



Non-sewered Sanitation

[www.noahws.be](http://www.noahws.be)



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**October 2025**

# The R'dam experience



# FUNDING BREAKTHROUGH

## next generation non-sewered sanitation call

Global call by IWA

Funded by the Gates foundation

200 entries out of 40 countries

Noah Selected and funded to  
Productize prototype NSS600

Commercial readiness end 2026

Collaborating with

- Stanford spin-off
- Hydrohm





## Modularity & standards : the cartridge

- ✓ Cartridge : cost reducer & service enabler (easy swap)
- ✓ Cartridge : recurring revenue potential for sacrificial electrode
- ✓ Cartridge : IP value capture in partner deals



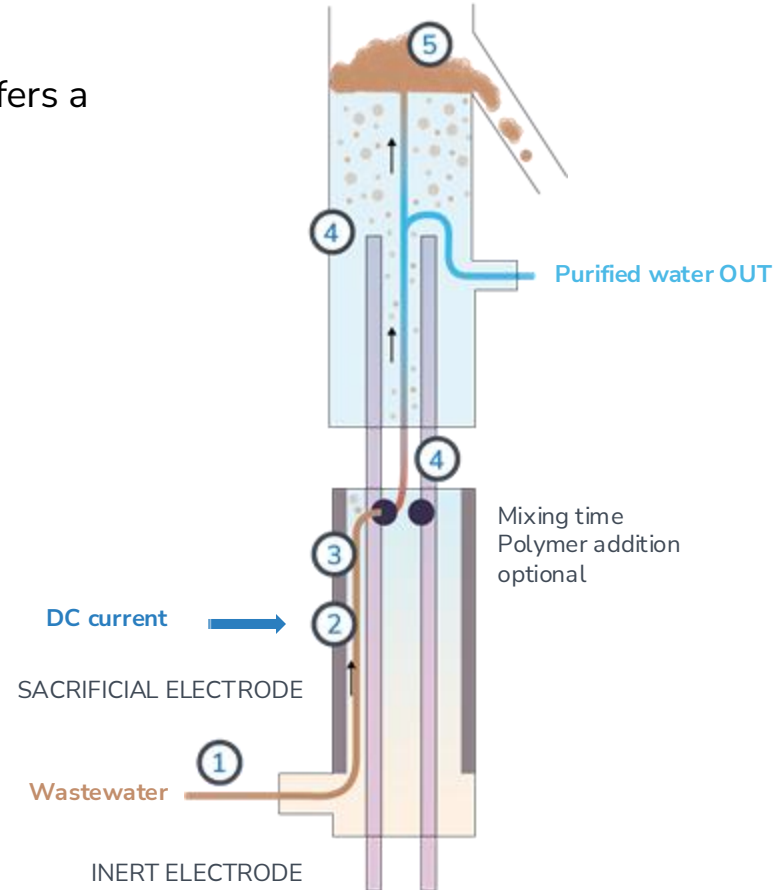
## PATENTED TECHNOLOGY

NOAH's proprietary **electrochemical cell technology** offers a unique solution for efficient water treatment without clogging, holding a distinct advantage over conventional membrane-based and plate reactor systems.

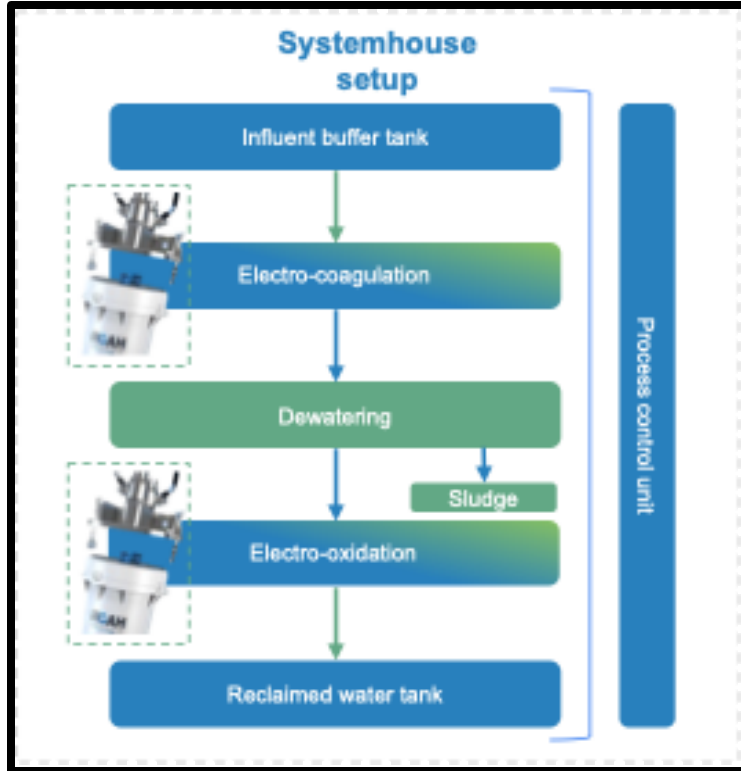
- ✓ Tube-in-tube reactor with special alloys
- ✓ Non-clogging
- ✓ Miniaturization potential
- ✓ Higher control of the chemistry and flow

