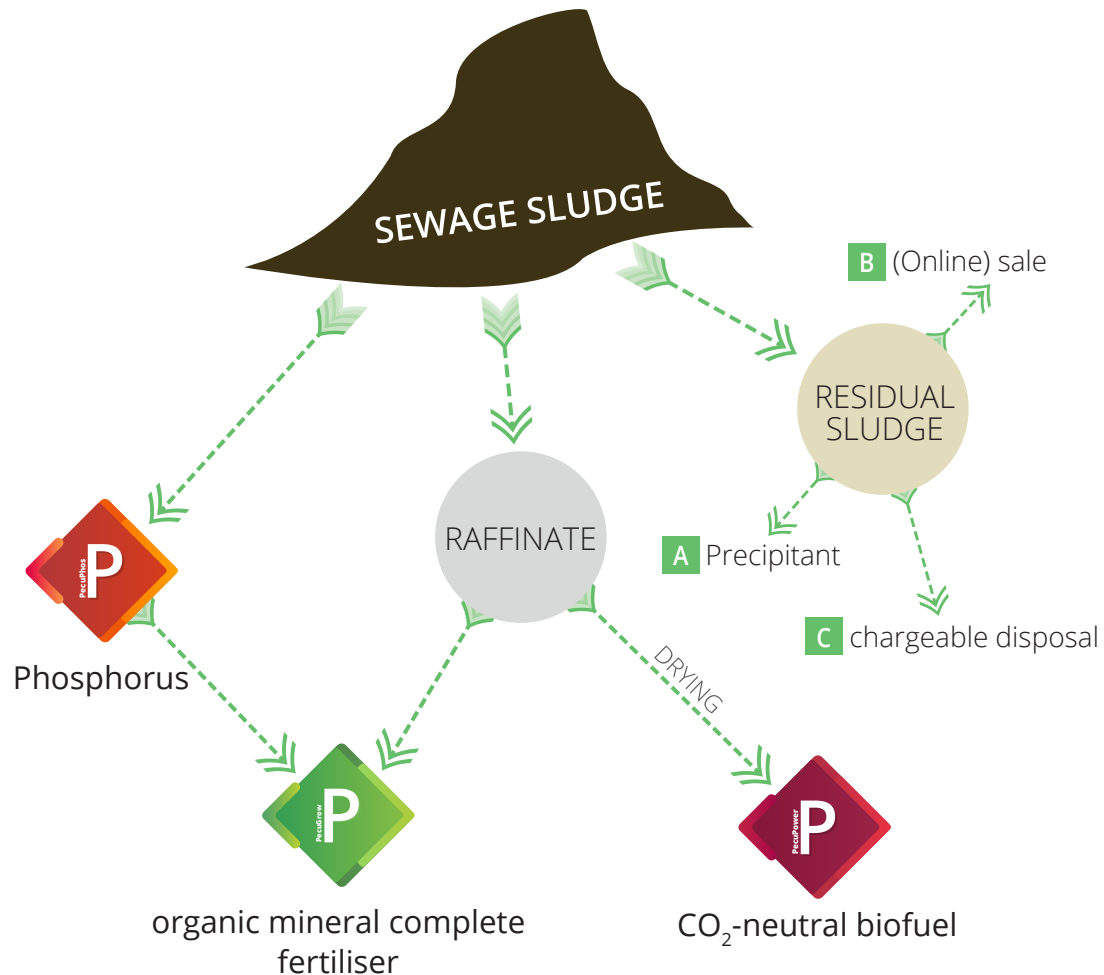




PRODUCT ROUTES


Sewage sludge has this much potential



By using the RSR process, phosphorus is recovered from the waste sewage sludge on the one hand, and on the other hand, a raffinate is produced that can be further processed and is free of impurities and pollutants, as well as a residual sludge (1 - 2 % of the initial sewage sludge; still contains a few impurities and pollutants that could not be neutralised by the previous process).

The **raffinate** can be used for two product routes:

 By enriching the raffinate with the extracted phosphorus, a high-quality, organic, mineral complete fertiliser is produced → **PecuGROW**

 Drying the raffinate produces a CO₂-neutral biofuel with a calorific value comparable to lignite at 18 MJ/kg → **PecuPOWER**

The **residual sludge** can be used/disposed of in three ways:

 Recovery of iron-3-chloride that can be reused in the process for precipitation.

 (Online) sale of the residual sludge via raw material platforms

 Disposal at cost

tomorrow & you.