# How to manage risk

- The key to land-based success

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Commercial Director Land Based



# AKVA's overall strategy for land-based salmon farming

1

Market leading Zero Water Concept RAS enabling sustainable and costeffective production 2

Delivering complete scope of fishfarming technology (e.g., feeding, fish tanks, fish handling, camera, lights, sensors, control system)

3

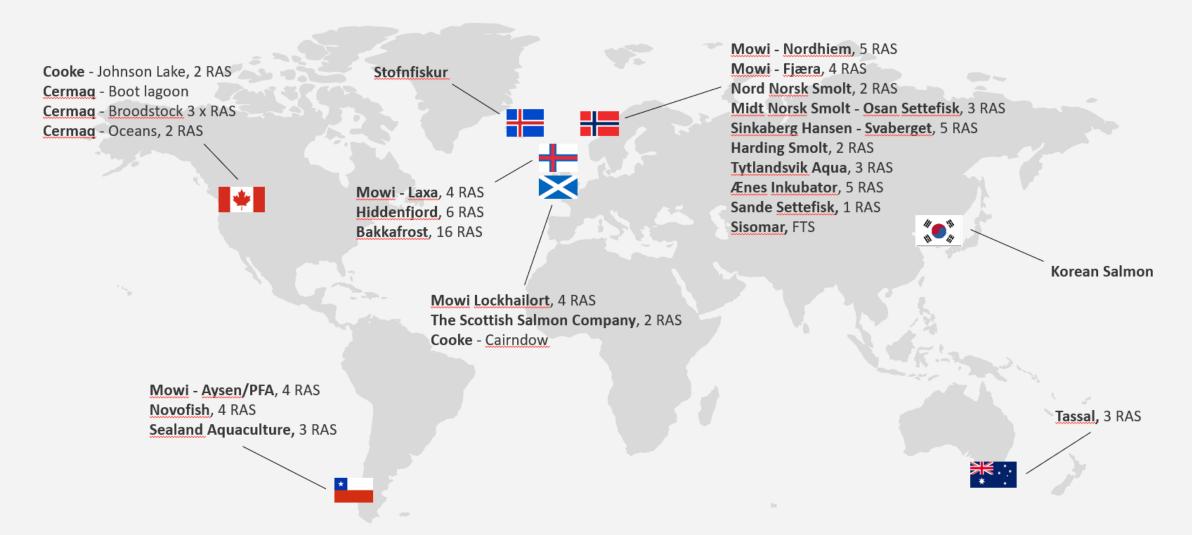
Data driven insight and intelligent farming systems enabling consistent and optimized production
- "Precision Farming"

4

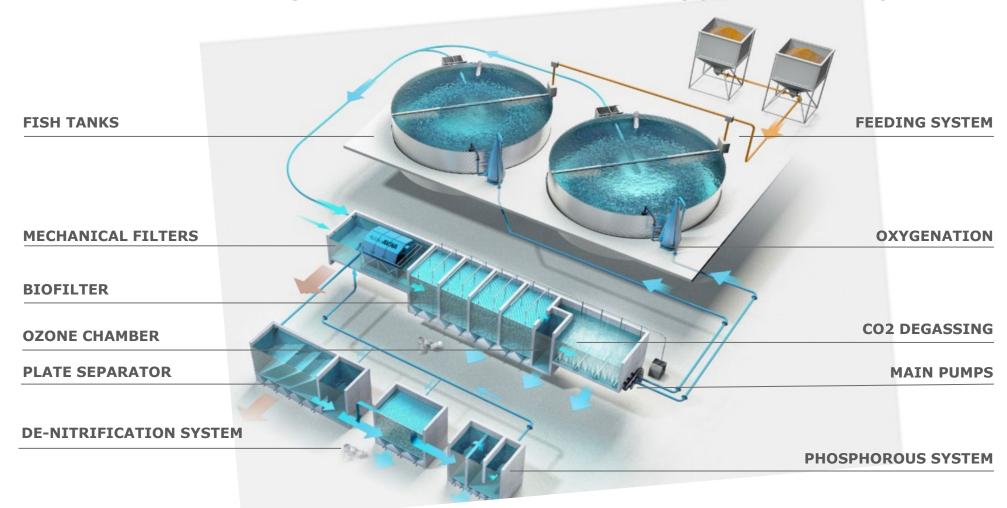
Production Advisory Service
- RAS production competence group
helping customers maximize
output and reduce costs



