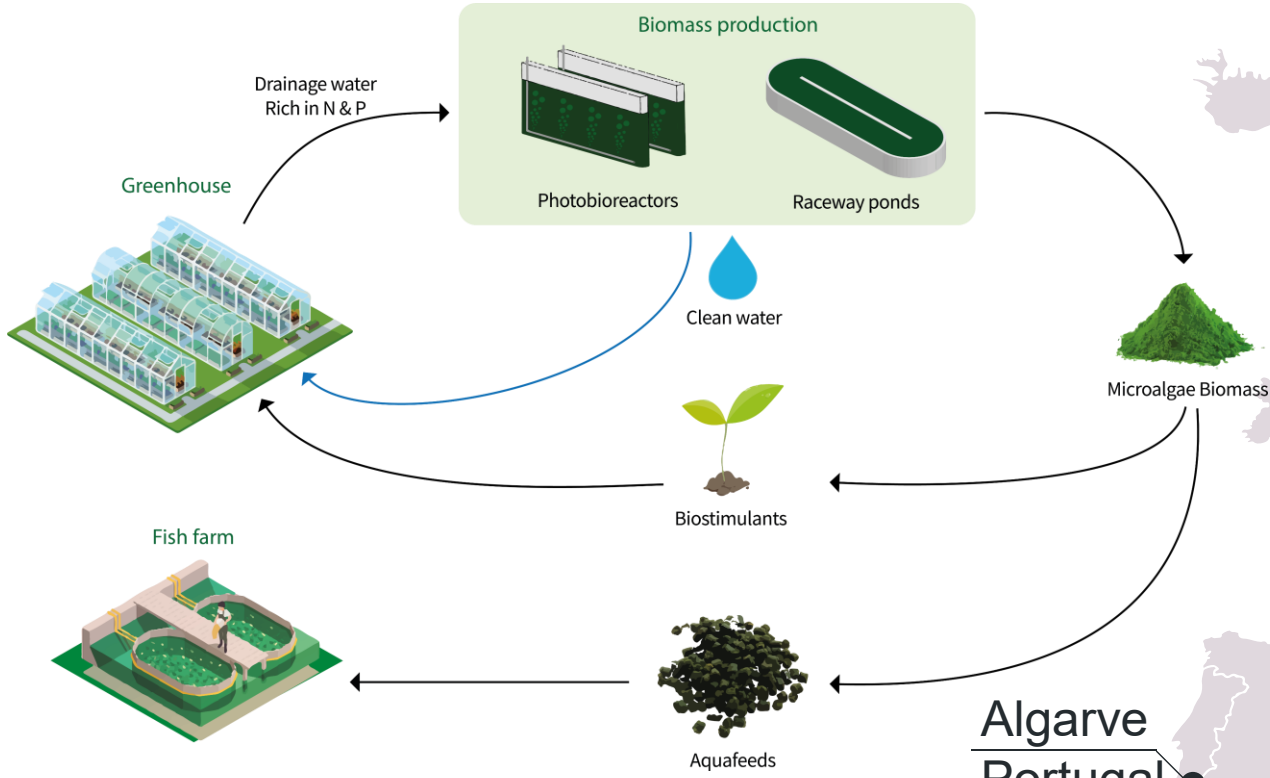


Valorisation of greenhouse effluents with microalgae: Sustainable aquafeeds and biostimulants from drain water.

Funded by
Iceland
Liechtenstein
Norway grants

Co-funded by
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 Programme Operator
 Direção-Geral de Política do Mar



Nordland
 Norway

Every drop counts in soilless crop production as the intensive use of water and the release of nutrient-rich effluents (drainage water) impacts negatively the environment.

Algacycle will re-use these drain waters to produce microalgae. The resulting microalgal biomass will be fractionated into water extracts and remaining debris. These fractions will be used for feeds in aquaculture or biostimulants for plants.

The team is composed by an algal producer (Necton), berry producer (Hubel), automatization experts (FulgurIT) and research institutions with expertise in aquaculture (Nord), horticulture (UALg) and plant biostimulants (Nibio).

Algarve
 Portugal

55% more freshwater needed by 2050
10% of the EU population face 50 mg/L nitrates in drinking-water
1500ha soilless greenhouses in PT
2700Kg algal biomass per year of from 1 ha greenhouses

Working together for a green, competitive and inclusive Europe.