

FLOCAZUR AB

"Trust Nature"



New waterpurification technology

PARTNERS



PARTNERS



CHALMERS INDUSTRITEKNIK

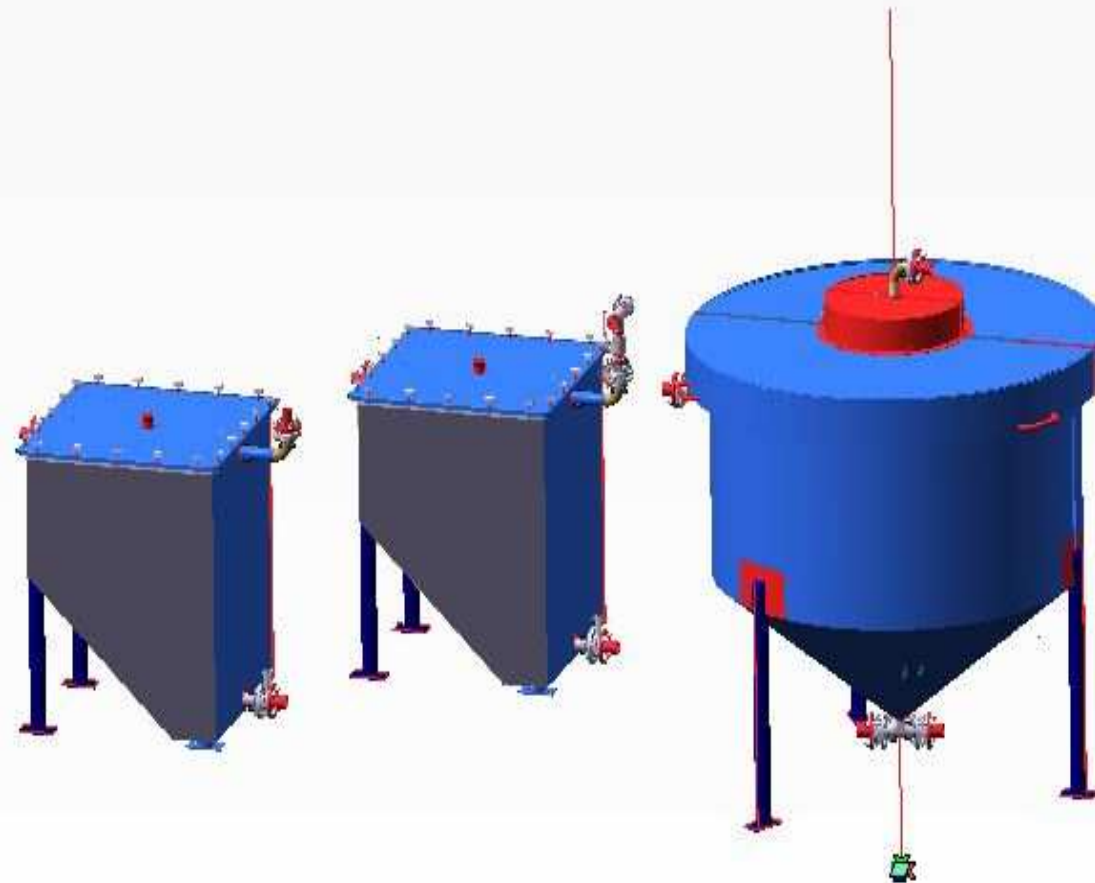


Vattenbrukscentrum Väst

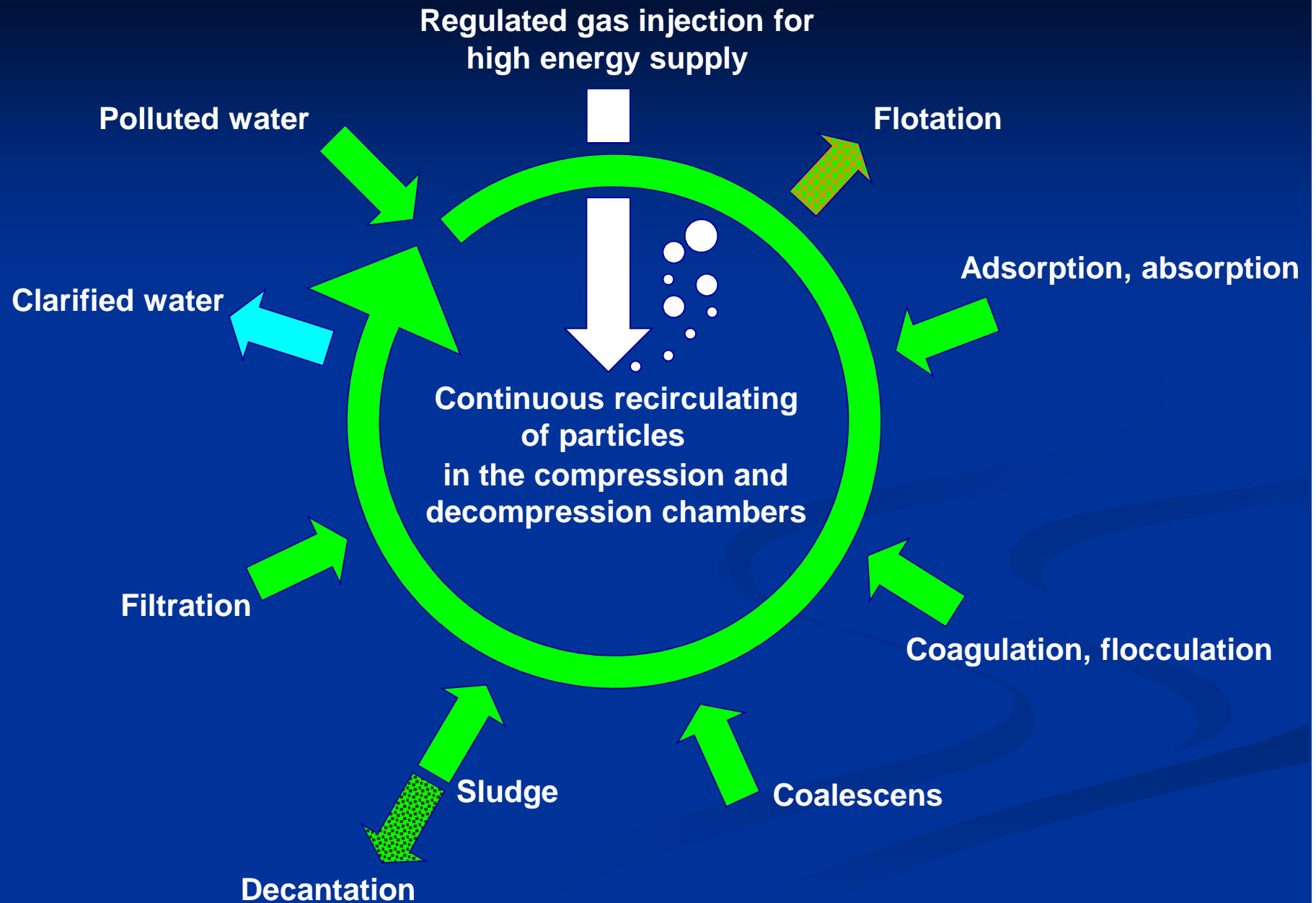


Vattenbrukscentrum Ost

Capacity 170m³/day



Super Charging Particle Systems (SCPS)



What Could Flocazur do?

- . Optimizing the particles binding capacity due to new innovative and simple design
- . Optimizing the reaction time for oxidation, adsorption, absorption coagulation and flocculation
- . Reduce suspended solids, hydrocarbon, organics nitrogen and phosphor
- . Increase oxygen level
- . Optimize biological capacity for nitrification and denitrification
- . Reduce BOD, COD, and TOC
- . Better control of sludge production, both in quality and quantity
- . Reduce the use of energy
- . Flocazur is scalable and can be included in another clarification process or perform on its own

