

# February 16, 2017

## FORUM AREA HALL 11

10:30-11:00 Opening Ceremony

13:00-15:00 Opening Panel:  
**Implementation of the Sustainable Development Goals (SDG) in Local Environmental Strategies**

in cooperation with German Association for Water, Wastewater and Waste (DWA) and the European Water Association (EWA)

**Moderation:**

**Johannes Lohaus**, Secretary General, European Water Association EWA, Hennef, Germany

**Greetings:**

**Osman Bayazit Genç**, General Manager, MMI Eurasia Fuarçılık Ltd. Şti., İstanbul, Türkiye  
**Collin Davis**, Executive Director of Capital Goods Shows, Messe München GmbH, Munich, Germany

**Introduction:**

**Water as a key factor to achieve the Sustainable Development Goals (SDG)**  
**Rüdiger Heidebrecht**, Head of Department Training and International Cooperation, German Association for Water, Wastewater and Waste DWA, Hennef, Germany

**Keynote I:**

**Sustainable Water Management activities – Malatya City example**  
**Dr. Özgür Özdemir**, General Director, Malatya Water Administration MASKI, Malatya, Türkiye

**Keynote II:**

**Sustainability in developing countries and effect of globalization on sustainability**  
**Prof. Dr. Günay Kocasoy**, Head of ISWA Turkey - Turkish National Committee on Solid Waste (KAKAD), Boğaziçi University, İstanbul, Türkiye

**Panel Discussion with Participants:**

**Fatih Turan**, General Director, İstanbul Water and Sewage Administration ISKI Turkey, İstanbul, Türkiye  
**Hans-Joachim Werner**, Member of the Board, Head of Turkey Section, German Water Partnership, Berlin, Germany  
**Ferit Yüksel**, Acting Deputy General Director, iLBank, İstanbul, Türkiye  
**Dr. Özgür Özdemir**, General Director, Malatya Water Administration MASKI, Malatya, Türkiye  
**Prof. Dr. Günay Kocasoy**, Head of ISWA Turkey - Turkish National Committee on Solid Waste (KAKAD), Boğaziçi University, İstanbul, Türkiye  
**Rüdiger Heidebrecht**, Head of Department Training and International Cooperation, German Association for Water, Wastewater and Waste DWA, Hennef, Germany

15:00-15:30 **Water framework directive, River basin management planning and surface water quality monitoring studies of General Directorate of State Hydraulic Works**

**Zeynep Kübra Dönmez**, MSc Chemical Engineering, General Directorate of State Hydraulic Works (DSI), Ankara, Türkiye

15:30-16:00 **Case Study:**  
**Turboden ORC technology for Waste-to-Energy applications**

ORC applications in the power generation from waste incinerators, gassifiers, landfill gas and sludge treatment plants

**Filippo Vescovo**, Turboden Sales Engineer Türkiye, Turboden S.r.l., İstanbul, Türkiye

16:00-16:30 **Case Study:**  
**BWV & Key factors to develop a bankable WtE project**

**Kerim Ramazanoglu**, Business Developing Manager, Babcock & Wilcox Vølund A/S, İstanbul, Türkiye

16:30-17:00 **Case Study:**  
**Waste-to-Energy – Proven solution for solid waste management**

**Christophe Cord'Homme**, Development Director for the Environment and Renewable Energies sector, CNIM Group – Constructions Industrielles de la Méditerranée, Paris, France

## CONFERENCE ROOM EFES

13:00- 13:30 **Case Study:**  
**Think global – act local**

Possibilities of an international technology company to realize large projects with global and local resources

**Enver Ünal**, Sales Representative, Hitachi Zosen Inova, Zürich, Switzerland

14:00-16:30 **Waste Management**

in cooperation with Republic of Turkey Ministry of Environment & Urbanisation

**Moderation:**

**Ahmet Varir**, Head of Waste Management Department, General Directorate of Environmental Management, Waste Management Department, Republic of Turkey Ministry of Environment and Urbanisation, Ankara, Türkiye

14:00-14:30

**Zero Waste Approach in Industry**

**Sadiye Bilgiç Karabulut**, Chemical Engineer, General Directorate of Environmental Management, Waste Management Department, Industrial Waste Management Branch, Republic of Turkey Ministry of Environment and Urbanisation, Ankara, Türkiye

