

# Secure Societies 2024: Horizon Europe Cluster 3 Brokerage Event in Istanbul Pitch Presentation

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REPUBLIC OF TÜRKİYE  
MINISTRY OF INDUSTRY  
AND TECHNOLOGY



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## ***Autonomous Underwater Patrolling: An Autonomous Knowledge Acquisition System for Underwater Monitoring Using Multi Agents in a Cooperation Setting***

### Contact Details

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Proposal activity: <CL3-BM-01-01>

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# Description of the Organization

- *We are the **University of Twente**, a prestigious academic institution located in the Netherlands. Our university is known for our world-class research, innovative approach to education, and strong emphasis on entrepreneurship.*
- *Autonomous Underwater Vehicles, Marine Robotics*

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# Proposal idea/content

- *Role in the project: coordinator*

## Autonomous Underwater Patrolling: An Autonomous Knowledge Acquisition System for Underwater Monitoring Using Multi Agents in a Cooperation Setting

- Objectives:
  - to provide mobile and autonomous solutions for on-demand underwater monitoring
  - to provide modular, adaptable, and flexible solutions for addressing objectives of underwater monitoring missions
- Expected results
  - Increased capability for patrolling unstructured, remote areas
  - Fast and efficient deployment of resources for patrolling areas of interest
  - Improved data modality and improved latency in data availability and communication
  - Extended coverage for monitoring areas

# Project participants

## Existing Consortium - profile of known partners (if any)

No	Partner Name	Type	Country	Role in the Project
01	University of Twente		Netherlands	Coordinator
02	Tree Tech		Spain	WP Leader
03	ZEUS		Greece	WP Leader
04	TUBITAK		Turkey	WP Leader
05	ForceApp		Netherlands	WP Leader
06	iXBlue		France	Partner

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# Project participants

## Consortium – required partners

No	Expertise	Type	Country	Role in the project
01	Border/Coast guards			
02	Custom Authority			
03	Business and Strategies			
04	Underwater Swarm			