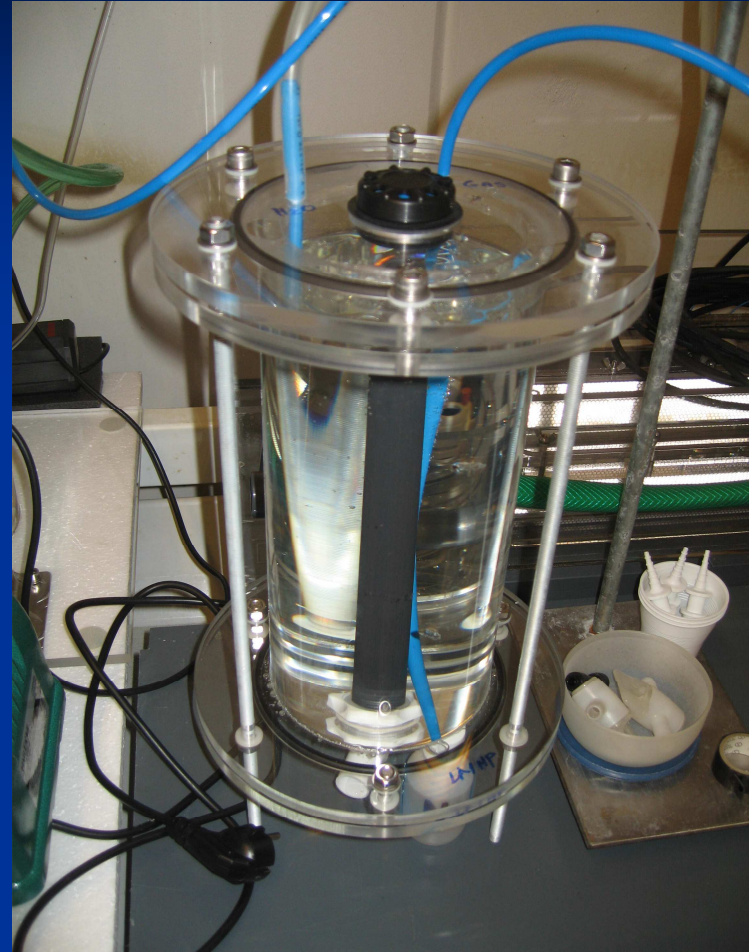
Bussiness and Technical Advantages

- . Works without or very low amounts of chemicals
- . Works in fresh- and saltwater
- . Free of mechanical parts
- . Time effective process
- . Reliable
- . Flexible constructions, applications
- . Energy saving
- . Low maintenance
- . Longevity
- . Cost effective technology

Aquaculture market

- RAS Recirculating Aquaculture Systems
- Semi closed solutions
- Closed solutions
- Spawnhatching
- Fish slaughter

