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This project has received funding from the European Union's Horizon 2020 Research and Innovation program
under the Grant Agreement No. 727874



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Relevance SABANA Project



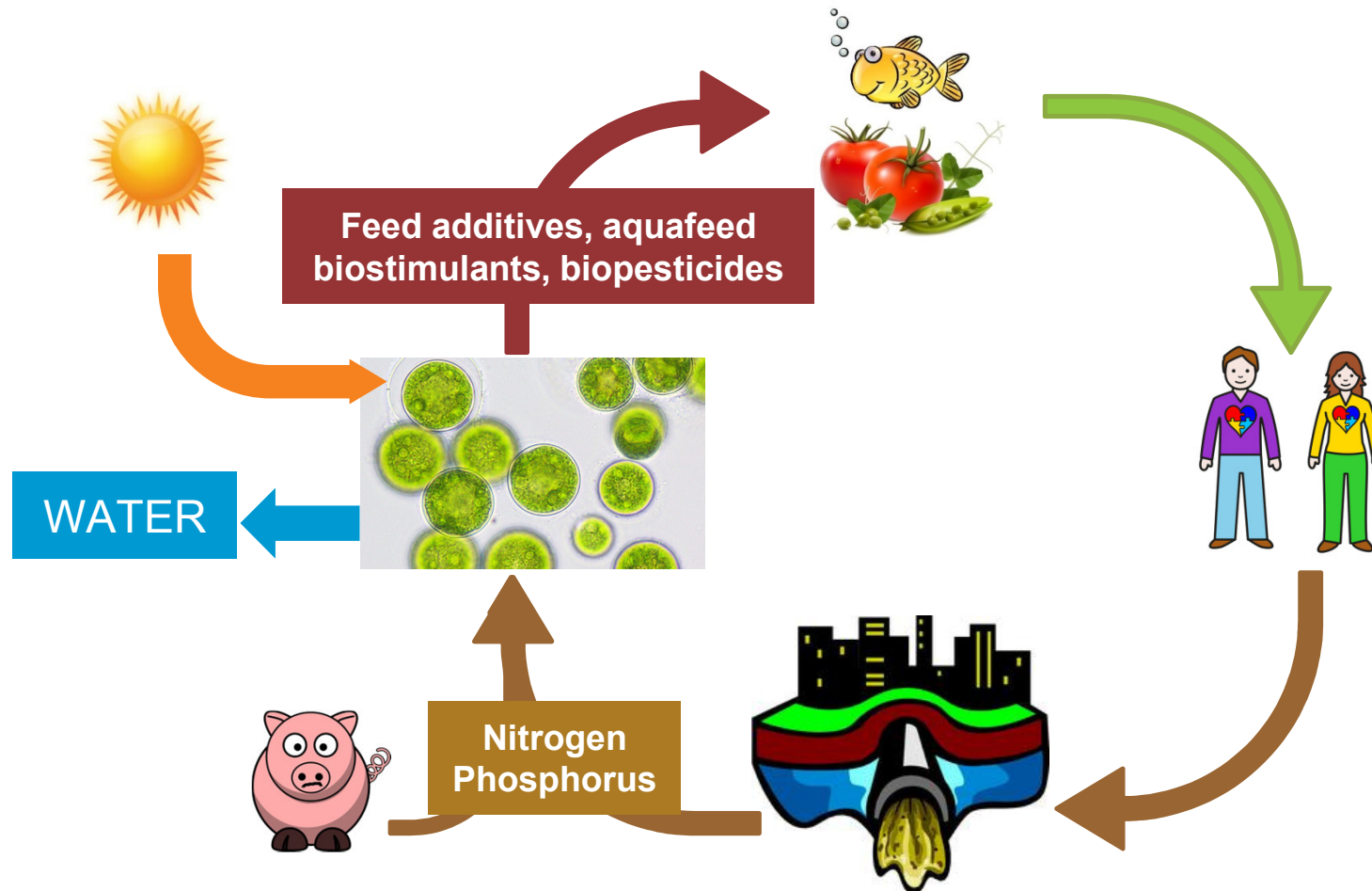
- Large DEMO facility for microalgae biotechnology
- To approximate to real commercial scale
- Collaboration between research and industry
- Training center for development of skills





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Objective



Save water, save energy, save CO₂ emissions,
recover nutrients..., thus be sustainable



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Major challenges



- **Large scale production:** To develop robust and scalable technology for microalgae production (including harvesting and processing), in continuous mode all the year around, at minimum cost. Economic analysis must to be used in decision making.
- **Sustainable production:** To integrate the treatment of wastes to increase the sustainability of the entire process. Life Cycle Analysis determines what is possible or not.
- **Markets/commercialization:** Only products now requested by the markets and that legally accepted are considered. Business plan is the driver of the project.





