



Interreg-Project Phos4You

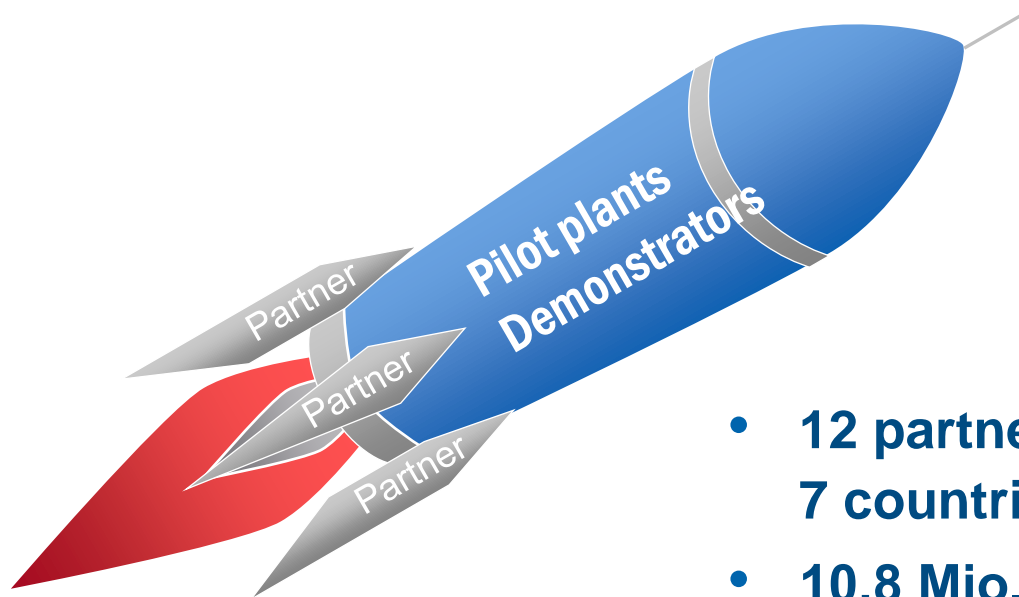
Run4Life@IFAT - Stakeholder Engagement Event, 17.05.2018, Munich

Daniel Klein; Emschergenossenschaft / Lippeverband; Essen

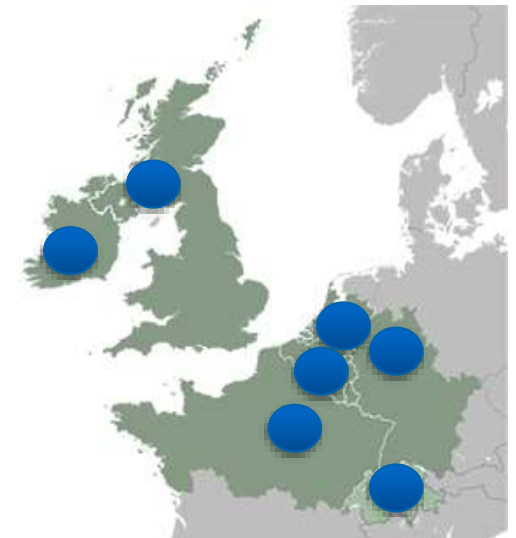
PHOS4YOU

From recovery to recycling

P-Recycling
from
wastewater



- 12 partners
- 7 countries
- 10,8 Mio. €
- 2016 - 2020
- 60% ERDF



PARTNERSHIP

Interreg 
 North-West Europe
Phos4You
European Regional Development Fund



irstea
eri environmental research institute
GCU Glasgow Caledonian University
LEB aquilpine transfered
UNIVERSITEIT GENT
CIT

VEOLIA
EUPHORB

LIÈGE université
irstea
CIT
eri environmental research institute
GCU Glasgow Caledonian University

n | w University of Applied Sciences and Arts Northwestern Switzerland
 School of Life Sciences

VEOLIA

 **Scottish Water**
 Always serving Scotland

LIPPE
 EGLV_{de} VERBAND

EMSCHER
 EGLV_{de} GENOSSENSCHAFT

HVIC

SNB *Haalt meer uit slib!*

EMSCHER **LIPPE**
 GENOSSENSCHAFT EGLV_{de} VERBAND

WORK PLAN

Demonstrating P-Recovery technologies (WP T1)

I1
Sludge / thermal
treatment

I2
Ash / leaching

I3
Sludge / leaching

I4
Small wwtp
/ NBS
(algae)

I5
Small KA /
Innovation
(adsorption)

I6
Sludge water /
struvite
(+downscale)

EMSCHER
EGLV GENOSSENSCHAFT

LIPPE
EGLV VERBAND

**Perspectives
(WP LT)**



P-Asche

DCP

CaP/MgP

H₃PO₄

Struvite

Showcasing P-Recycling value chains (WP T2)