Lab-Test

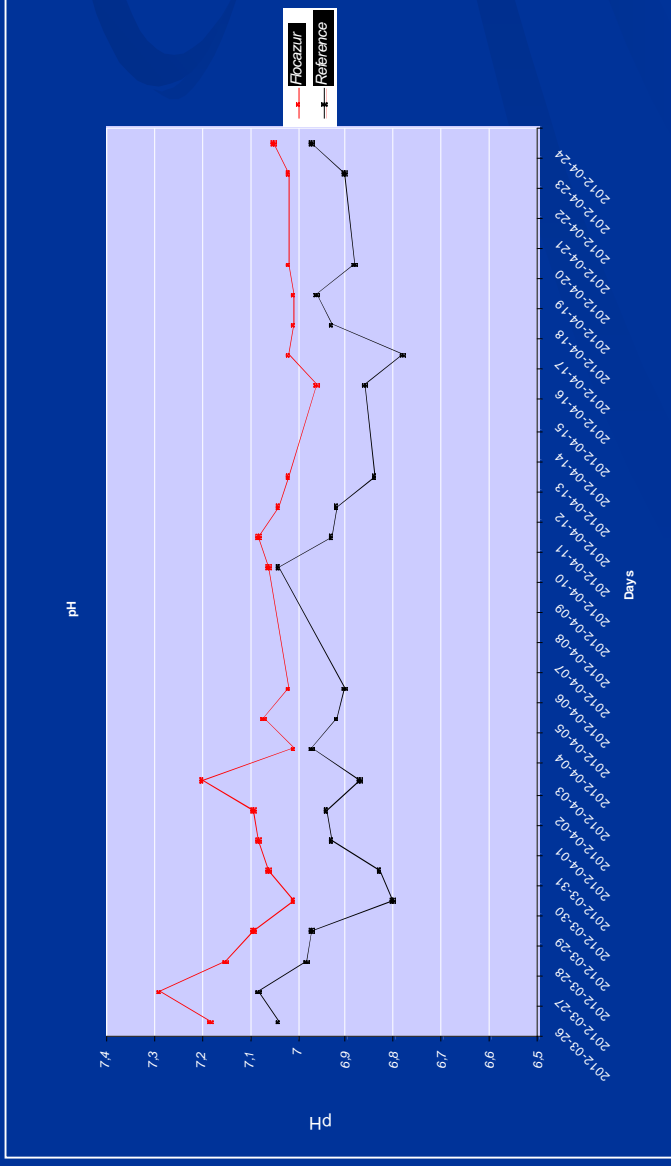
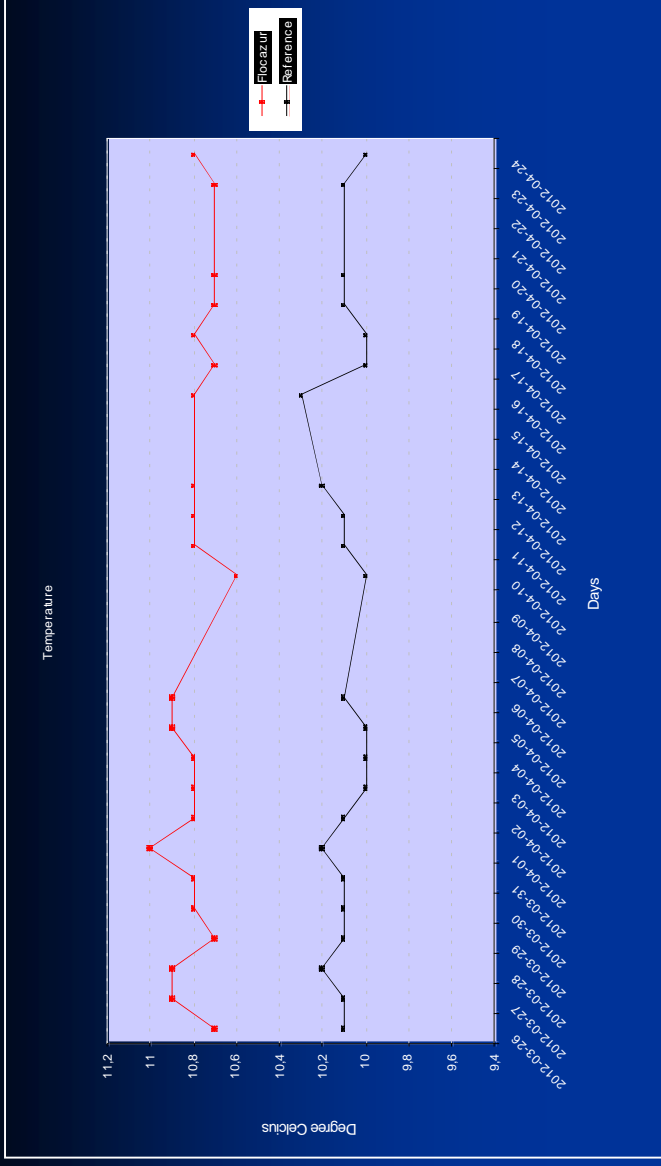


