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BLUE ECONOMY
TETRAS

RAS-demo at CELF

Sustainability in focus

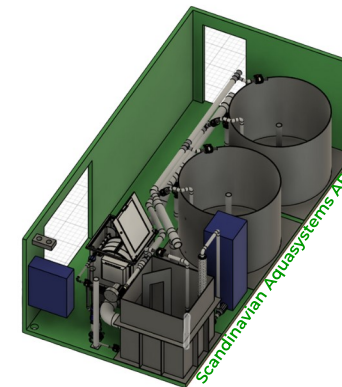
Do you want to know more?



Questions?

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CELF

HTX
Teknisk gymnasium
Lolland-Falster

Handelsgymnasiet
Lolland-Falster HHX

BIO2X


GULDBORGUND

CELF works with fish production for the future: Agricultural RAS

The facility at CELF is a mini version of a commercial Swedish facility. The goal is to build knowledge, expertise and awareness of land-based fish farming integrated in agriculture to deliver healthy local fish to consumers' plates.

The technology behind RAS makes it possible to tailor fish growth conditions and minimize the need for medication.

A RAS facility is a Recirculating Aquaculture System where up to 95% of the water the fish live in is reused (recycled).

ADVANTAGES FROM AGRICULTURAL-RAS

- The nutrients from the fish water are used as fertilizer in the fields.
- The water can be re-used for crops or in other synergistic productions.
- Can be established in existing (modern) farm buildings.
- Can be adapted to different fish species.
- Fish production with low climate and environment footprint.

CLARIAS GARIEPINUS

- Freshwater fish originally from Central Africa.
- A robust fish that is resistant to disease.
- Mild tasting and without small bones.
- Good at adapting to it's environment.
- Thrives in dense shoals.
- Effective growth rate: 0,9 kg feed ~ 1 kg fish.

