



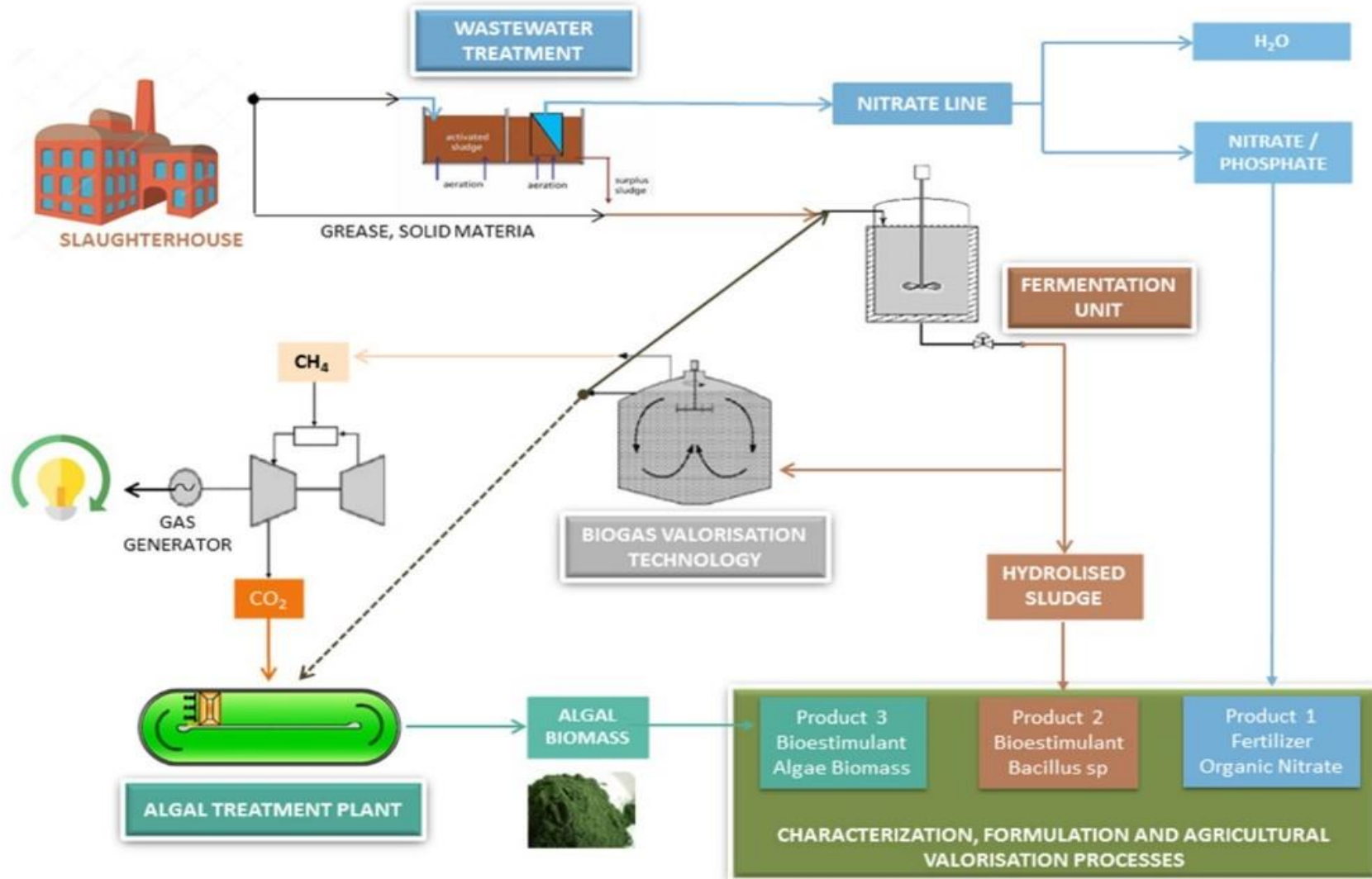
# ***Water2REturn project***

**European Sustainable Phosphorus  
Platform**

**Regulatory questions around waste-  
derived algae & nutrient recycling**

**March 22<sup>th</sup>, 2021**

# Water2REturn process



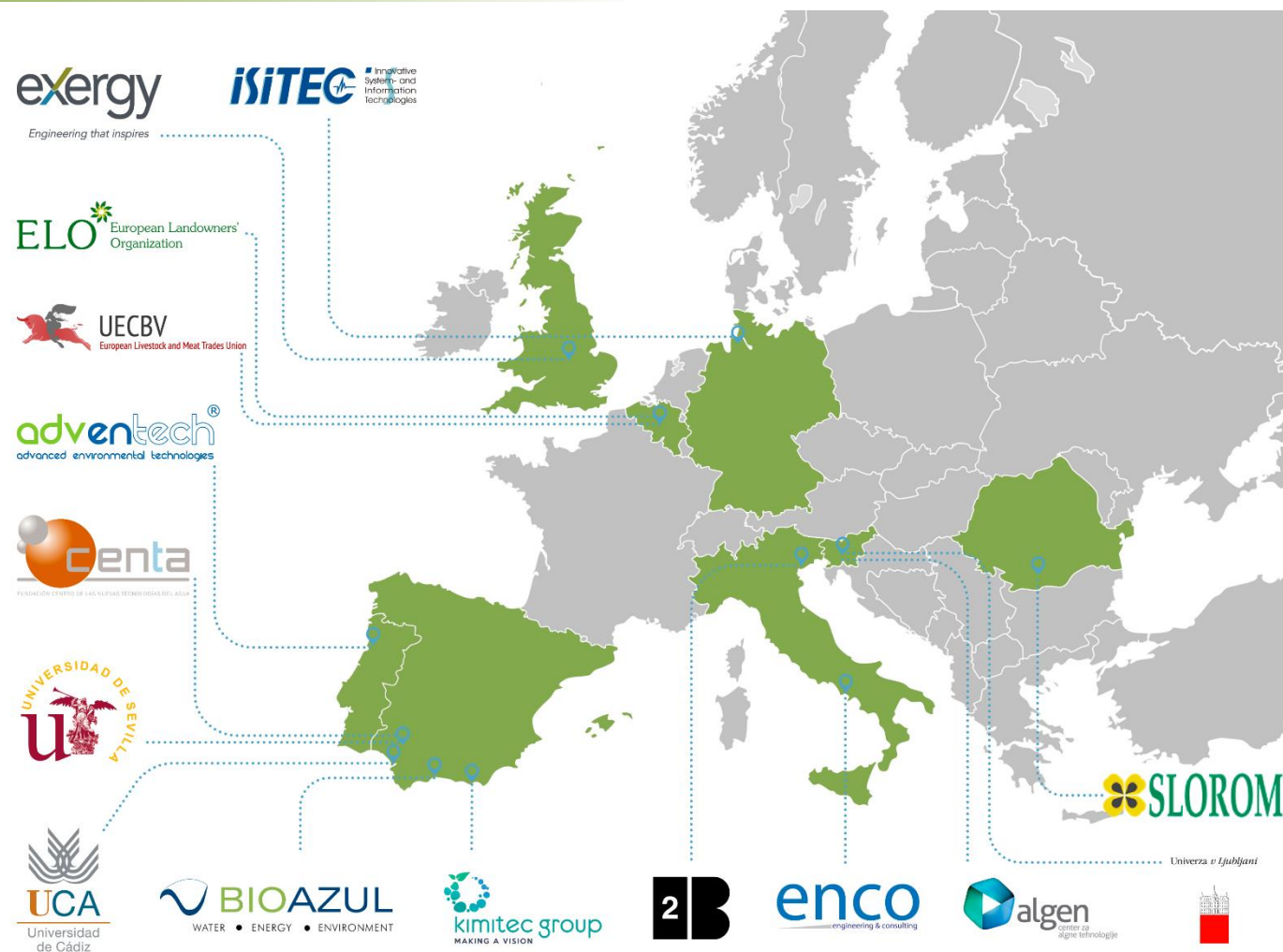
**WATER LINE**  
 SRM1: Nitrates concentrate  
 AP1: Organic fertiliser based on nitrates

**SLUDGE LINE**  
 SRM2: Hydrolysed sludge  
 AP2: Biostimulant based on *Bacillus sp.* biomass

**ALGAE LINE**  
 SRM3: Algal biomass  
 AP3: Biostimulant based on algal biomass

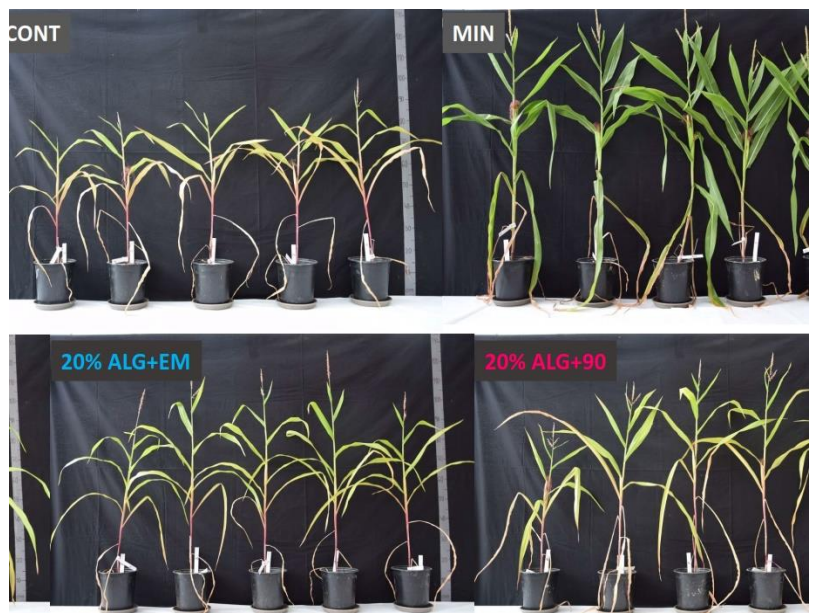
# Consortium

- ❑ Water2REturn consortium is made up of 15 multidisciplinary actors: 9 SMEs, 2 EU associations and 4 research institutions.
- ❑ Water2REturn brings together the experience from stakeholders covering the **whole value chain in eight EU countries:**
  - Spain.
  - Portugal.
  - Slovenia.
  - Romania.
  - Italy.
  - Belgium.
  - Germany.
  - United Kingdom.





# Demo Matadero del sur, Seville





# Regulatory issues

- ❑ Regulation (EU) No 2019/1009 (applied from 16 July 2022) covers biostimulants

EU approval for macro algal products, conventional fertilizers, biostimulants

- ❑ component materials:

*plants, plant parts or plant extracts having undergone no other processing than*

*cutting, grinding, milling, sieving, sifting, centrifugation, pressing, drying, frost treatment, freeze-drying or extraction with water or supercritical CO<sub>2</sub> extraction.*

*For the purpose of this point, plants include mushrooms and algae and exclude blue-green algae (cyanobacteria)*

*An EU fertilising product may contain digestate obtained through anaerobic digestion of exclusively one or more of the following input materials:*

*plants or plant parts grown for the production of biogas.*

*For the purpose of this point, plants include algae and exclude blue-green algae (cyanobacteria)*



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**Thanks for your attention!**

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YouTube

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[www.water2return.eu](http://www.water2return.eu)