University of Göteborg Dept of Zoology

Test results

Ability to regulate the temperature gradients

Temperature of the laboratory : 17° C

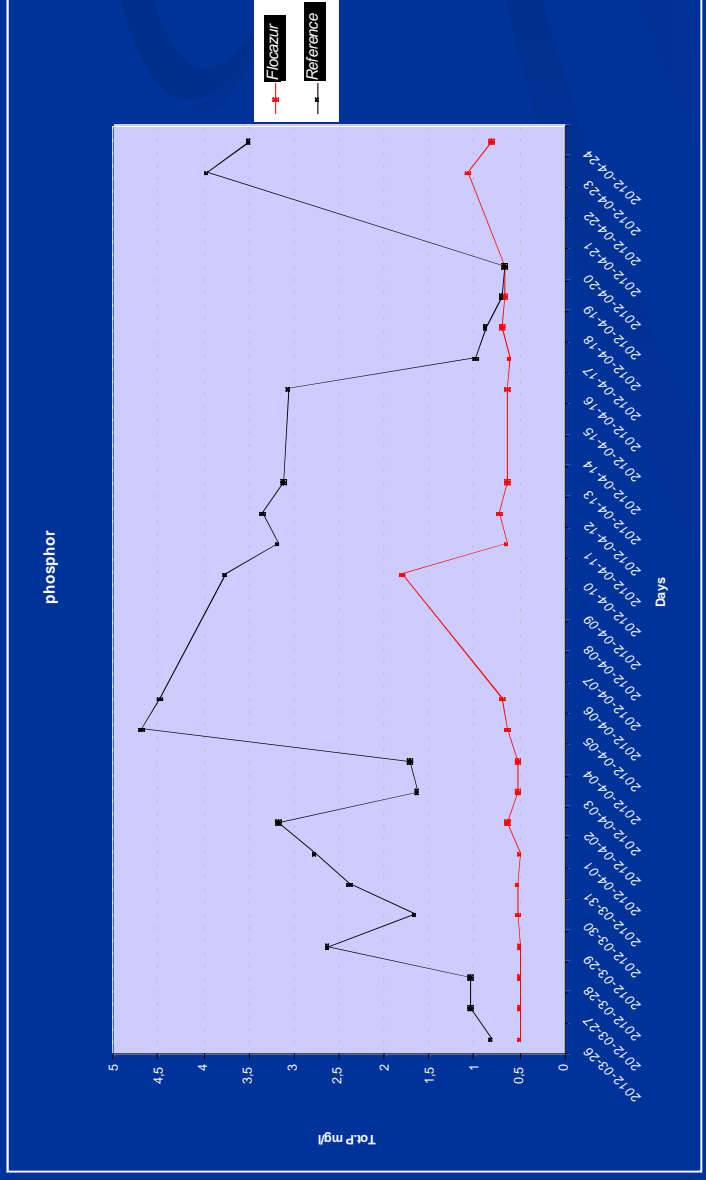
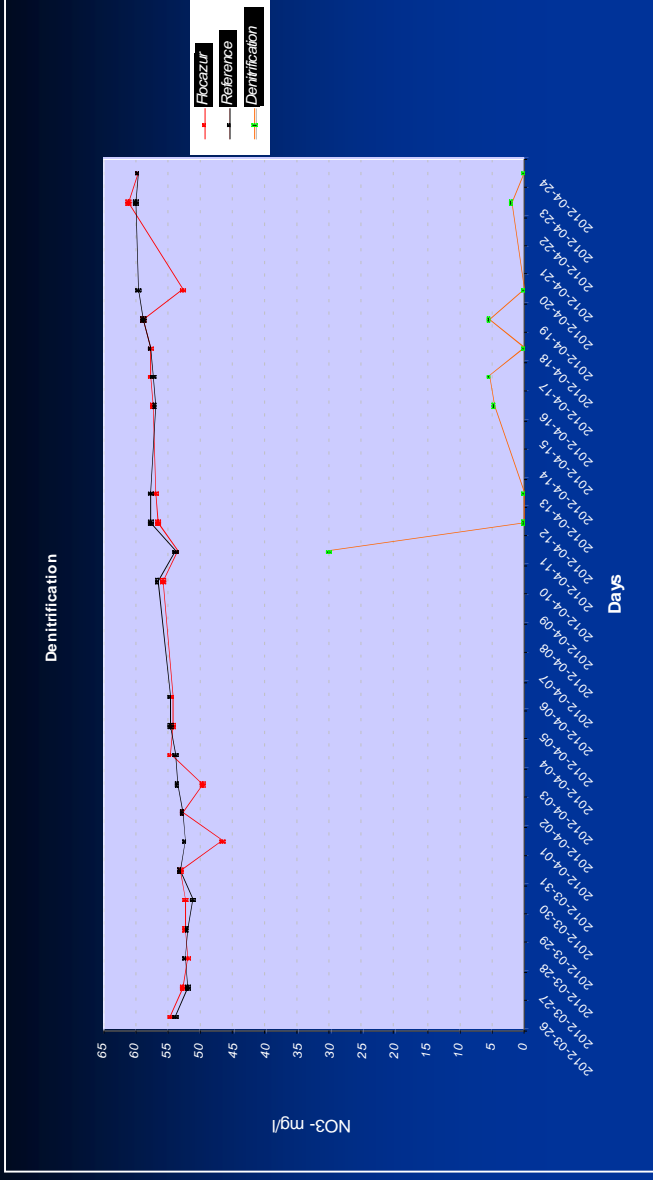


