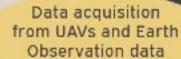
Standardisation, strategy and policy



IO1. Innovative technologies to support and ensure the safety of water networks

- Sensor optimisation for substance detection in water
- Data collection from multiple sensors and sources

Social media monitoring (and crowdsourcing)

- 'IO2. Multi-level semantic enrichment, reasoning and fusion methodologies for intelligent event detection
- · Indexing of heterogeneous data
- Semantic representation and reasoning
- Algorithms for threat detection

IO3. Early Warning & Decision Support Systems

- 3D-visualisation and Visual analytics
- Water crisis assessment and classification for Decision Support

IO4. Social interaction with the citizens

- · Analysis of social awareness
- Warning generation to the public
- Deployment of first responder's solutions and mitigation actions



Water Safety

> Reporting Visualisation Decision

> > Water Security

IO5: aqua3S Platform Development

