Phosphorus platform founded in the Czech republic ... finally!

J. Duras, D. Kosour, M. Holba, V. Kočí, J. Pešta

Situation

Soils are relatively poor in phosphorus in CZ, i.e.

(a) not serious source of P for water ecosystems

(b) lack of policy of sustainable management of P (losses by erosion)

Themes

Improvement of soil quality better nutrient cycle and lower losses
P budget of farms
Sustainable P (nutrient) management
Retention of nutrients by semi-natural measures (wetlands, ponds) and recycling esp. of P

Situation

Eutrophication is the most important problem of surface waters in CZ, mainly due to P emissions from WWTP's:

6552 t of P per year, i.e. 41 % of all P losses in CZ

Themes

Improvement of legislation and technology towards reuse of P from wastewaters
Retention of residual P in fishpond sediments
- potential for recycling via application on arable land

PHOSPHORUS IS A COMMON PROBLEM

SO LET'S SOLVE IT TOGETHER!

Situation

Still little awareness concerning circular economy, phosphorus, eutrophication
Only 10% of P is recycled in consumer sector in CZ

Situation

No systematic awareness concerning circular economy esp. to the topic of phosphorus 76% (23,2 kt) of P becomes a waste in CZ it is irrecoverably lost

Themes

Enhanced production of P free or P low detergents and ban P rich products for "Professional use" Faster introduction of circular economy

Themes

Education and involvement of public including farmers etc.
Support changes in consumer sector Cooperation with universities and research institutes



Czech Phosphorus Platform

Dr. Jindřich Duras, chairman

Vltava River Authority, Denisovo n. 14, Plzeň, Czech Republic durasj@seznam.cz www.fosforovaplatforma.cz | twitter CFPlatforma