



# TUBERS

# ROBOTICS

## AT THE SERVICE OF WATER

### The TUBERS Mission

- Enable water and utilities companies and municipalities to manage drinking water pipe distribution networks remotely
- Conduct internal monitoring to assess asset integrity and associated risks
- Perform internal repairs of micro-leaks without interrupting the water supply
- Assist in decision-making and planning of preventive maintenance activities for pipe networks



Scalable and Modular robotic tools for pipeline inspection and repair

### Why TUBERS?

TUBERS is a robotic solution that...

- is suitable for underground and aerial pipe networks of various materials and diameters.
- doesn't need upfront investment from water/utility companies or municipalities for deployment.
- can be operated remotely, gathering/processing data for asset integrity diagnostics and repairs.

### The TUBERS Impact

- Address Non-Revenue Water (NRW) and leakage challenges
- Help maintenance teams reduce costs and unplanned interventions
- Prevent service breakdowns due to ageing pipe networks and lack of inspection data
- Reduce energy waste and resulting CO2/GHG emissions
- Conserve natural resources

### Technologies



Resident Snake-like Robot



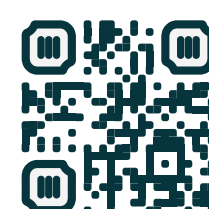
Decision Support System (DSS)



Soft-robotic modular Robot



Base Station



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