### AKVA group's 100+ facilities worldwide

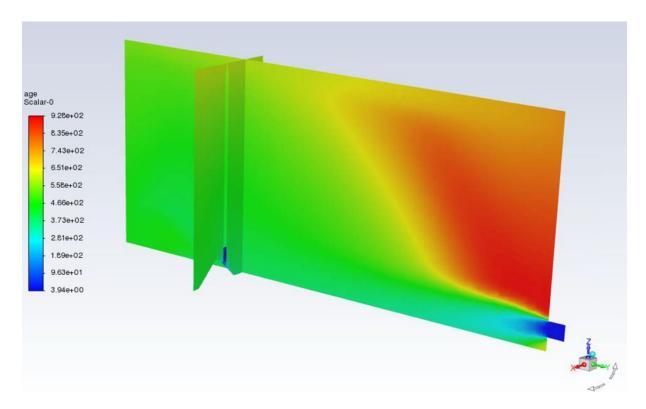


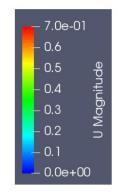
### Risk management with technology and design



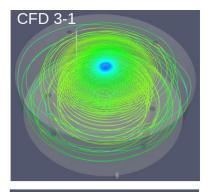


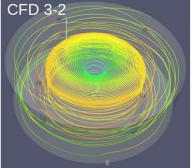
### **Document Flow and risk of sedimantation**

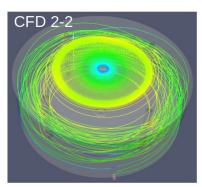


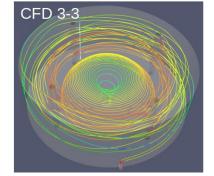












### AKVA's delivery scope enables full control

#### Complete production technology

#### AKVA core RAS technology

- Complete RAS modules incl. "ZWC"
- Water pumps, mechanical and biological filter systems, degassing systems, UV disinfection, process and emergency oxygenation system, etc.

#### AKVA core farming technology

- Feeding system
- Fish tanks
- Fish handling and grading systems
- Camera and sensors
- Lights
- Control system

#### Auxiliary equipment

- Water intake / treatment
- Waste water / sludge handling
- Heating and cooling
- Walkways
- Mortality handling system
- Emergency generators
- Etc.

