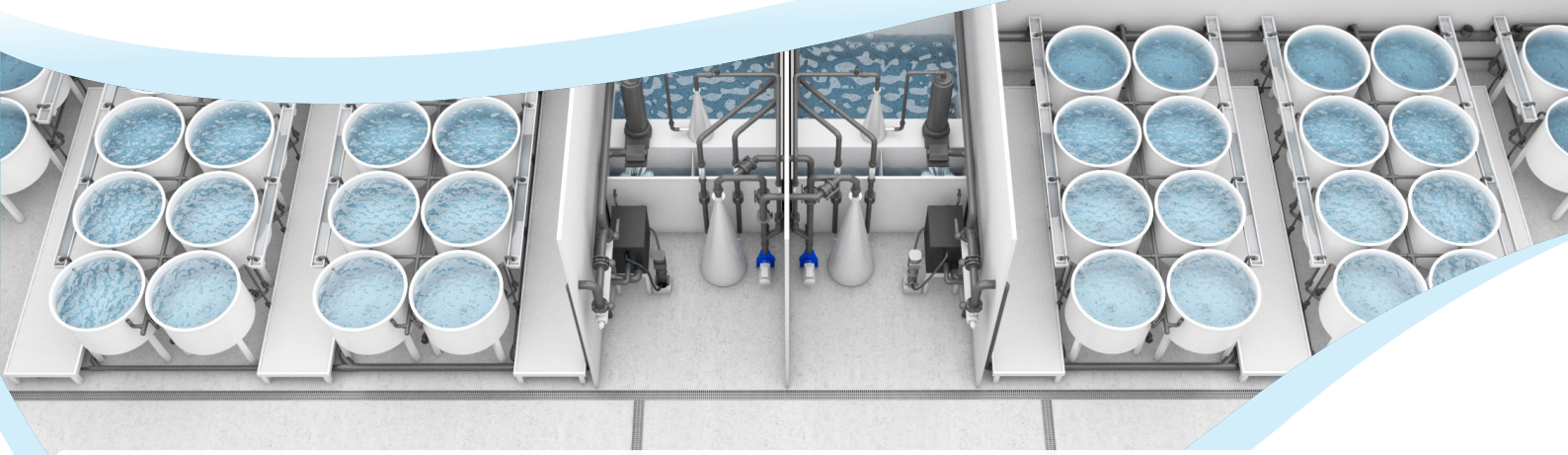


ExperiRAS™



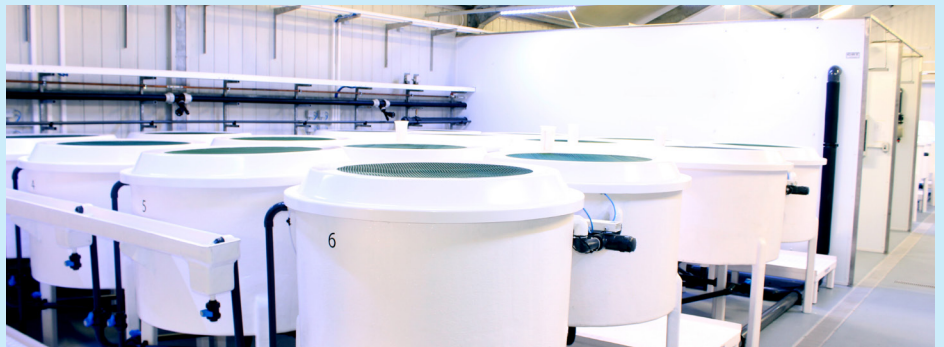
AquaBioTech Group is an international aquaculture and fisheries consulting company strategically located in the Mediterranean, on the island of Malta. It operates globally, with clients and projects in over fifty-five countries. Staff are recruited from across the globe, enabling communication with clients in thirteen languages.

AquaBioTech Group undertakes a variety of aquaculture, fisheries, marine surveying, aquatic environmental, financial, and technical projects, performed with its selected, worldwide partners.

AquaBioTech Group has an established, global reputation in designing and installing recirculation aquaculture systems (RAS).

AquaBioTech Group remains unique in its field, providing solutions for a variety of aquatic projects from aquaculture development and environmental monitoring through, to technology innovation and support.

Recirculation system development within aquaculture has entered a new chapter, and **AquaBioTech Group** has been at the forefront of this technology for many years, having developed a number of highly efficient and cost-effective recirculation aquaculture systems for hatchery, brood stock and on-growing operations. Components of these systems are a result of many years of research and client feedback.



EXPERTISE

With almost twenty years of experience of RAS experimental research, with many different species of fish (and other aquatic animals) in our R&D facility in Malta, **AquaBioTech Group** has gained vast knowledge on fish nutrition, fish health, fish behaviour, and in-depth understanding of fish husbandry. As a result, **AquaBioTech Group** developed ExperiRAS™ which is customised to match client needs.

The ExperiRAS™ system design is a result of the work of **AquaBioTech Group's** engineers and architect, each offering a wide variety of skills, including mechanical engineering, industrial automation and wastewater treatment.



ExperiRAS™



SPECIFICATIONS

As a result of hands-on experience in research and development, **AquaBioTech Group's** team has developed a state-of-the-art, turnkey wet lab model, the ExperiRAS™.

WHY CHOOSE US?

AquaBioTech Group offers a competitive product, being reliable and easy to install, operate and service. ExperiRAS™ can be customised, with different levels of automation, built-in controls and an excellent bio-security package.

ExperiRAS™ CAPABILITIES

AquaBioTech Group ExperiRAS™ can be designed and operated for several different research purposes, including:

- Nutritional trials
- Ecotoxicity tests
- Pathogen and parasite challenge tests
- Vaccine and functional ingredient tests
- Genetic traits studies
- Fish behaviour studies
- Shellfish depuration systems
- Zebrafish experiments



ExperiRAS™ MONITORING AND CONTROL SYSTEM

To improve the quality of our client's experimental research, all **AquaBioTech Group** ExperiRAS™ systems are equipped with a custom-designed Monitoring and Control System, with a wide variety of sensors, for measuring:

- | | |
|---------------------|---------------|
| ● Water temperature | ● Salinity |
| ● pH | ● TGP |
| ● Redox | ● Water level |
| ● Oxygen | ● Flow |
| ● Carbon dioxide | ● Pressure |

