



CERAFLOW - RECOVERING WATER AND VALUE FROM INDUSTRIAL WASTE STREAMS

THE PROBLEM

Europe's membrane filtration market is valued at approximately USD 4.8B in 2026. Polymeric membranes are widely used, but can degrade in solvent-rich and chemically aggressive industrial streams, creating demand for more durable fine-separation technologies.

OUR SOLUTION

CERAFLOW delivers fine separation with ceramic durability. It is designed for harsh liquids where polymer membranes often fail, enabling more reliable treatment, longer membrane life, water reuse and recovery of valuable materials.

PATENT STATUS

Our core membrane technology is protected by a filed patent, supporting future industrial commercialization and partnerships.

FINANCIAL OVERVIEW

CERAFLOW follows a pilot-to-scale model: paid trials validate performance and value, followed by customized membrane solutions, retrofit upgrades and partner-led deployment.

MILESTONES

2024 – Technology applied in three funded projects totaling DKK 24.4M: SusBrane, ANCHOR and PLASUP.

2025 – Achieved ~4 nm pore size through ceramic membrane upgrading.

2026–2027 – Validate pharma/API applications and launch the first industrial pilot.

TARGET MARKET & CUSTOMERS

Initial markets: pharma/API and food manufacturing. Customers include manufacturers and membrane system suppliers seeking ceramic alternatives for existing purification, recovery and water-reuse processes, with future potential in catalyst recovery.

THE PROFILE WE ARE LOOKING FOR

Preferred qualifications

- Business development experience in biotech, pharma or industrial water treatment.
- Strong industry network with experience in B2B sales and partnerships.

Personal fit

- Entrepreneurial, proactive and commercially minded.
- Strong communicator and relationship builder

TASKS & RESPONSIBILITIES (FIRST 3 MONTHS)

- Build a pipeline of potential customers and industry partners.
- Define and launch the first commercial pilot for biotech/pharma wastewater

ACADEMIC & ENTREPRENEURIAL BACKGROUND OF CURRENT CO-FOUNDERS

- Tao Jiang – Project lead, focusing on ceramic membrane technology and wastewater treatment
- Supported by Prof. Wenjing (Angela) Zhang and her research group at DTU

PHYSICAL ADDRESS

Currently working from DTU Sustain, Kongens Lyngby.



ABOUT OPEN ENTREPRENEURSHIP

Open Entrepreneurship (OE) is a collaboration between all Danish universities aiming to create more research-based startups.

REGISTER YOUR INTEREST

Deadline is November 8th, 2026

www.open-entrepreneurship.com/cofounder/