

Comparative Life Cycle Assessment

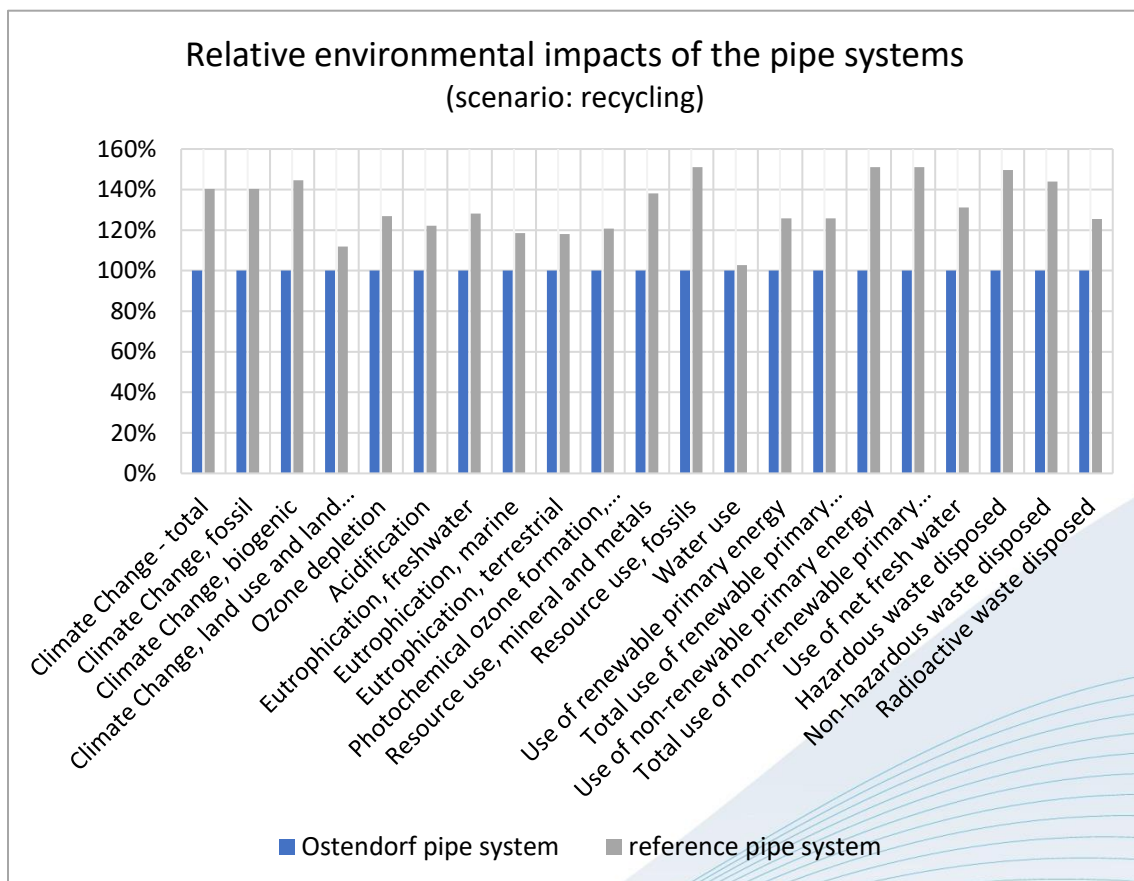
The goal of the LCA was the assessment of the environmental impacts of a drainage pipe system according to EN 14758 from *Gebr. Ostendorf Kunststoffe GmbH* and a comparison with an equally applicable drainage pipe system according to EN 1852. The functional equivalence of the two pipe systems mentioned was confirmed by the federal material testing institute Darmstadt MPA + IfW.

The pipe system according to EN 14758 from



Gebr. Ostendorf Kunststoffe GmbH
 Rudolf-Diesel-Str. 6-8, D-49377 Vechta

has lower environmental impacts in all considered impact categories when compared to a reference pipe system according to EN 1852 *.



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Daniela Eckert

* The LCA was calculated using established, science-based methods and the LCA software GaBi. The calculation was conducted according to the international LCA standards ISO 14040 and ISO 14044 and considered the standard EN 15804+A2 (choice of impact categories, modularisation). During the assessment, the provision of raw material, the production and the end-of-life phase were taken into account. The LCA study was critically review by an independent LCA expert.