



Cross Life



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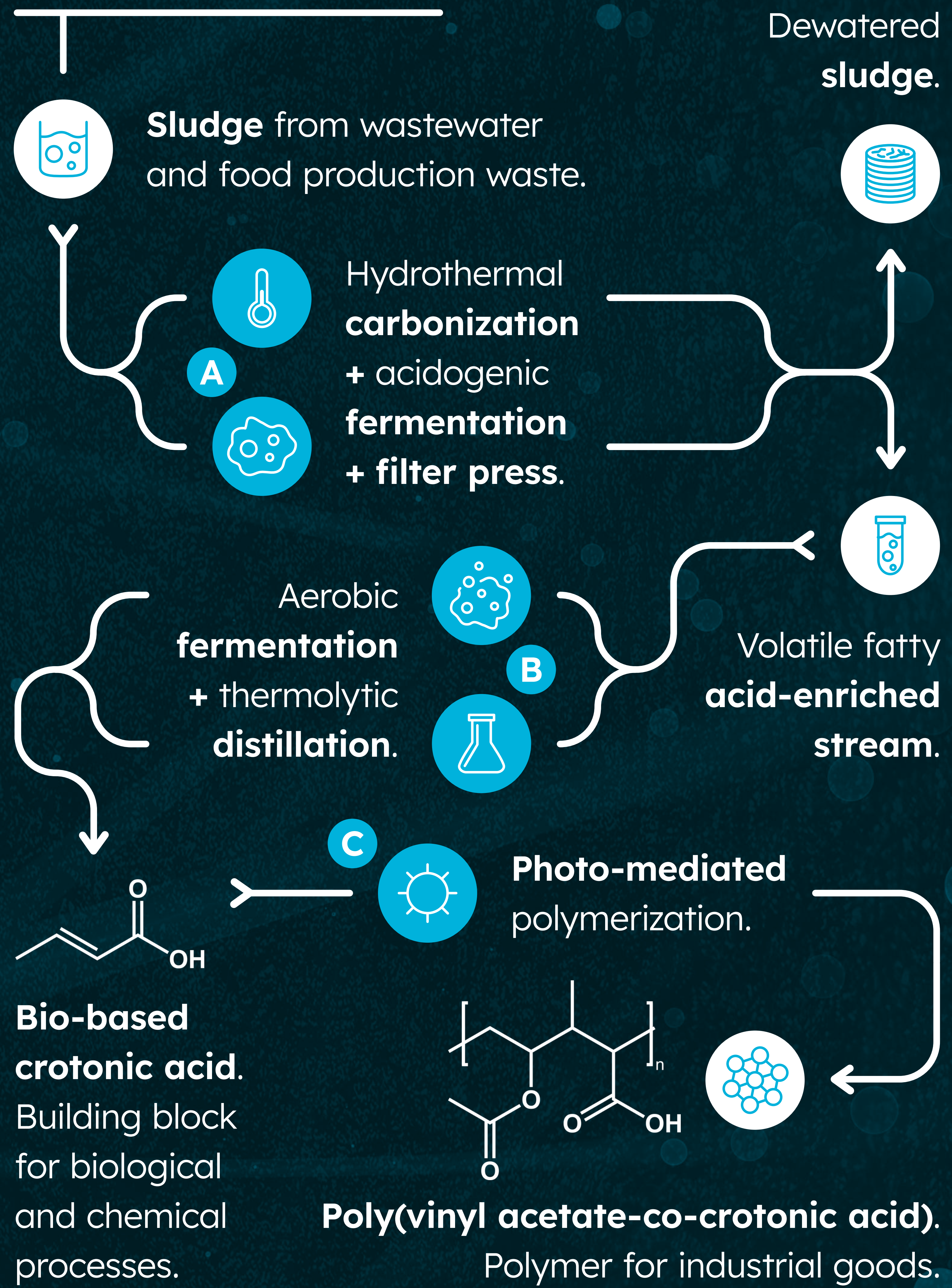
When less is even more

After stabilization and dewatering, sludge is either directly reused in agriculture/composted, incinerated or sent to landfill.

Cross Life will reduce the amount of sludge produced by wastewater treatment plants, decreasing the **cost of sludge management and the environmental impact.**

Cross Life will produce bio-based crotonic acid and poly(vinyl acetate-co-crotonic acid) from sludge, applying an **industrial symbiosis approach.**

THE PROCESS



PARTNERS



✓ **START** 1ST SEP. 2022

CROSS LIFE ROADMAP

31ST AUG. 2027 **END** ✕

WINTER 2025
AQA, GONZAGA SITE

SPRING 2026
VINAVIL SITE

FALL 2026
HERAMBIENTE SITE

SPRING 2027
VINAVIL SITE

Building and running the first DEMO plant. From urban sludge to bio-based crotonic acid.

Production of poly(vinyl acetate-co-crotonic acid) from bio-based crotonic acid.

Building and running the second DEMO plant. From industrial sludge to bio-based crotonic acid.

Building and running a prototype for the photopolymerization of bio-based crotonic acid into poly(vinylacetate-co-crotonic acid).

crosslifeproject.com