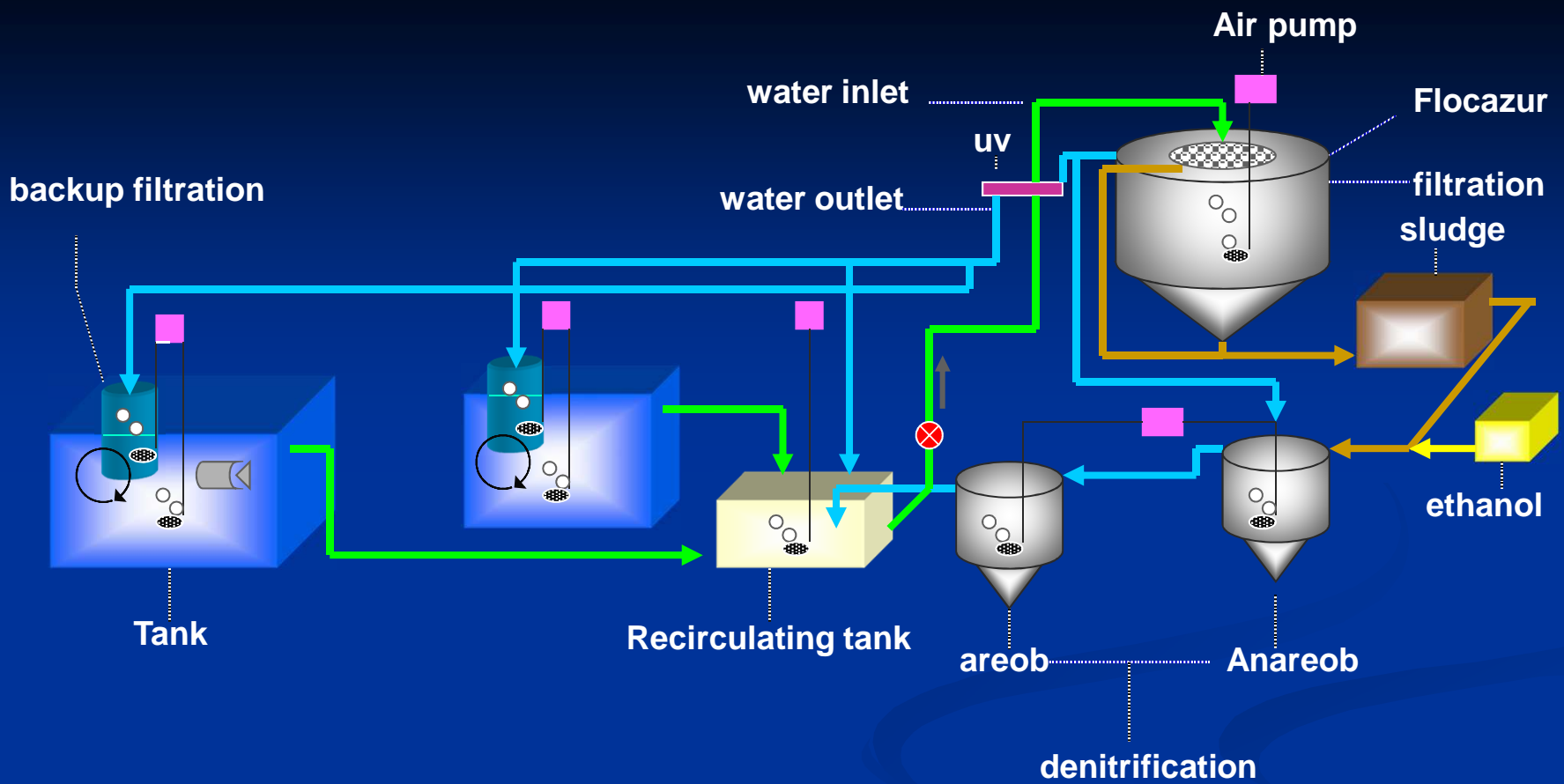
Capacity a reduce the partial pressure of CO2 and increase the pH

