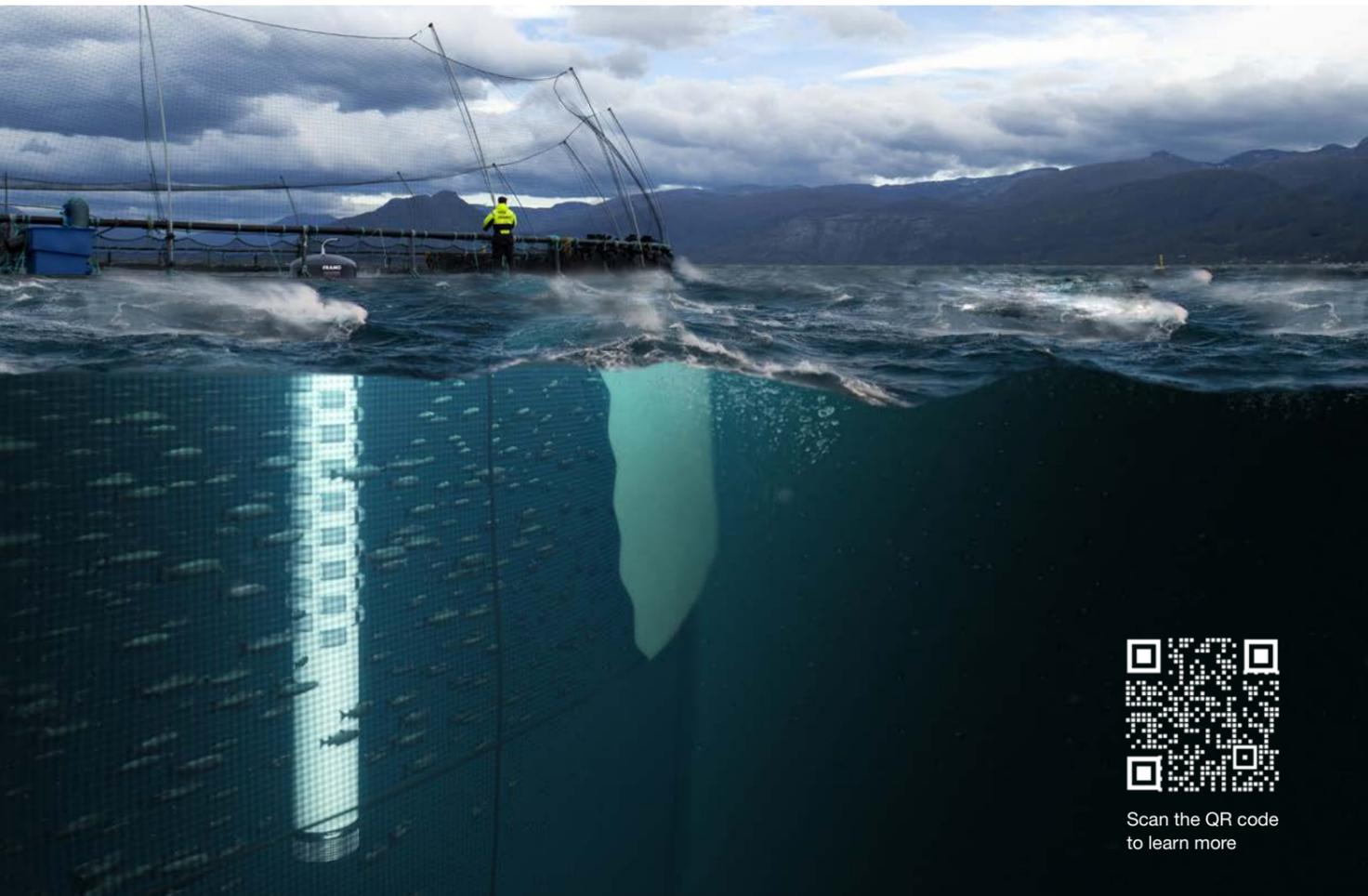


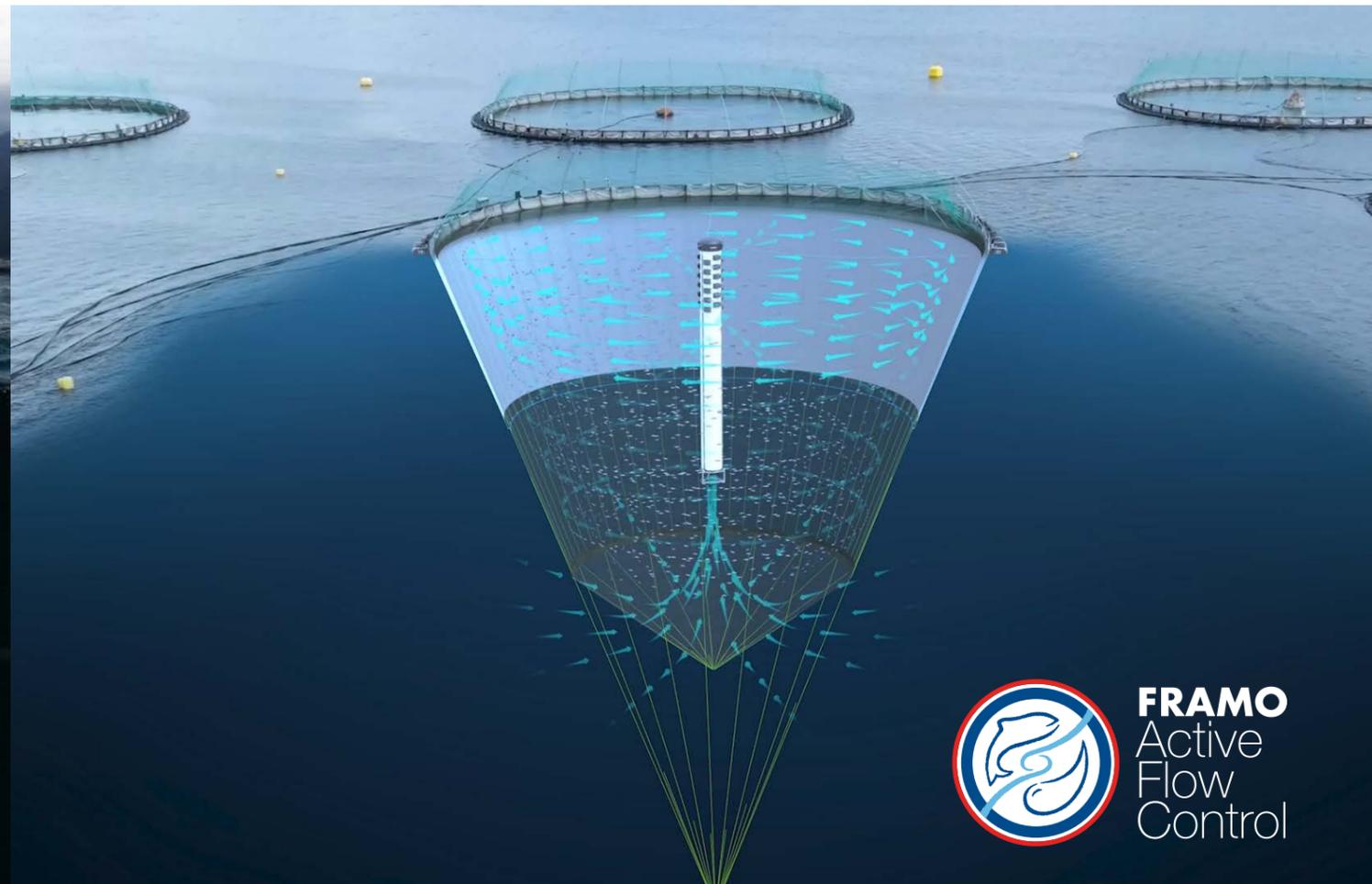
FRAMO AQUASTREAM

Optimal conditions in your pen





Scan the QR code to learn more



How Framo AquaStream provides healthier fish and faster growth

Framo AquaStream is a proven, commercially available upwelling system designed for sea pens fitted with lice skirts. Although lice skirts reduce lice ingress, they also limit natural water exchange, which can lead to poorer circulation, lower oxygen levels and declining water quality inside the pen.

AquaStream solves this by pumping clean seawater from deep below the algae and lice layer and distributing it throughout the pen. This continuous upwelling replenishes internal circulation, increases oxygen levels and improves overall water quality. Because the system supplies water from deeper layers where sea lice are absent, the lice pressure in the pen is significantly reduced, lowering the need for delousing operations.

With a steady flow of fresh seawater and improved internal conditions, the fish remain more active, feed better and achieve faster, healthier growth in a more stable environment. AquaStream gives your fish what they need — and gives you the results you want.

Framo AquaStream

Framo AquaStream



SR2000



Innovative products based on proven technology

Framo is a world-leading supplier of pumping technology to chemical tankers and the offshore market. Common to these markets are extreme demands on performance, reliability and safety. We have taken these requirements with us into the aquaculture industry. Through many years of collaboration with Norwegian fish farmers, we have developed functional and reliable solutions for aquaculture.

What you should know about Framo AquaStream

Framo AquaStream is a high-capacity upwelling system for open-sea cages. AquaStream draws deep water from below the lice belt, delivering improved oxygen levels and optimal temperature conditions for healthier fish. Integrated in Framo AquaStream are the SR2000 propeller pump, duct tunnel with nozzles, transport skid with integrated strainer, buoy with winch system and feeding spreader.

As a system supplier, Framo also offers the complete AquaStream control system. The SR2000 is operated with stepless capacity control, provided by a variable-speed drive. It can be operated locally or remotely, and the control system can easily be integrated with your main control systems.

The SR2000, which is the heart of AquaStream, is a rim-driven propeller pump with a permanent magnet motor, designed to move large amounts of water with minimum back pressure. The pump has water-lubricated bearings and is seawater-cooled. There is no grease, no oil, no gears and no shaft. The pump has no vibration and creates no noise pollution — perfect for aquaculture applications.

Why choose Framo AquaStream?

Framo AquaStream has proven to increase fish welfare and output by:

- Significantly reducing the need for lice treatment
- Stabilising seawater conditions inside the pen
- Increasing fish appetite and feeding ratio
- Reducing mortalities
- Combatting algae and jellyfish events



framo.com

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