

# WATER, HEALTH AND COMPETITIVENESS – AGENDA (DRAFT FINAL)

## OVERVIEW

### ORGANISED BY

- The Turkish Water Institute SUEN
- The World Water Council WWC
- The European Commission's Joint Research Centre

### LOCATION AND TIME

- When: 20 September 2025, 10:00-13:45 (Osaka Time)
- Where:
  - EXPO Osaka
    - Place of Venue: COMMONS-E, Seminar Space
    - Lunch: Turkish Pavillon -C11 (Lunch (14:00-15:00))

### SCOPE

In today's interconnected world, the One Water approach sees all water—whether in cities, industries, or farms—as part of one integrated cycle. Water is used in homes and factories, treated, then reused for irrigation, aquifer recharge, or industry before returning to rivers, lakes, and groundwater. Along this journey, it carries nutrients, energy, contaminants, and pathogens, linking human, animal, and environmental health—making water management a true One Health challenge. Managing this complexity is no longer just about sustainability—it is also about keeping economies competitive, ensuring food security, and supporting healthy communities.

The “**One Water, One Health**” initiative of the World Water Council advances this vision by embracing a holistic view of health and sustainability, recognizing that human, animal, and environmental health are inseparable. It connects water, environment, food, and energy systems (WEFE-H nexus) under one approach, using wastewater and environmental surveillance as tools for early warning, pandemic preparedness, and international cooperation—turning data into a basis for dialogue, trust, and shared action. It promotes circular use of treated water and sludge in agriculture, improving food security and resilience to water scarcity with farmer-focused strategies. It reimagines treatment plants as **ecofactories**—modern hubs that recover energy, recycle water, and turn waste into valuable resources—while expanding decentralized, locally adapted water and sanitation solutions for urban, rural, and emergency contexts. Together, these actions build more sustainable, healthier, and economically competitive societies, strengthening local resilience and global solidarity.

Türkiye, through the Turkish Water Institute (SUEN) under the Ministry of Agriculture and Forestry, has pioneered this vision. Over the past six years, it has developed one of the most comprehensive wastewater and environmental surveillance systems for SARS-CoV-2, now expanding to antimicrobial resistance, food safety, animal health, and broader One Health challenges. As Task Leader for Water Quality and Health, SUEN plays a central role in this global effort and has been an active member of the European Commission's GLOWACON initiative since its start, with strong support from the World Water Council. These achievements show how data-driven water management can protect people, animals, and ecosystems while boosting resilience, cooperation, and economic competitiveness.

This session aims to advance the 'One Water, One Health' framework by fostering cross-sector collaboration, showcasing transformative innovations in sanitation and wastewater reuse, and positioning integrated water management as a cornerstone for sustainability, public health, and economic competitiveness.

The session will build a shared understanding of the One Water, One Health framework as a driver of health, sustainability, and economic growth, inspire action through innovations like ecofactories, circular water use, and advanced surveillance, and secure concrete commitments such as pilot projects and integration of One Health strategies. It will strengthen partnerships across governments, NGOs, industry, and researchers, catalyzing global efforts to develop resilient water systems that protect health, ensure food security, and promote sustainable growth.

## AGENDA: WATER, HEALTH, AND COMPETITIVENESS – ONE WATER, ONE HEALTH IN ACTION

### Opening Session (10:00 – 11:00)

- **Opening Announcements & Session Framing** (10 min)  
*Moderated by*  
**Bilge Alpaslan-Kocamemi** (SUEN) and **Bernd Manfred Gawlik** (European Commission's JRC)
- **SPEAKERS**
  - **Loïc FAUCHON**, President  
**World Water Council** (10 min)
  - **Laurent MUSCHEL**, Director,  
**European Commission, Health Emergency Preparedness and Response Authority's - DG HERA** (10 min)
  - **Kazuhiro UCHINO**, CEO  
**VEOLIA Japan Ltd.** (10 min)
  - **HE Ebubekir GIZLIGIDER**, Deputy Minister of Agriculture and Forestry  
**Republic of Türkiye** (10 min)
- **Buffer & Transitions** (10 min)

### BREAK (11:00 – 11:30)

*including a LIVE Art Performance of Japanese Calligraphy by Tominga HARUTO*

### PANEL SESSION 1 ONEWATER - ONEHEALTH - INITIATIVE PANEL (11:30 – 12:30)

- **Moderator Opening & Session Framing** (5 min)  
*Moderated by Bernd Manfred Gawlik* (European Commission's JRC)
- **Panelists and Perspectives**  
(Format: 10 min: 5 min presentation plus 2 questions)
  - **Water and Agriculture**  
**Ahmet SAATCI**, World Water Council (WWC)
  - **Water, Health and Islands**  
**HE Pedro RAMOS**, Minister of Health, Autonomous Region of Madeira, Portugal
  - **Water and Citizens**  
**Marie-Therese LAGUERRE-NDIAYE**, Partnerships Director, VEOLIA Foundation, France
  - **Water and Security**  
**Jean RICHARDS**, Director for Biosecurity, SICPA S.A., Switzerland
  - **Water Supply and Sanitation**  
**Mayo ITO**, VEOLIA Japan Ltd., Japan
- **Buffer & Transitions** ( 5 min)

PANEL SESSION 2: FROM CIRCULAR ECONOMY THINKING TO ECOFACTORY BUILDING  
(12:30 – 13:30)

- **Moderator Opening & Session Framing** (5 min)  
*Moderated by Bilge Alpaslan-Kocamemi (SUEN)*
- **Panelists and Perspectives**  
(Format: 10 min: 5 min presentation plus 2 questions)
  - **EcoFactories**  
*Ismahane REMONNAY*, Vice-President of Foresights & Alliance, VEOLIA, France
  - **Science behind the European Water Resilience Strategy**  
*Jann MARTINSOHN*, Head-of-Unit, European Commission's Joint Research Centre, Italy
  - **The value of water**  
*NN*, World Economic Forum
  - **The circularity of risks and hazards**  
*Naomi SAKON*, Senior Researcher, Osaka Prefecture Public Health Institute
  - **Data from Water**  
*Robert MORFINO*, Business Development Lead, VERILY
- **Buffer & Transitions** ( 5 min)

CLOSING REMARKS & ANNOUNCEMENTS (13:30 – 13:45)

- **Summary** (5 min)  
*by Bilge Alpaslan-Kocamemi (SUEN) and Bernd Manfred Gawlik (European Commission's JRC)*
- **Closing Remarks**  
*Lütfi AKCA*, President of Turkish Water Institute (SUEN)  
(5 min)
- **Buffer** (5 min)

LUNCH (14:00 – 15:00)

- at Turkish Pavilion - C11