

The background is a composite image. The left side shows a vibrant, healthy coral reef with various colorful corals and small fish swimming in clear blue water. A diagonal line, composed of a white outer border and a green inner border, runs from the top center towards the bottom right, separating the healthy reef from the right side. The right side shows a starkly different scene: a large, rusted metal pipe is partially buried in a sandy seabed. The water is murky and brown, and the coral appears bleached and dead. The overall composition highlights the impact of pollution on marine ecosystems.

renosys

**We take the *waste*
out of ~~wastewater~~**

Advanced Fine Particle Filtration

in a world where

80%

of wastewater
is dumped
largely untreated
into our rivers, lakes,
and oceans!

OPPORTUNITY | Time to Act is Now

Treatment of municipal wastewater accounts for roughly 3% of all GHG emissions

Industry & Sector Agnostic Applications

Our solutions can be applied within a wide range of industry verticals. Core focus today on municipal wastewater treatment plants and land-based aquaculture facilities.



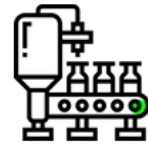
Wastewater Treatment Plants



Land Based Aquaculture



Fashion & Textile



Consumer Goods



Transportation & Shipping



Agriculture & Livestock

Municipal Wastewater Challenges

Wastewater treatment plants face significant pressure to upgrade their facilities due to population growth, industrial expansion and tightening of legislation.



Environmental Compliance



Time to Action



Total Cost & Financing



Footprint & Land



Energy Consumption



Sludge Disposal

MISSION ZERO

The only absolute metric of performance is the singular and ambitious ZERO!

ZERO
Discharge

Above and beyond regulatory compliance eliminating wastewater discharge altogether

ZERO
Waste

Harvest and valorize 100% of the renewable carbon resources into energy, fertilizers, and top-soil regenerators

ZERO
Energy

Decarbonize the wastewater sector into net zero energy consumers, potentially even net renewable energy producers

TECHNOLOGY | Carbon Harvesting & Resource Recovery

State-of-the-Art Fine Particle Filtration

renasys™ Filtration System

Quantum leap within mechanical filtration



Flow Capacity from 2 to +200 l/s/unit
for modular and scalable implementation



Filtration Levels btw 40µm to 5µm
enabling serial filtration and application ranges



Highly Effective Filter Purging
ensuring optimal performance



Advanced Differential Pressure Controls
optimizing flow and filtration performance



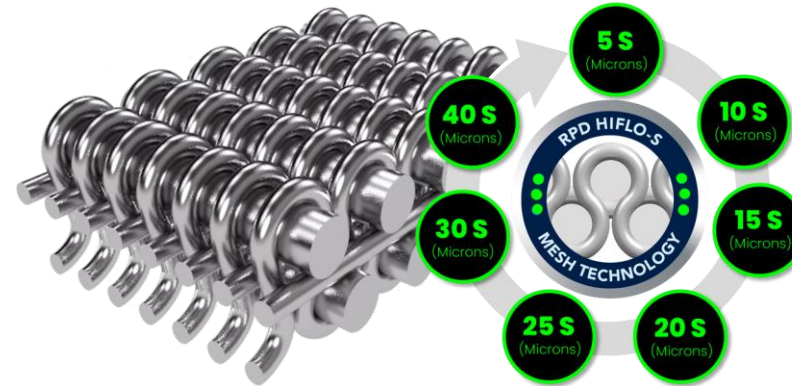
Autonomous Operations
critical to real-time fluctuations in water quality



Energy Effective with Low Maintenance
reducing carbon footprint and operational downtime

renasys™ MINIMESH® RPD HIFLO

3D high-performance metal filter cloth



3D Construction
for optimal performance



Exponential Flow Capacity
at the same pore size



Highest Precision Cut Point
even after processing



Optimum Dirt Holding & Purging Properties
with different pore sizes in one lot



Corrosion & Heat Resistant Metal Filter Cloth
even with pore sizes below 40 microns



Longer Filter Service Life
providing greater production reliability

renasys™ Autonomous Operations

Reliable, secure and effective operations



On-Site & Centralized Command
monitoring to ensure safety and efficiency



24/7 Reliability
with real-time informed decisions on critical issues



Situational Awareness
reducing risk of costly disruptions to operations



Security
ensuring complete data protection



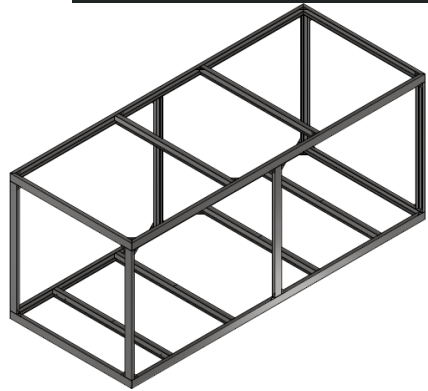
Streamlined Reporting
facilitating regulatory, ESG and CSR requirements



Macro & Micro Big Data Analytics
expanding wastewater intelligence

PLUG-&-PLAY | Modularity & Scalability *per* Customer Setup

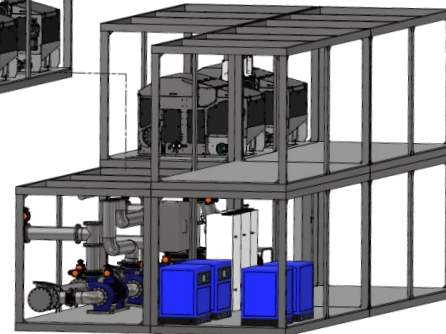
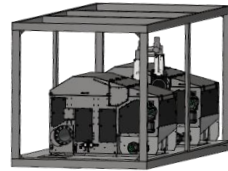
Regardless of industry, scale, or wastewater composition we can solution that works



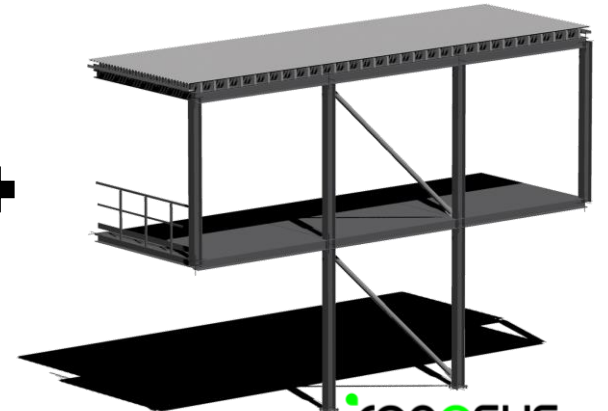
+



=



+



renasys



Wave goodbye to waste, Surf clean water

Christopher Sveen

Co-Founder & CEO

csv@renasys.com

renasys.com