

Water-landing drones for autonomous inspection and environmental monitoring in hard-to-reach areas

KYRA Robotics ApS

THE PROBLEM

Conventional drones cannot operate directly from water, limiting inspection and monitoring in marine, coastal and inland-water environments.

OUR SOLUTION

KYRA develops autonomous drones that can land on, take off from and operate at the water surface.

PATENT STATUS

Exclusive DTU licence to patent pending water-landing drone technology.

FINANCIAL OVERVIEW

KYRA plans to generate revenue through robotic inspection and monitoring solutions, initially targeting B2B applications where water access creates a clear operational advantage. The business model may combine platform sales, integration and recurring inspection/data services, depending on the target market and customer needs

MILESTONES

- KYRA Robotics ApS incorporated in January 2026
- exclusive DTU licence secured for the water-landing drone technology.
- Received 300k DKK from Vissing Fond, 50k DKK from Danske Maritime Fond (Skylab Fund), and a €30k convertible note.
- Water-landing drone prototypes under development and testing started.
- Next: validate key customer use cases, run pilots and prepare for scale-up.

TARGET MARKET & CUSTOMERS

Infrastructure operators, environmental service providers, utilities, engineering companies and public authorities.

THE PROFILE WE ARE LOOKING FOR

Preferred qualifications

- Business development and customer discovery
- B2B deep-tech/startup experience
- Fundraising and partnership development
- Robotics, drones, maritime or environmental-sector experience is a plus

Personal fit

- Hands-on, entrepreneurial and willing to take ownership of KYRA's commercial development.

TASKS & RESPONSIBILITIES (FIRST 3 MONTHS)

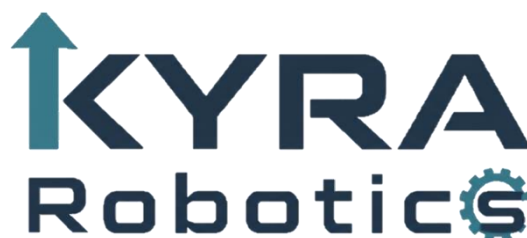
- Prioritise the first commercial market
- Validate customer needs and willingness to pay
- Refine business model and go-to-market
- Develop pilot customers and partnerships
- Support fundraising and company strategy

ACADEMIC & ENTREPRENEURIAL BACKGROUND OF CURRENT CO-FOUNDERS

Matteo Fumagalli, Founder & CEO - Associate Professor at DTU specialising in aerial robotics, autonomous systems and mechatronics, with extensive experience in European robotics projects and technology development. Second time founder.

PHYSICAL ADDRESS

DTU, Kongens Lyngby, Denmark. Open to hybrid collaboration.



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/