



# XVIII Congress of Water and Sewage Management

October 15-16, 2024 • Wrocław



budujemy możliwości  
porozumienia

## FRAMEWORK PROGRAMME

### DAY ZERO | October 14, 2024 (Monday)

13.30 – 15.00 | TECHNICAL TOURS to HG plants

18:00 – 20:00 | Dinner

### DAY ONE | October 15, 2024 (Tuesday)

from 8:30 | Registration of participants, arrangement of stands by exhibitors

8:30 – 10:00 | Stand arrangement

#### 9:45 – 10:15 | OPENING OF THE CONFERENCE

10:15 – 11:15 | **INTRODUCTORY PANEL: KEEP THE ORDER... GREEN ORDER IS NOT ENOUGH, TIME FOR A BLUE REVOLUTION**

- ESG strategy - sustainability in company strategy
- European Blue Deal - opportunities and challenges for the industry. Investment in infrastructure and modern technology
- Efficient use of water resources - periodic water deficits, closed loop economy
- Water and wastewater management - co-funding programmes
- Legislation - current and future

11:15 – 11:45 | Break

11:45 – 13:00 | **PANEL I INDUSTRY  
WHERE TO GET WATER FROM? THE  
FUTURE FOR WATER AND WASTEWATER  
MANAGEMENT**

- Energy transition in the context of water and wastewater management
- Ways to recover industrial water and heat from wastewater
- Rational use of resources - Closed loop economy
- New solutions for wastewater treatment plants of the future - process automation, investments

**PANEL I FOOD AND  
PHARMACEUTICAL INDUSTRY  
EFFICIENT WATER MANAGEMENT IN  
PRODUCTION**

- Closed-loop water management in the food and pharmaceutical industry
- Treatment and purification of reclaimed water for production processes
- Grey water usage
- Solutions and equipment for minimising water consumption - optimisation and modernisation

13:00 – 14:00 | Lunch

14:00 – 15:15 | **PANEL II INDUSTRY  
EVERY DROP COUNTS... EFFICIENT WATER  
USE IN THE INDUSTRY**

- Water preparation processes for the industry. Treatment, demineralisation, salinity reduction
- Green, blue and grey water footprint - how to reduce? Responsibilities for the company
- Measuring systems and tools in the water and wastewater management of industrial plants

**PANEL II FOOD AND  
PHARMACEUTICAL INDUSTRY  
THE WASTEWATER TREATMENT  
PLANT OF THE FUTURE. NEW  
TECHNOLOGIES AND INNOVATIONS IN  
WASTEWATER TREATMENT**

- Containerised treatment plants, stationary treatment plants and more...
- Expansion and modernisation of wastewater treatment plants
- Use of modern measuring systems
- New technologies in water recycling and reuse
- Advanced water purification facilities
- Odour elimination

15:15 – 15:45 | Break

**15:45 - 17:15** | **PANEL III INDUSTRY WASTEWATER VS. WASTE ... PROPER WASTEWATER MANAGEMENT IN THE INDUSTRY**

- Compliance with the EU Wastewater Directive
- Environmental reporting systems
- Construction of industrial wastewater treatment plants - modern methods, best practice, pollution and elimination
- Sludge and the use of treated wastewater
- Metrological control of water and wastewater collection facilities

**PANEL III FOOD AND PHARMACEUTICAL INDUSTRY WHAT PAYS OFF? ENERGY-RELATED ASPECTS OF WASTEWATER TREATMENT**

- Sources of funding; EU grants; government support; white certificates
- Costs and benefits of investment in water and wastewater management. Economic analysis from a business perspective
- Reducing wastewater treatment costs
- Methods for minimising water consumption in production

17:15 – 17:45 | Break

**17:45 – 18:45** | **WORKSHOPS / BMP ACADEMY**

**20:00 – 24:00** | **DINNER, INTEGRATION MEETING**

## **DZIEŃ DRUGI | October 16, 2024 (Wednesday)**

8:00 – 9:00 | Breakfast at place of accommodation

**9:00 – 10:00** | **PANEL IV INDUSTRY MEETING EXPECTATIONS... FINDING YOUR PLACE AT THE HEART OF GREEN TRANSITIONS**

- Biodiversity strategy 2030
- Fit for 55 - a challenge for water and wastewater management?
- Assessment and analysis of water management in the industrial plants
- Water retention in the industry
- Investment in the area of water and wastewater management to increase the safety and efficiency of production processes
- Revitalising the Oder and other rivers

**PANEL IV FOOD AND PHARMACEUTICAL INDUSTRY INTEGRATION OF WATER AND WASTEWATER MANAGEMENT WITH SUSTAINABLE DEVELOPMENT**

- How wastewater treatment plants affect CO2 emissions; innovative technologies and reducing the carbon footprint
- Reducing the water footprint
- Tools and methods for water microflora analysis; microbiological analysis
- Water treatment and disinfectants

10:00 – 10:45 | Break

**10:45 – 12:15** | **DEBATE RISK ANALYSIS FOR INDUSTRIAL WATER AND WASTEWATER MANAGEMENT - RISKS AND OPPORTUNITIES**

- Is there anything to be afraid of? Water and wastewater management and the challenges for the industry
- There is a Green Deal, there will be a blue revolution - challenges and opportunities
- The EU Biodiversity Strategy 2030 and the industry's approach
- ESG and water and wastewater management
- Rational use of water resources - a closed loop economy
- Revitalising rivers
- Wastewater management
- Rainwater - good practice

Od 12:00 | Check-out, dismantling of stands

12:00 – 13:00 | Lunch