

Newsletter

April-May-June 2021



Coordinator



Technical
University
of Crete



Design of
Environmental
Processes Lab

Project partners



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MICROSCREENING

- ✓ Within May 2020, DEVISE installed a coagulants' system in DEYAR, so to execute trials with coagulants in the microscreen.
- ✓ The system mainly consists of a coagulant tank and a dosing pump, while several arrangements were necessary in order to make it operational.
- ✓ Trials are currently being executed, so to investigate if the addition of coagulants may cause any significant increase in biosolids yield.
- ✓ Also, a washing water recovery system has been added to the microscreen, including a collection tank (auxiliary solids recovery tank) along with a recirculation pump.



Microscreen with feeding line and dosing system



Dosing pump



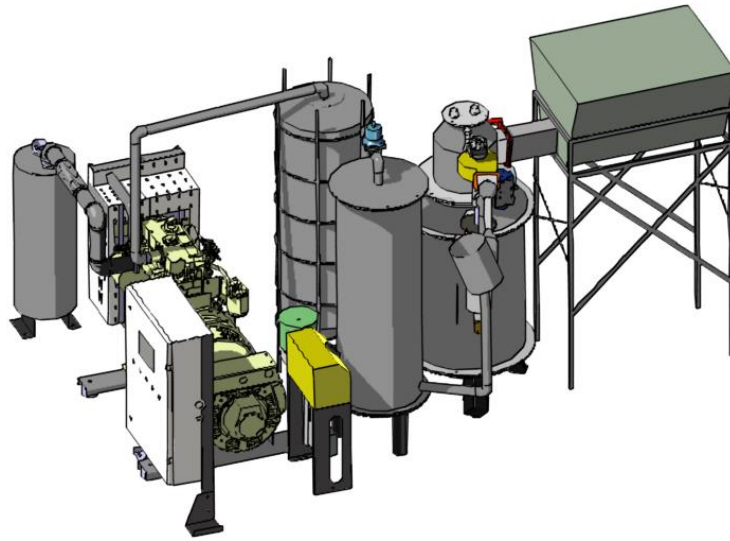
Coagulation tank



Auxiliary solids recovery tank

GASIFICATION SYSTEM

- ✓ The design of the gasification system has been completed by TUC.
- ✓ The tendering procedure has been published. Manufacture is expected to start shortly.



3D illustration of the gasification system

OVERALL PLANT INTEGRATION

- ✓ The integration of the several components of the pilot plant is under discussion.
- ✓ A preliminary layout has been prepared.

