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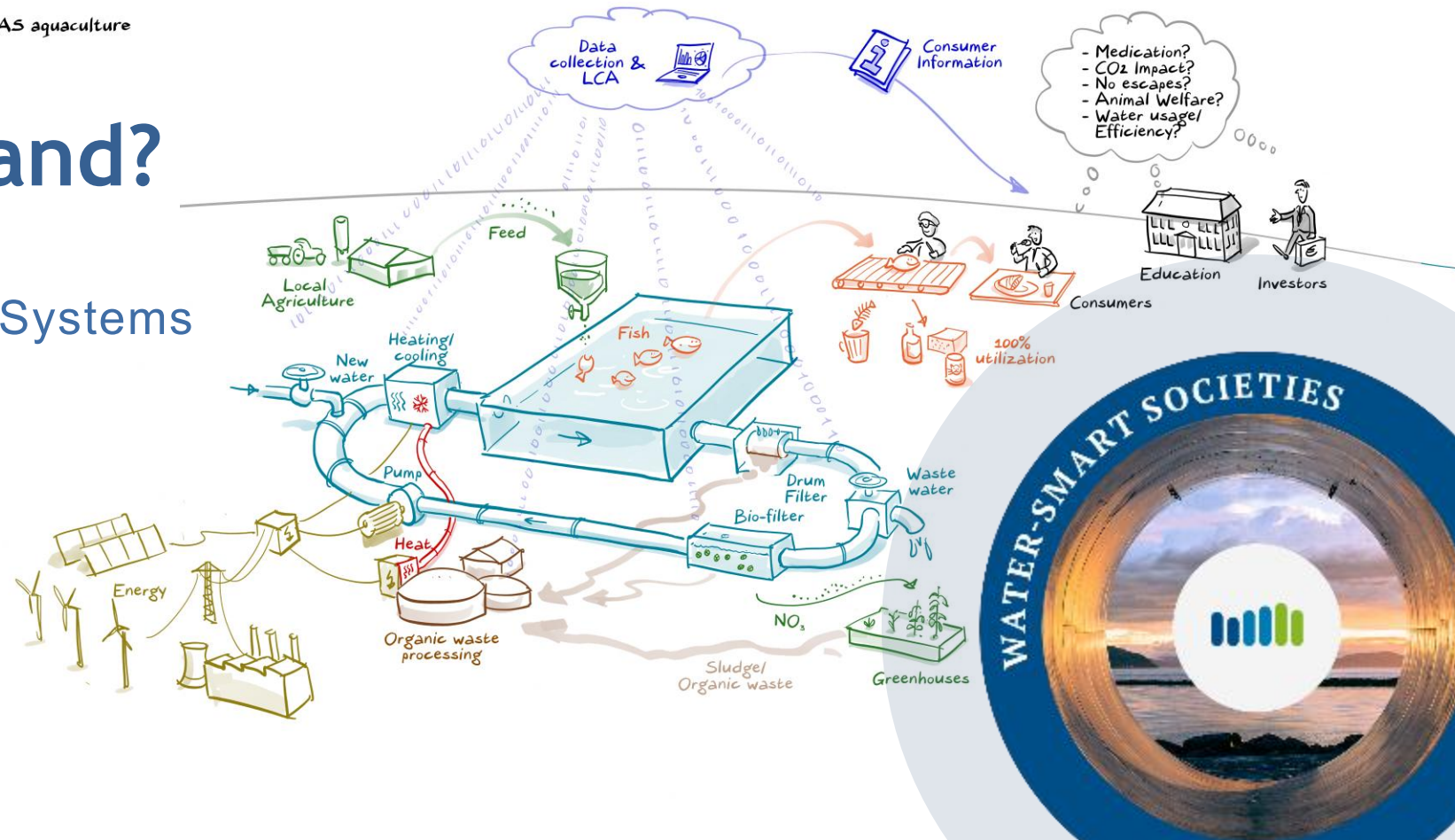
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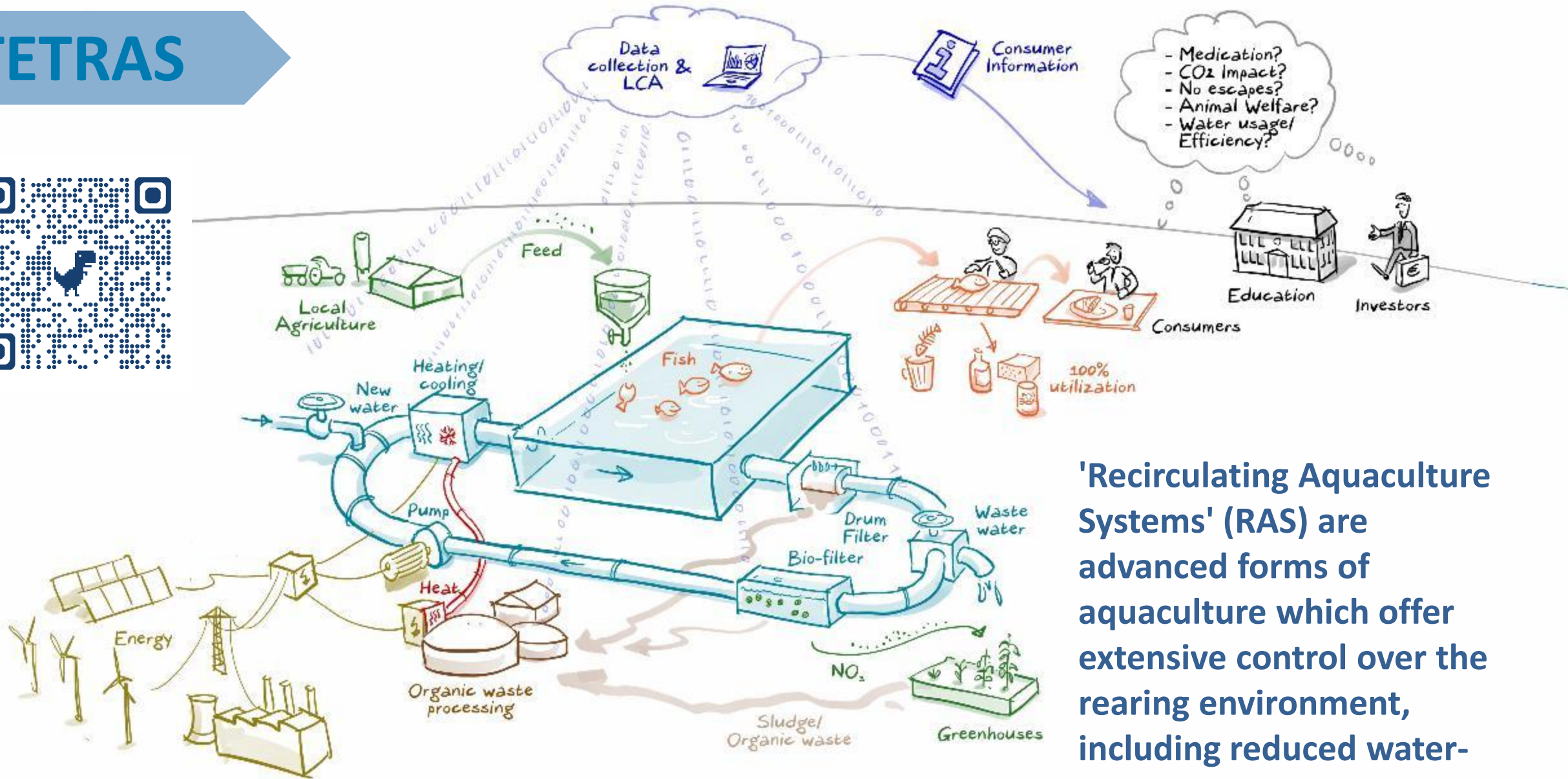
RAS aquaculture

