



Review of LCA studies on Bio-based fertilisers

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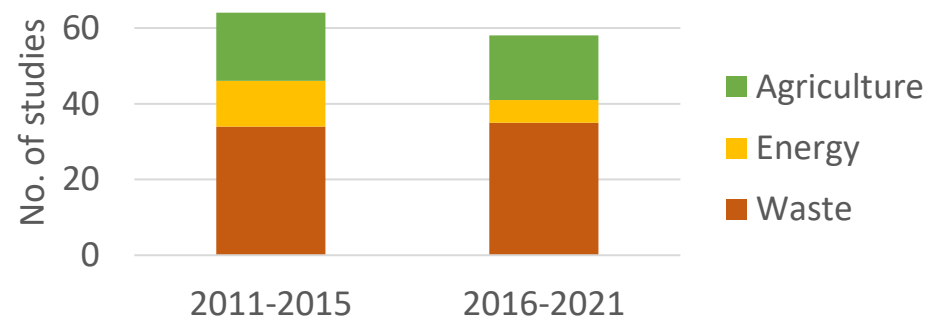


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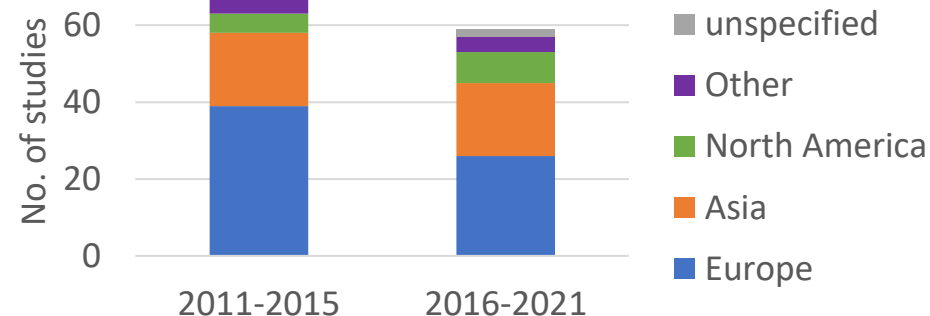
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123 LCA studies

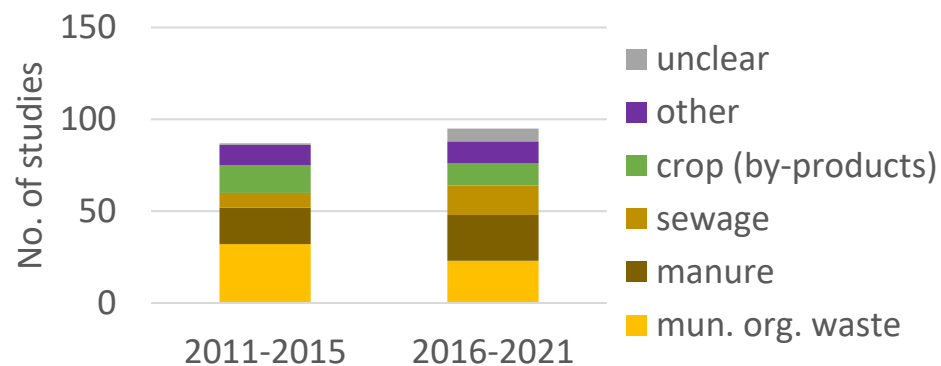
Context



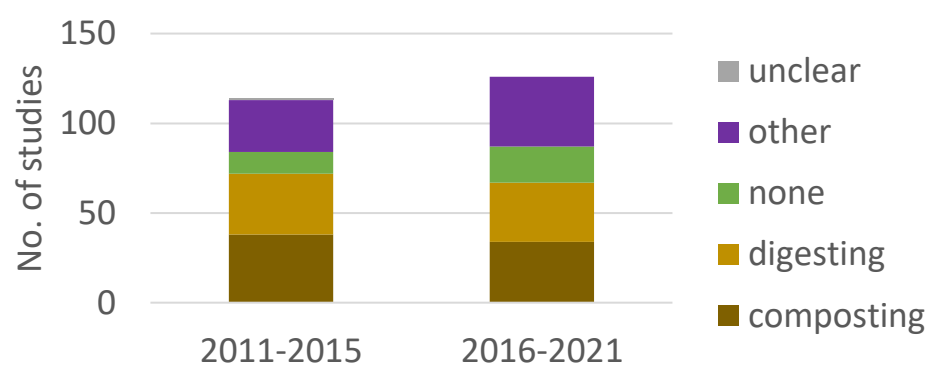
Region



Feedstock



Treatment



Key findings - P fertiliser

- 59% of studies include fertiliser field application
 - Of this 1/3 exclude or do not properly define field emissions
 - Of this only 26% include P emissions to water (W) or soil (S)
- 69% of studies use credits for avoided mineral P fertiliser
 - Of this 42% do not state what substitution is based on
 - Of this 31% use a simple 1:1 substitution
 - Of the remainder 2/3 use a substitution rate of 100%