Test results

- Nitrate (NO_3^-) reduction > 98%

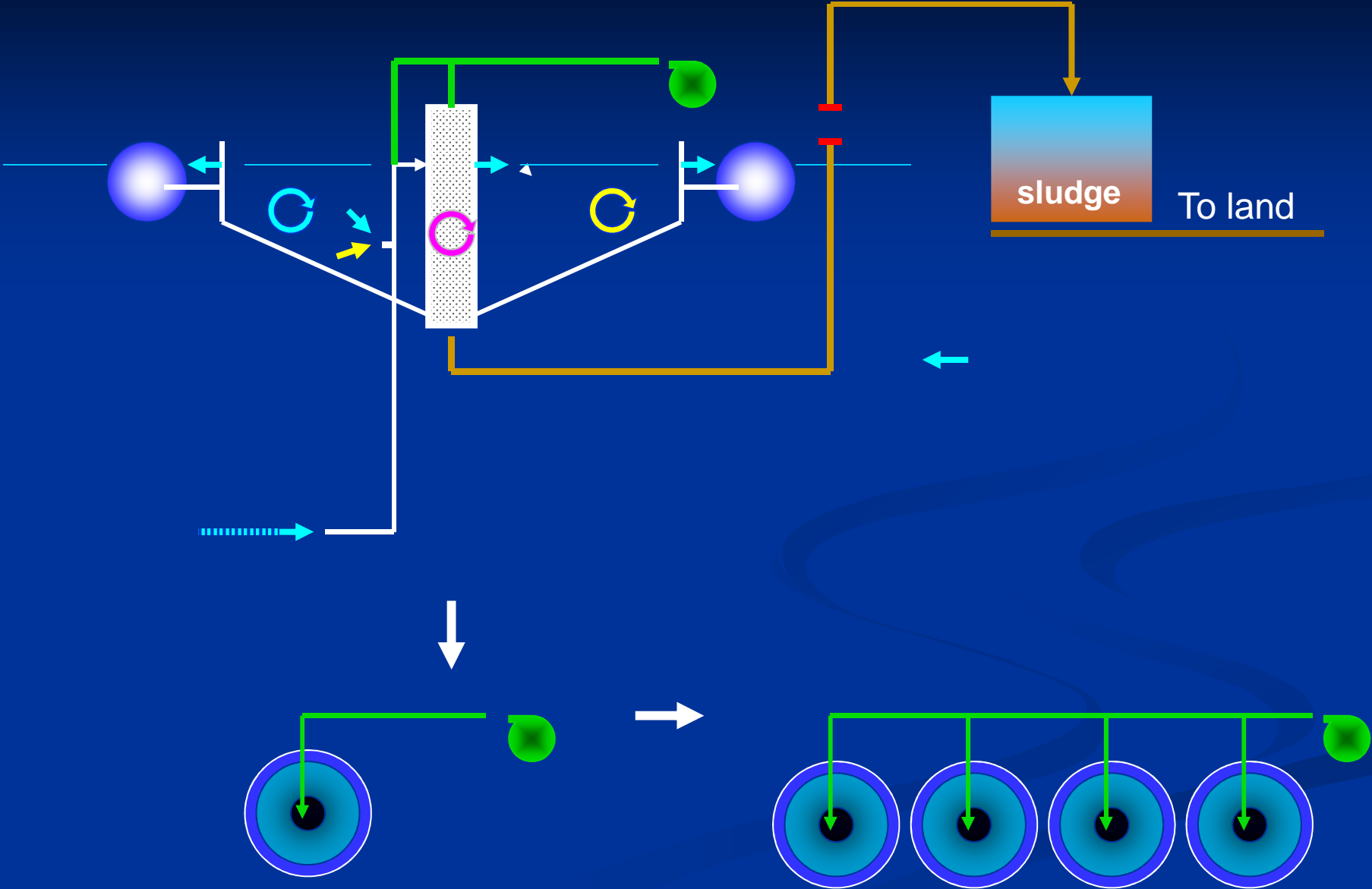
Phosphate (HPO_4^{2-} , PO_4^{3-}) reduction > 85%





Flocazur Recirculating Aquaculture Systems (RAS)

Flocazur in water - Closed solution



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Patented technology

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