BY-PRODUCT RECOVERY POTENTIAL AND ENERGY SOLUTIONS FOR THE AGRI-FOOD INDUSTRY IN THE EUROACE AREA

Final conference

Investing in res for agriculture. AGRORES EXPERIENCE





19th April 2023



- 1. Introduction: CTAEX
- 2. By-product recovery potential: by-products map in the EUROACE area
- 3. Energy solutions:
 - 1. Green H₂ production
 - 2. Biogas production
 - 3. Energy storage









Strategic situation



BY-PRODUCT RECOVERY POTENTIAL

INNOACE PROJECT: By-products map in the EUROACE area



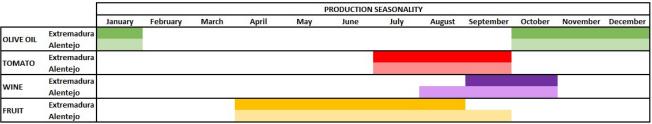
174 OLIVE OIL MILLS 130 WINERIES 69 FRUIT AND VEGETABLE PROCESSING PLANTS 17 TOMATO FACTORIES

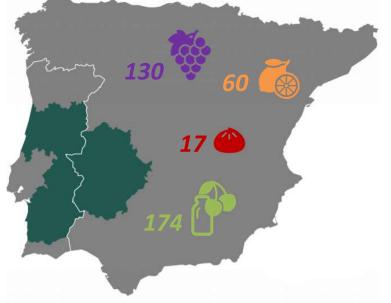
- ✓ Location
- ✓ Contact details
- ✓ Classification
- ✓ Quantification
- ✓ Temporality
- ✓ Description
- ✓ Characterisationn











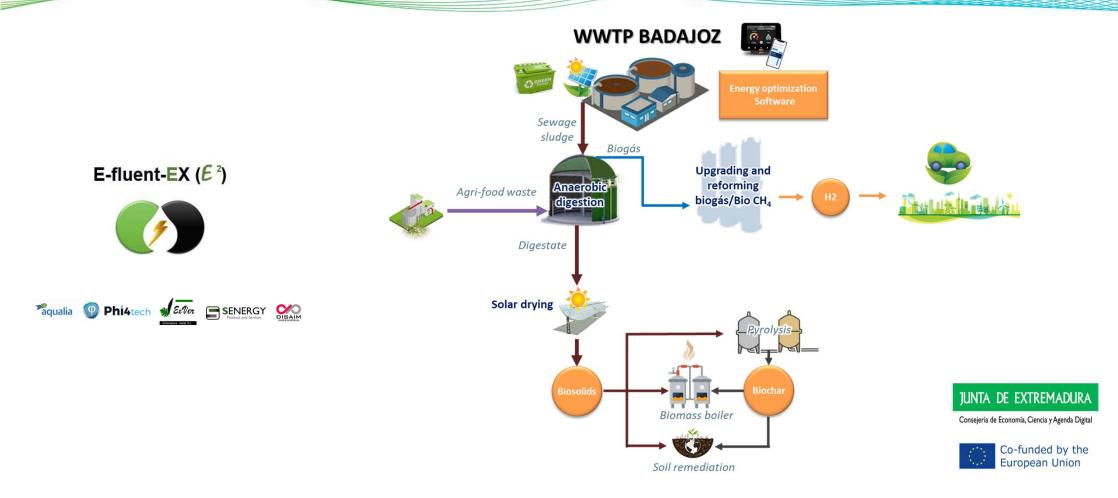




ENERGY SOLUTIONS:

E-fluent-EX PROJECT: Green – H_2 *production*







ENERGY SOLUTIONS:

Biogas pilot plant in CTAEX



Olive mill wastewater



Tomato peels and seeds





Decanters

Biogas storage

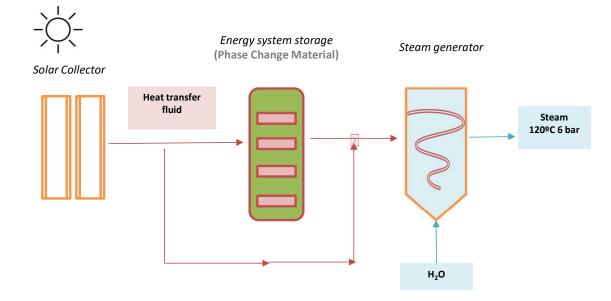
Pretreatment and mixing tanks Anaerobic reactor

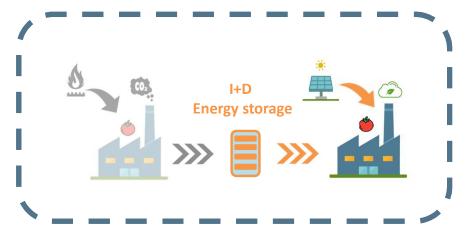


ENERGY SOLUTIONS:

Thermal energy storage







JUNTA DE EXTREMADURA

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Thanks for your attention!

With the companies on the way to competitiveness



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