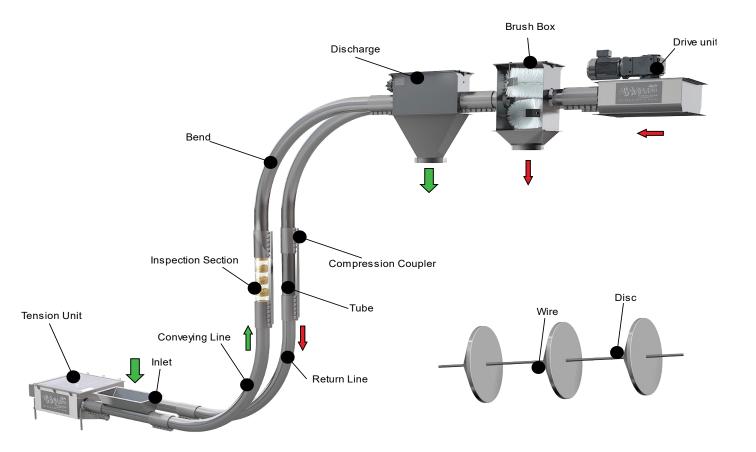


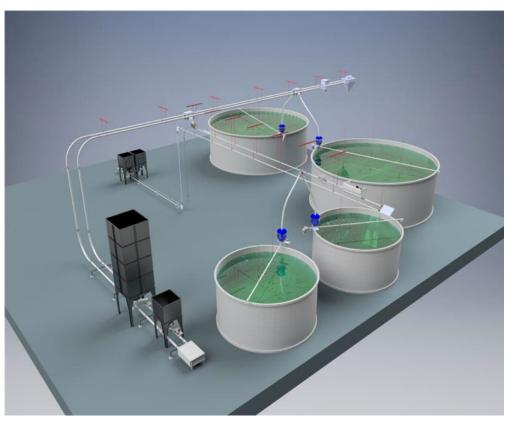
## Reduce risk by preventing feed dust

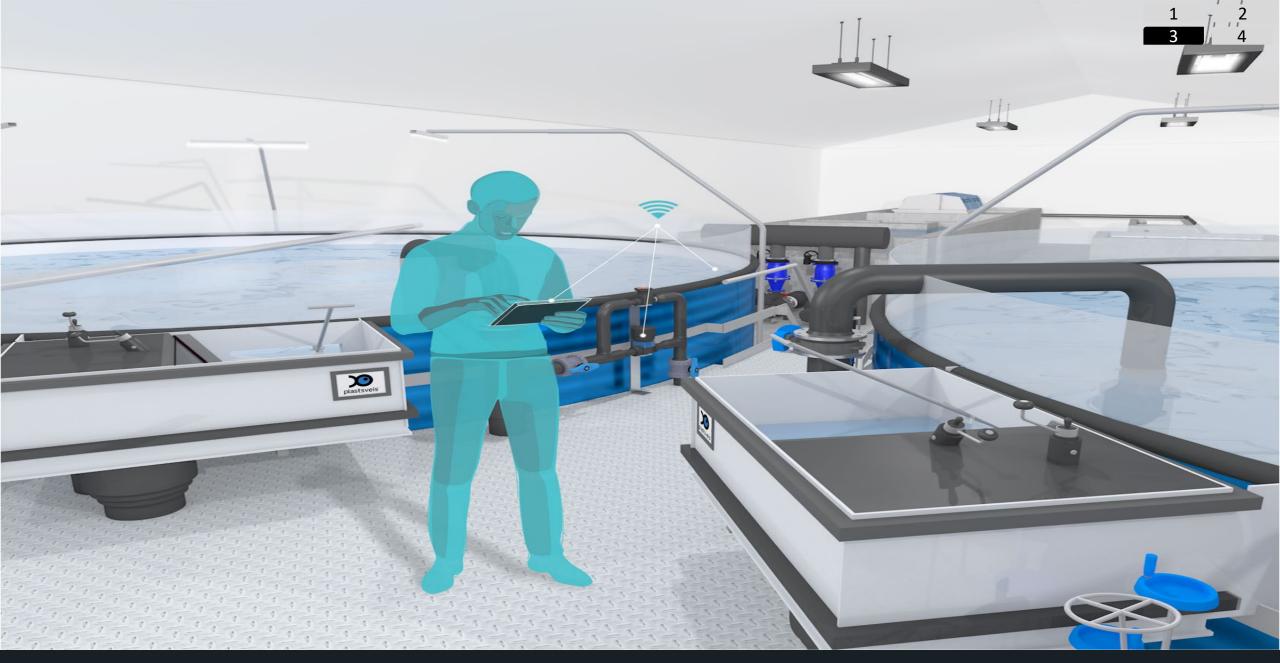


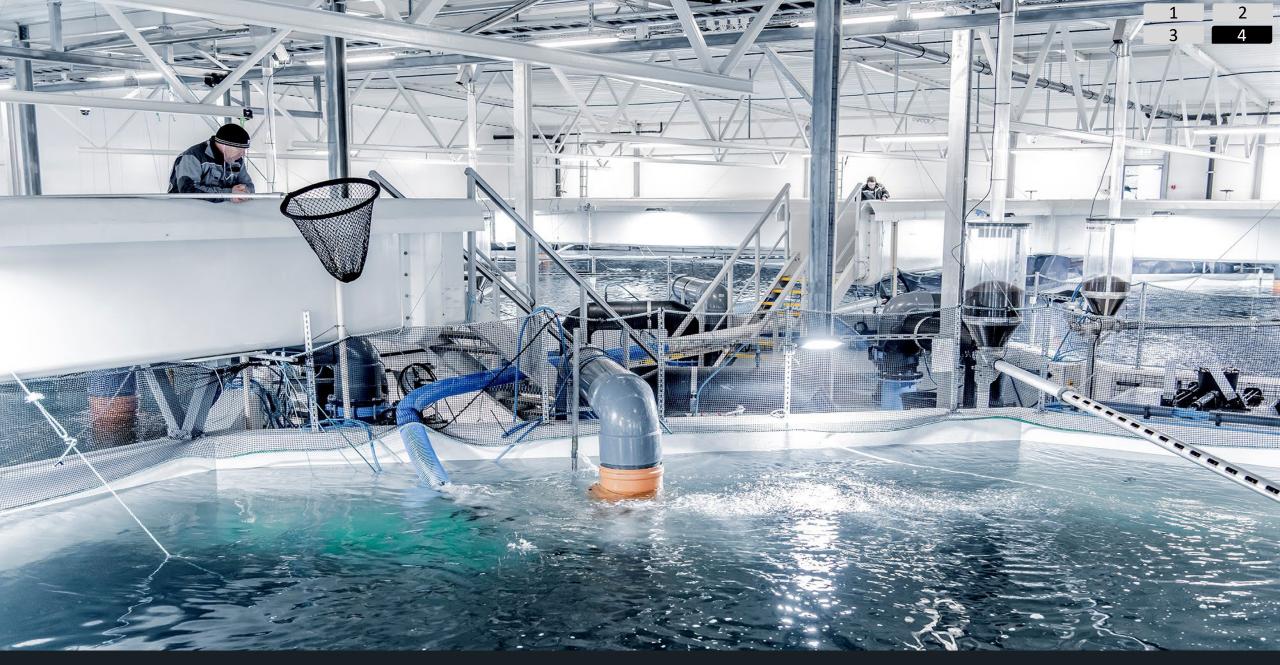


### Gental feed system with high capacity and correct design











### The effect of operation on input factors and technology