Organic Fish on Land?

Are Recirculating Aquaculture Systems
part of a Future of Sustainable
Organic Animal Production?

Copenhagen | 19th August 2025





'Recirculating Aquaculture Systems' (RAS) are advanced forms of aquaculture which offer extensive control over the rearing environment, including reduced water- and feed consumption.



In The Head Lines

*Production and reputation
- gone wrong*



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27,000 Farmed Salmon Escape From Seafood Company off Norwegian Coast, Threatening Wild Fish

By: [Cristen Hemingway Jaynes](#) | Published: February 11, 2025 | Edited by [Chris McDermott](#)



Market for fish as feed expanding rapidly

September 3, 2024

by NF Aggregator in National & International, Aggregate News, Around the Coast

Image: University of St Andrews



Sea lice live on the outside of the salmon and can cause significant damage to their skin ([BBC 2018](#))

Dirty, Unregulated Industrial Salmon Farms Put Our Waters at Risk
If we are going to allow net pen fish farms in New England, we need stronger, more effective regulations.
MARCH 11, 2024 | CHELSEA KENDALL



Massive floating salmon pens dump waste directly into Maine's waters. Photo: Shutterstock

The RAS Panel at Organic Summit 25

Could RAS represent a new frontier in organic and sustainable animal protein — and what it will take for certification systems and policies to catch up?

Panelists:

- Jacob Veiss, CEO of Skagen Salmon (DK)
- Johan Ljungquist, CEO of Gårdsfisk (SE)
- Emma Rung, CEO of KRAV (SE)
- Christopher Atkinson, Head of Standards at Soil Association (UK)



Moderator:

Lars Holdensen, Senior Consultant at Danish Agriculture & Food Council (DK)

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Jacob Veiss

-CEO of Skagen Salmon



SKAGEN SALMON



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SØLV · 2024



Johan Ljungquist

-CEO of Gårdsfisk

GÅRDSFISK®



VISION

A world where we can eat fish without harming our oceans.



Omnivore - lower ratio of fishmeal and fish oil in feed.

Thrives in shoals & low levels of stress.

No medication needed since start (2013).



72 points

No eutrophication

FIFO ratio of maximum 0,8

Waste Water is used for irrigation - no chemicals!

Manual slaughter with bolt gun and bloodletting.

Maximum biomass 249kg / m³

Integrated agri- and aquaculture.

4 farmers

Current capacity 1 500 tonnes whole fish

Animal welfare organisations

Nature protection organisations

Based on:

Normal Behaviour

Good Appetite

Low wound rate

Low mortality rate



Emma Rung

-CEO of KRAV



Christopher Atkinson

- Head of Standards at Soil Association



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