

# ACQUEAU

The Eureka Cluster for water



# Strategic vision, *Based on the SRA of WssTP*

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- **Key drivers**

- Water: a necessary and vital resource
- Demographic growth and urbanisation
- Globalisation and wealth growth
- Spatial and seasonal constraints (coastal urbanisation, tourism)
- Climate Change

- **Major challenges**

- Coping with increasing water stress
- Reducing impact of extreme events
- Managing aging or lacking infrastructure
- Facilitating technology transfer
- Enabling framework



# Technology Road Mapping: Water Technology Needs

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1. Water resources and alternative sources
2. Water treatment
3. Water distribution
4. Customer
5. Agriculture
6. Industry
7. Wastewater treatment
8. Biosolids and other sludges
9. Urban drainage and wastewater collection



# 5 major programmes for the orientation of calls

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- To promote a better environment and health  
⇒ **Membrane technologies**
- To protect water resources & to boost competitiveness  
⇒ **Real time system management**
- To preserve the planet and to increase energy efficiency  
⇒ **Low energy wastewater treatment**
- To design the future of water technologies  
⇒ **Materials for pipes and coating**
- To develop new processes with better environmental footprint  
⇒ **Low environmental impacts for disinfection and oxidation**



# Who supports ACQUEAU?

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- Agbar (ES)
- DHI (DK)
- Gelsenwasser (D)
- GAW (AT)
- Huber (D)
- Krüger (DK)
- Saint Gobain (UK)
- SUEZ Environnement (F)
- TZW (DE)
- UKWIR (UK)
- United Utilities (UK)
- Veolia Environnement (F)

**Targeted partners:** *Andritz (AT), ABS (Se), Danfoss (DK), Siemens Turbo (DK), Nopon (Fi), Ozonia (S)*



# Support of National Governments

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- **Official supporters:**

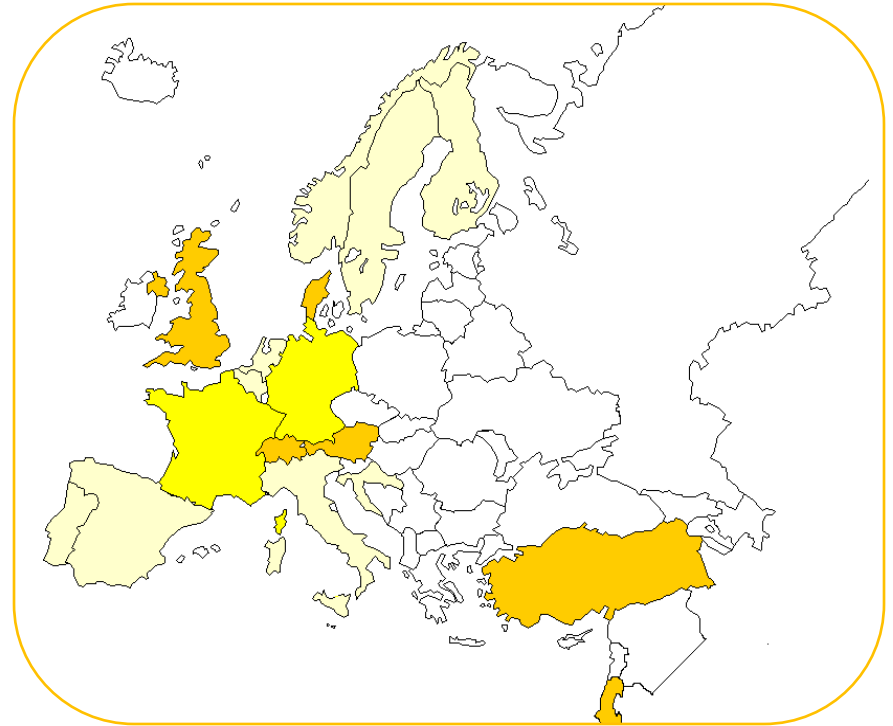
UK (leader); Austria; Denmark; Israel;  
Portugal; Switzerland; Turkey

- **To join:**

France; Germany

- **Discussion with:**

Croatia; Finland; Italy; Norway; Spain;  
Sweden; Belgium; The Netherlands



# Organisation of Acqueau

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1. Non profit association based in Brussels, Belgium
2. Two level Board with a core group of active members from water industries (15-20 funding members)
3. A scientific and technical committee
4. Independent experts on request

Further information: [www.acqueau.eu](http://www.acqueau.eu)

