



AquaHealth

Microalgae Microbiomes
- A natural source for the prevention and treatment of diseases in aquaculture

<https://aquahealth-project.com>



Project consortium includes 1 SME:



Portfolio of Outputs and Commercialisation Needs

Outputs

Advanced meta'omics toolbox



TRL 4-5

Screening techniques

Cultivation and DSP methods



TRL 7+

Cultivation of microalgae and down stream processing methods

Microalgal microbiomes



TRL 3-4

Utilisation of bioactive molecules from microalgal biomes for aquaculture health management

LCA Models



TRL 4-5

Life Cycle Assessment models for microalgae cultivation and fish aquaculture

Commercialisation Needs

Higher efficiency/ productivity of cultivation system

Lower energy consumption (cultivation phase and downstream processing)

Antimicrobial/ antiviral assessment of bioactives

Upscaling production of bioactives

User friendly model with graphical interfaces, API, or apps

