THERMAL/ HYDROTHERMAL CONVERSION

Thermal and hydrothermal conversion technologies include incineration, pyrolysis or gasification of a wide variety of solid by- products. Ashes or biochars obtained in the processes can be further used as nutrient sources or as an organic soil improver. Additionally, the off gases collected from the processes show further nutrient recovery potential

Readiness Level



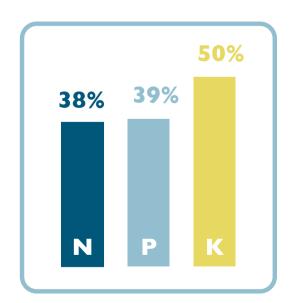
FPR Compliance & PFC Label



Nutrient Recovery Rate



Compositional Parameters

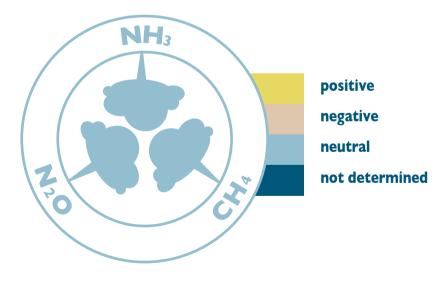


Nutrient Use Efficiency



High efficiency due to the presence of macro- and micronutrients and organic matter.

Emissions to environment



Emission reduction due to processing sewage sludge into a soil improver, reducing waste and emissions related to disposal.