@fhnw.ch

Participants

Day 1 Swiss, German and Austrian nutrient recovery stakeholders, Phos4You partners and associated partners, R&D stakeholders, P-recovery technology providers

Day 2 Participants covering main EU and national R&D projects, selected representatives of user industries (water industry, fertilizer sector, farmers), EU and national project funders and innovation investment companies.

Also for Day 1 and 2: P-recovery technology suppliers (with stands), New / ongoing and recently completed R&D projects posters

Day 3 Phos4You partners and associated partners

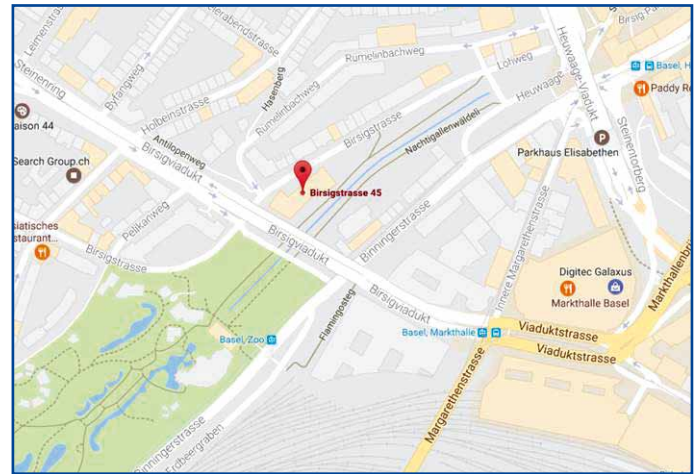
Hotel accomodation

Recommended rooms for individual booking are available at:

Hotel Victoria
Centralbahnplatz 3-4
4002 Basel

Stay at Basel
Gempenstrasse 62
4053 Basel

ibis Basel Bahnhof
Margarethenstrasse 33-35
4053 Basel



Google

Contact

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Daniel Frank, DPP: info@deutsche-phosphor-plattform.de
Christopher Thornton, ESPP: info@phosphorusplattform.eu
Marie-Edith Ploteau, Lippeverband: ploteau.marie-edith@eglv.de

For registration: Nadine Bailleux, BaselArea.swiss: events@baselarea.swiss

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