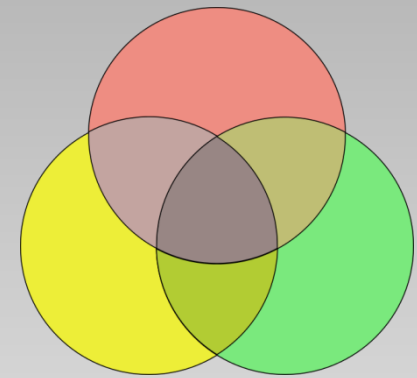


Consortium creation for RES performance evaluation in manure treatment

July, 2nd 2019



Who are we



Group of 4 innovative companies with different profiles:

- ⦿ **Wind turbines:** Middle size and low maintenance
- ⦿ **Chemistry and water** pullutants removal
- ⦿ **Monitoring and control**
- ⦿ **Software** (performance assessment, control dashboard, etc.)

Pork manure context

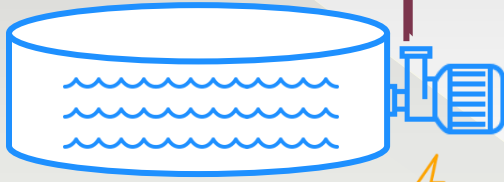
- Continuous double-figures growth in Pork sector.
- Manure is a severe problem involving soil and (surface and underground) water.
- Manure management is costly and means a problem for farmers.



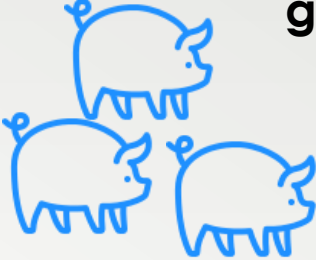
Our Project



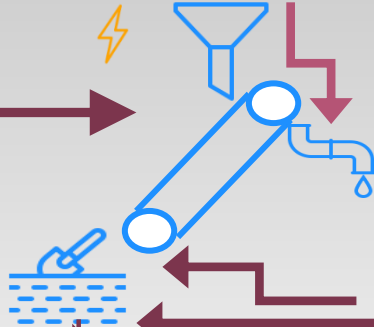
**RES
Production**



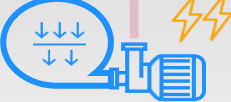
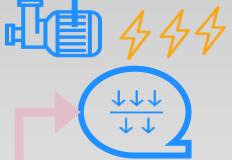
**Manure
generation**



Depuration



**Fertirrigation
(reuse)**



Main goals



- To test RES as power source for manure treatment
- To test new treatment technologies, including KET powered (NANO)
- To create a permanent workgroup accessing market and Public Calls, starting with October VIDA DV Call
- Demonstration taking place in Aragón in 2020



Status



- ◉ Fully tested technologies (TRL 7).
- ◉ Manure treatment provider left the Project → PARTNERS SEARCH:
 - > Manure treatment (full cycle or stages differentiation).
 - > Main target: Technologies put aside due to high power/energy consumption
 - > Willing to collaborate in permanent partnership.

Contact



- ◎ Project management:
 - > Angel Martinez (GEEZAR CEO).
 - > aml@geezar.es / + 34 976 960 852
- ◎ Do not hesitate to ask for info about:
 - > Partners and technologies
 - > Permanent workgroup operation and objectives
 - > Eventual inclusion of not mentioned innovations → LET'S TALK

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