



**VicInAqua** project aims at developing **innovative** multipurpose **self-cleaning water filtration solutions** adapted for **sanitation** of different **wastewater streams**, which will be reused in **Recirculation Aquaculture Systems (RAS)** and Agriculture Irrigation at **Lake Victoria**.

[www.vicinaqua.eu](http://www.vicinaqua.eu)

## Project Concept & Objectives

The innovative core idea of **VicInAqua** is to develop, test and integrate novel technologies in a common system.

- Development and screening of **novel self-cleaning membranes**.
- Set-up of a small technical **membrane bioreactor (MBR)** to supply clean water to RAS and agriculture.
- **Integrated renewable energy power supply** based on photovoltaics and biogas.
- A robust and low-cost **real-time sensor system for water management** based on wireless network monitoring.
- All R&D steps will be accompanied by an **Environmental Impact Assessment and socio-economic studies**.
- **Awareness raising, capacity building and knowledge transfer** among local population.
- **Foster gender equality and better integration of women** in aquaculture activities.

**VicInAqua** novel solutions are conceived as a tailor-made response to local sanitation and water supply needs of Victoria Lake inhabitants and industry.

Interested in **VicInAqua** activities?  
Join our stakeholders community!

## Project Consortium



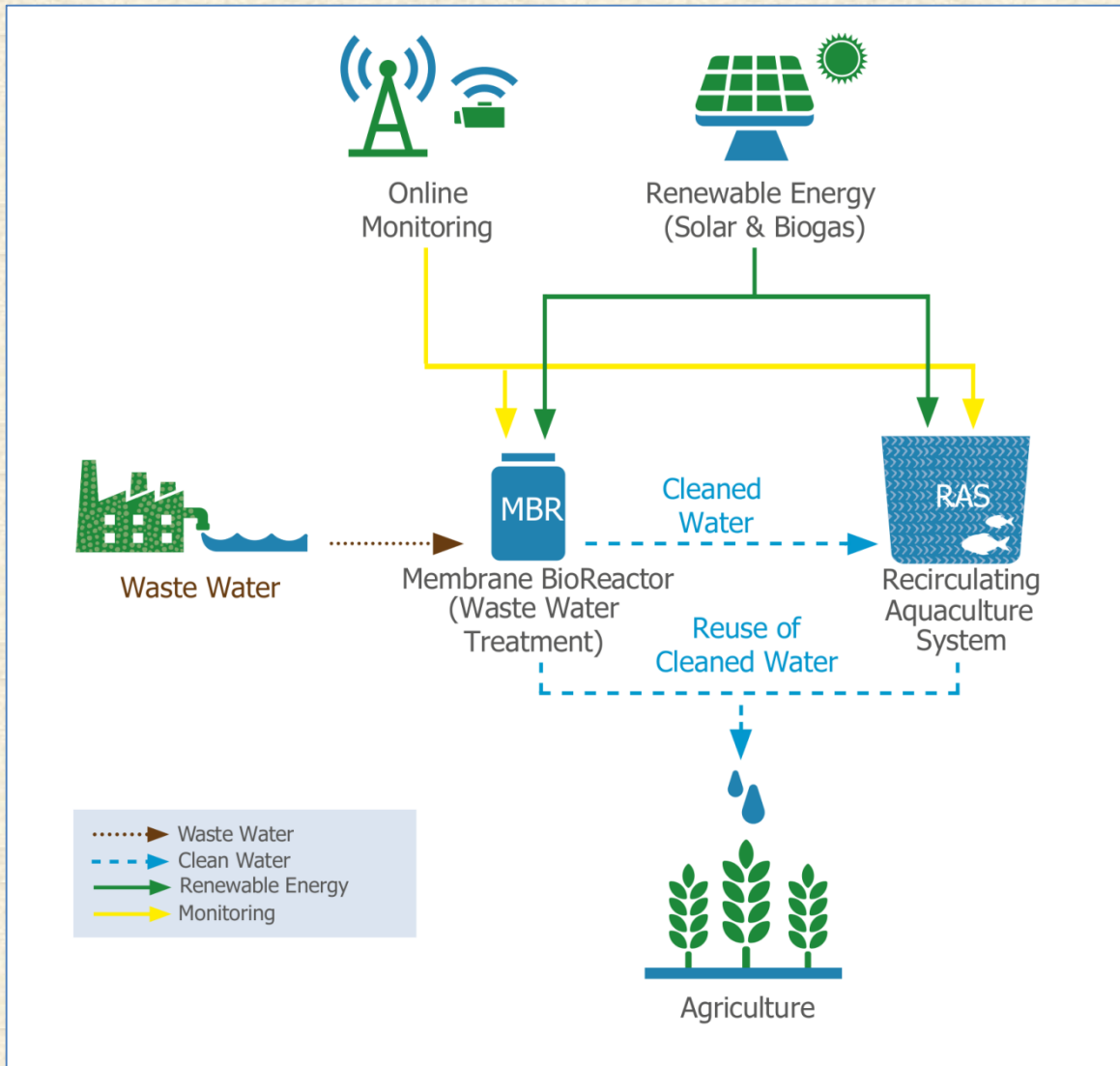
This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 689427



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