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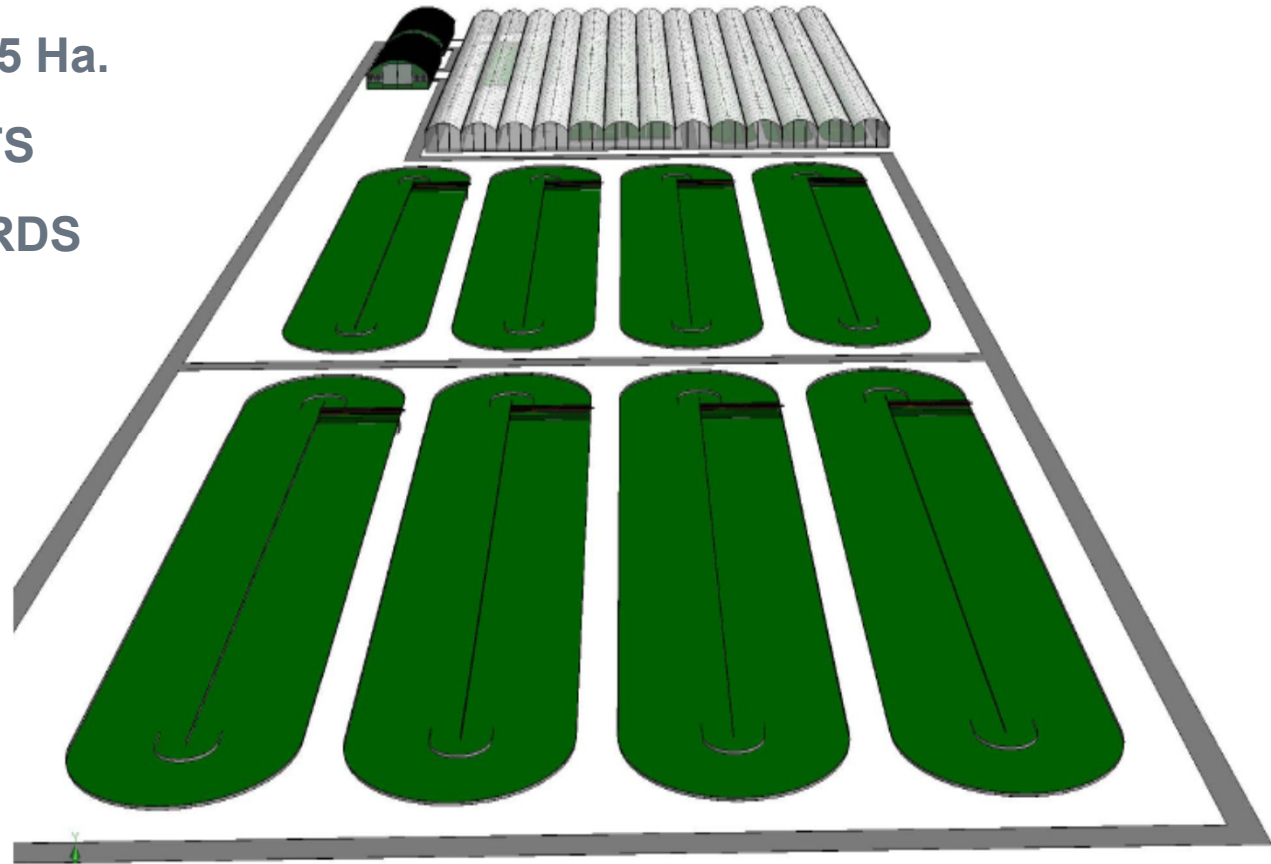
Major challenges



LARGE SCALE UP TO 5 Ha.

VALIDATED PRODUCTS

INDUSTRIAL STANDARDS





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Welcome to the partners





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Coordinators



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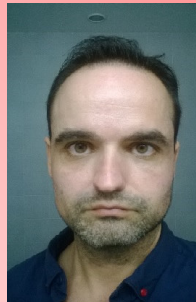
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WP Leaders



WP1 Tech-econom analysis



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WP2 Sustainability



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WP3 Engineering



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WP4 Harvesting



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WP5 Processing



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WP6 Biology



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WP7 Products



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