


Sustainable use of phosphorus from wastewater



En operativ vejledning til de danske
vandselskaber

Miljøprojekt nr. 1661, 2015

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Links:	http://ecoinnovation.dk

Project coordinates: Krüger A / S. Preparation of a report entitled "Sustainable use of phosphorus from wastewater - An operational guide to Danish water companies". The report's objective is to contribute concrete knowledge to Danish water companies, so that phosphorus utilization can be incorporated into the management strategy for wastewater treatment plants and future investments. The report can be found on the Environment Agency's website. Use the following address:

<http://www2.mst.dk/Udgiv/publications/2015/03/978-87-93283-94-7.pdf> for [here](#).

The comparative LCA were financial supported by AU, the EISA research unit, and further documented in two scientific papers:

Niero M, Pizzol M, Thomsen M, 2014. Life cycle assessment of multifunctional wastewater treatment in Denmark – the case of sustainable phosphorus management as a new service. *Journal of Cleaner Production*, 68, 25-35. <https://doi.org/10.1016/j.jclepro.2013.12.051>

Pizzol, M., Smart, J.C.R. and Thomsen, M., 2014. External costs of cadmium emissions to soil: a drawback of phosphorus fertilizers. *Journal of Cleaner Production* 84, 475-483.
<https://doi.org/10.1016/j.jclepro.2013.12.080>
