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Singapore becomes aquaculture technology hub for Israeli firm Tiran Group

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Israeli firm Tiran Group is using Singapore as a base to drive the use of technology and innovation to help meet Asiaâ??s demand for food security and clean water, as reported by Singapore's local media The Straits Times.

Apart from moving up to 70,000 ship containers annually from Turkey to Israel and back, Tiran is also involved in the aquaculture of red tilapia fish in Israel and freshwater prawns in Asia, namely China and Vietnam.

Haim Avioz, the founder of Tiran Group, during a visit to Singapore in mid-September said that the global demand for seafood continues to rise, led by consumers in Asia, home to 60 % of the worldâ??s population.Â

There is now a global crisis in fisheries caused by over-fishing and climate change. Aquatech, or farming using innovative technology, can plug this gap and is projected to be the primary source of seafood in the future.

â??We are already active with prawn farms in China, Vietnam and Singapore. We are already selling our products to Cambodia, Taiwan, Thailand, Malaysia, Bangladesh, Brunei and more, and are looking into the Indonesia, India and Philippines marketsâ?• said Avioz, chief executive of Tiran and New Horizon.

In Singapore, Tiran is working with Opal Resources Farm to breed and sell broodlings of its freshwater prawns that produce only male prawns, which are larger.

The technology, which does not use hormones or chemicals and does not involve genetic modifications, produces higher yield of male-only prawns with a very low mortality rate. Tiran Group began as a shipping and logistics firm in 1997, ventured into aquaculture about a decade ago under a unit called New Horizon.