### Patents:

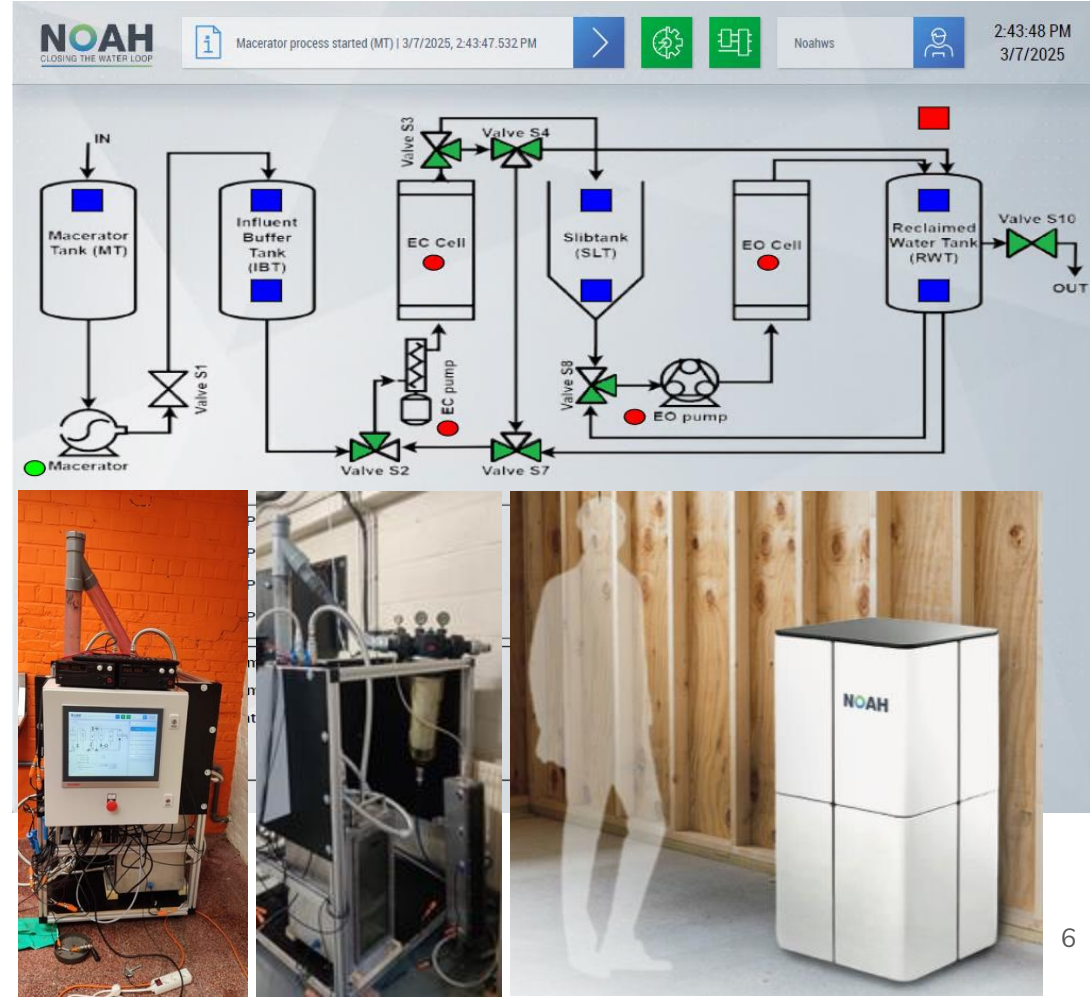
- Method and apparatus for cleaning electrode cells used for removing contaminants for wastewater through electrocoagulation. (WO2020044265) (Granted)
- Method for the treatment of black water. (WO2022269487) (Pending)



# Modularity & standards :



NOAH - Confidential information



# PARTNERSHIPS LEAD US TO MARKET ACCESS + adapted designs

NOAH's pioneering technology can bring innovation to partners that have access to specific applications or market segments. Some examples already ongoing :



## GLOVARAIL & NOAH

NOAH Water Solutions and Glova Rail A/S, focus on the development of the water treatment system suitable for applications in railway carriages

Both parties have reached a consensus to embark on the manufacturing of three prototype water treatment systems

Global train toilet market is **0,5 billion** USD with extra market opportunities for easy retrofit systems



## F&L/TWT & NOAH

Wastewater treatment at source for temporary facilities has economic benefits from **the reduction of frequent logistic costs and their CO2 impact**

The rental organisation F&L has ordered a prototype installation which we will jointly further develop.

Worldwide, rental market of portable toilets is estimated **at 21 billion**, showing market potential



## FLOATING HOUSE & NOAH

NOAH Water Solutions has developed and installed a sanitation unit in a floating house in Rotterdam. The objective is to be able to **reuse and discharge the treated water in off-grid real estate**

Many opportunities exist to provide non-sewered household waste water solutions.

**45% of houses** worldwide are not connected to adequate sewerage systems, causing environmental and social problems



## GROTE BEER & NOAH

In cooperation with the Waddenfonds, NOAH has landed a project to engineer an installation that can handle the sanitation of the sailing ship Grote Beer

This prototype is currently being made and is built to **facilitate reuse** of the treated water on the ship itself as well as the possibility to **discharge it** in the ocean

Worldwide, there are **10.000-15.000 sailing boats and yachts** that need to handle their wastewater



# What are we looking for ?

## Commercial partners

- Companies with sales, distribution & servicing capabilities in domestic (off-grid) sewage systems
- Companies looking for co-development to innovate their toilet/sanitation/rental...offer in their markets

## Investors

- Expecting to raise funds in H2 2026 for growth

ISO 30500 achievable



NOAH - Confidential information





The beaver can live with it...





# NOAH

Closing the water loop

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