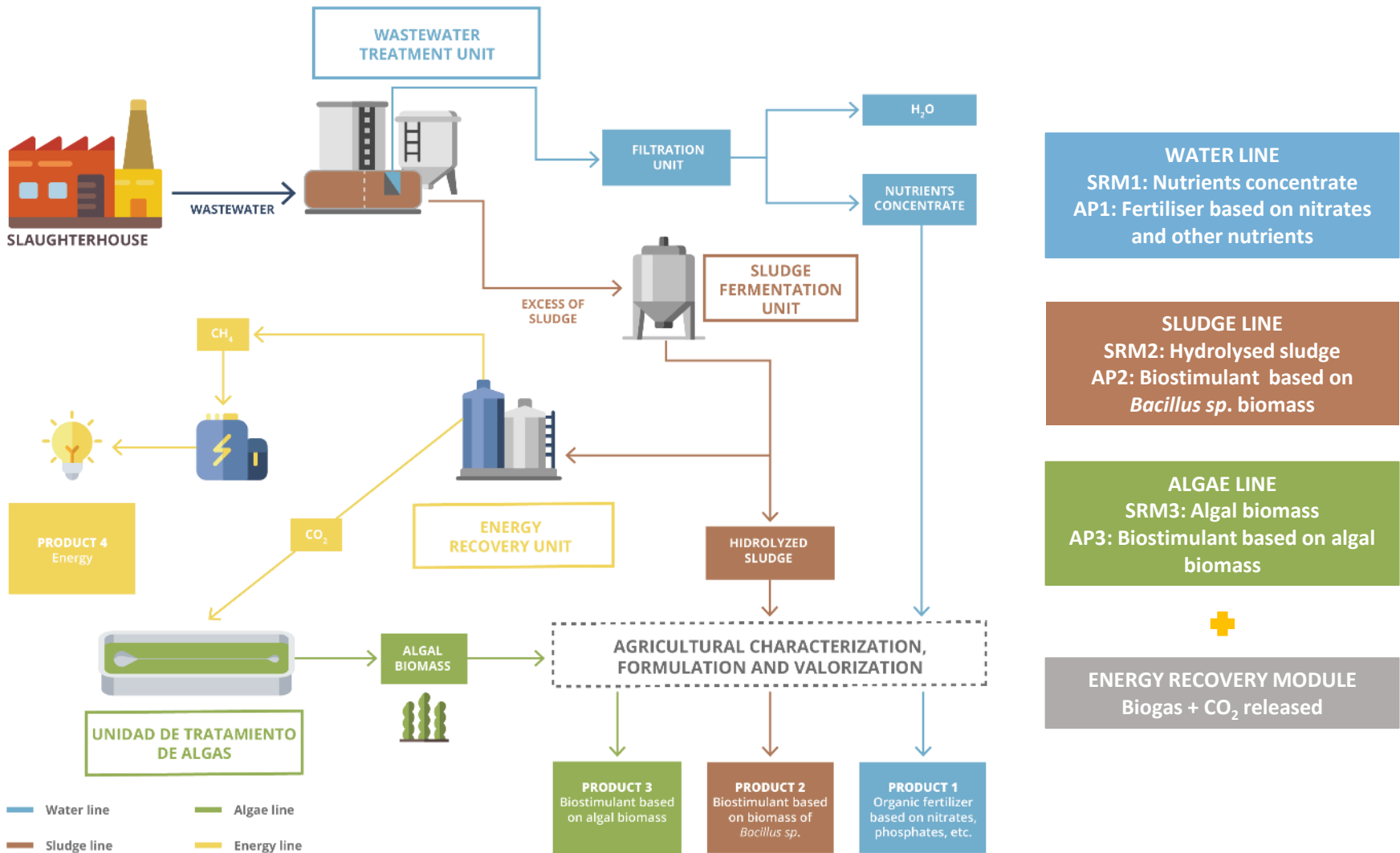


Water2REturn system



Water2REturn demonstrator

Demonstration site
→ real working slaughterhouse called “*Matadero del Sur*”, in Salteras, near Seville (Spain).

Treatment capacity
→ 50 m³ per day (out of the 150 m³ of the slaughterhouse’s daily flow).



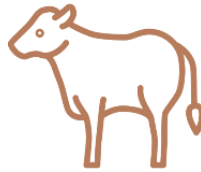
General overview – water line, sludge line, algae line, energy recovery module

Key innovations and results



Wastewater treatment

1 integrated treatment + nutrients & energy recovery system – 3 separated process units (water line, sludge line, algae line) + energy recovery module.



Secondary raw materials

Nutrients concentrate, hydrolysed sludge and algal biomass.



Agronomic products

1 fertiliser and 2 biostimulants, that will enhance nutrition efficiency, abiotic stress tolerance and/or crop quality traits.

Modular system → to be tailored for future clients according to their needs and expectations.

High replicability → flexible system to be adapted to other food industries.

Business opportunities and potential clients:

- Slaughterhouses industry → **early adopters**.
- Meat processing industry.
- Agronomic products' distributors.
- Agricultural sector → farmers.