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Singapore to emerge as research and innovation cluster for sustainable tropical aquaculture

To transform aquatic food systems to be more sustainable and resilient

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The Singapore Food Agency (SFA), National University of Singapore (NUS), Temasek Life Sciences Laboratory (TLL), and seven industry partners [Barramundi Group (BG), Blue Aqua International (Blue Aqua), Singapore Aquaculture Technologies (SAT), Swee Chioh Fishery (SCF), The Fish Farmer, Universal Aquaculture (UA), and Vertical Oceans (VO)] have

signed a Memorandum of Understanding (MoU) to develop the AquaPolis Programme.

The AquaPolis Programme, an initiative under Singapore Food Story R&D Programme 2.0, envisions Singapore to be a leading research and innovation cluster for sustainable tropical aquaculture. It brings together local and overseas aquaculture researchers and industry partners to reap strategic synergies in developing innovative and sustainable solutions, while cultivating talent for the industry's workforce.

AquaPolis will capitalise on the technical, operational and research expertise of strategic partners to achieve translational R&D results, in improving the productivity and competitiveness of our local farms towards Singapore's "30 by 30" food security goal. This goal aims to build the agri-food industry's capability and capacity to sustainably produce 30% of Singapore's nutritional needs by 2030.

Beyond local production, the developed solutions and innovations may also be relevant to agri-food industries in other regional countries and contribute to sustainable food practices and enhance food security, particularly in the light of climate change.

The MoU demonstrates the shared commitment of SFA, NUS, and TLL in R&D collaboration, and exchanges with industry partners on the knowledge of cultivation and intensification of sustainable aquaculture production in Singapore.

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