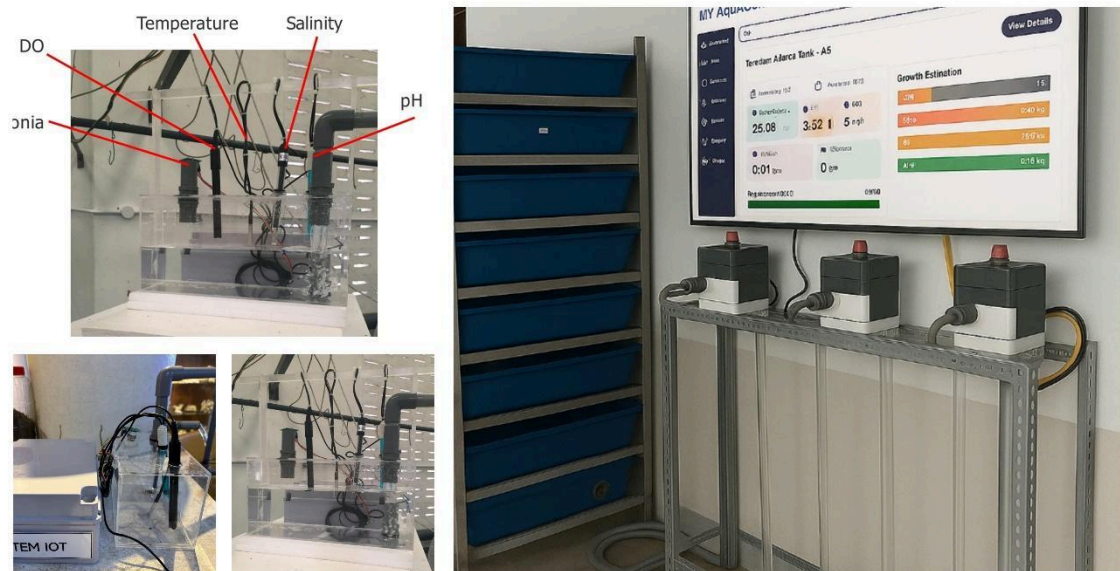


Technologies on monitoring towards aquatic ecosystem damage prevention (direct work)

(Work directly (research and/or engagement with industries) on technologies or practices that enable marine industry to minimise or prevent damage to aquatic ecosystems)

IoT System Installation for Giant Freshwater Prawn Farming



I-AQUAS implemented an Internet of Things (IoT) monitoring system at Atlantys Aqualife, Merlimau and Medan Ikan Bakar Serkam, Melaka to enhance giant freshwater prawn farming efficiency and sustainability. The system enables real-time monitoring of water quality parameters such as temperature, dissolved oxygen, pH, and ammonia, ensuring optimal growing conditions.

This initiative promotes smart aquaculture practices and supports sustainable management of freshwater resources through technology-driven solutions.