14:30-15:00

**Packaging Waste Management within Circular Economy**

**Aylin Çiçek**, Branch Manager of Packaging Waste Management, General Directorate of Environmental Management, Waste Management Department, Republic of Turkey Ministry of Environment and Urbanisation, Ankara, Türkiye

15:00-15:20

**Coffee break**

15:20-15:50

**Fermented Product Management with Mechanical Separation, Biodrying and Biomethanization Facilities**

**Demet Erdoğan**, Environment and Urbanisation Expert, General Directorate of Environmental Management, Waste Management Department, Municipal Waste Management Branch, Republic of Turkey Ministry of Environment and Urbanisation, Ankara, Türkiye

15:50-16:30

**Panel Discussion**

**Visitors ask, Experts answer**

## CONFERENCE ROOM PAMUKKALE

### 15:30-16:30 ISKI practices in Water & Waste Water Management

in cooperation with ISKI – İstanbul Water and Sewage Administration, İstanbul, Türkiye

#### Moderation:

**Prof. Dr. İzzet Öztürk**, ISKI Board Member – İstanbul Water and Sewage Administration, İstanbul, Türkiye

#### 15:30-15:45 Haliç Basin Environment Protection Projects

**Prof. Dr. İzzet Öztürk**, ISKI Board Member – İstanbul Water and Sewage Administration, İstanbul, Türkiye

#### 15:45-16:00 Grand Melen System

**Alişan Koyuncu**, ISKI Deputy General Manager – İstanbul Water and Sewage Administration, İstanbul, Türkiye

#### 16:00-16:15 Member friendly applications of ISKI

**Cafer Sezgin**, ISKI Deputy General Manager – İstanbul Water and Sewage Administration, İstanbul, Türkiye

#### 16:15-16:30 Smart Networks

**Türker Vardar**, ISKI Head of IT Management Department – İstanbul Water and Sewage Administration, İstanbul, Türkiye

## February 17, 2017

## FORUM AREA HALL 11

### 10:30-11:00 Workshop: WWTP Optimization with Hach RTC Modules

**Metin Baran**, Project Manager, Hach Lange Su Analiz Sis. Ltd. Sti. Ankara, Türkiye

### 11:00-13:00 Design and Operation of Sewage Systems

in cooperation with German Water Partnership e.V. (GWP), Berlin, Germany

#### Moderation:

**Hans-Joachim Werner**, Member of the Board, Head of Turkey Section, German Water Partnership, Berlin, Germany

#### 11:00-11:15 Introduction of German Water Partnership Activities in Turkey

**Hans-Joachim Werner**, General Manager, WE-Consult Ltd., Düsseldorf, Germany

#### 11:15-11:30 BIO-CEL® MBR Modules and applications in Turkey

**Burcu Kaleli Öztürk**, Technical Coordinator, ÖKOTEK Çevre Teknolojisi ve Kimya Sanayi Limited Sti., İstanbul, Türkiye

**Prof. Dr. Hulusi Barlas**, Chief Strategy Officer, ÖKOTEK Çevre Teknolojisi ve Kimya Sanayi Limited Sti., İstanbul, Türkiye

#### 11:30-11:45 Design and Operation of Waste Water Treatment Plants

**Fahri Savas Ekinci**, Country Manager, PWT Wasser - und Abwassertechnik GmbH, Zwingenberg, Germany

11:45-12:00

#### Design and Operation of a Sludge Drying Plant

**Gunnar Rübschläger**, Sales & Engineering Drying Units, SÜLZLE KLEIN GmbH, Niederfischbach, Germany

12:00-12:15

#### Energy Efficient Aeration Control in Turkey

**Jan Talkenberger**, Manager International Sales, Binder GmbH, Ulm, Germany

12:15-12:30

#### Advanced digestion – The new standard for sludge treatment

**Troels Hilstrøm**, Process Manager, Haarslev Industries GmbH, Bruchsal, Germany

12:30-12:45

#### Performance<sup>3</sup> inclusive AERsmart

**Ümit Akbaş**, Sales Engineer, AERZEN MAKINE San. Ve Tic. Ltd. Sti., İstanbul, Türkiye

12:45-13:00

#### Automation and Modernization of Drinking Water Treatment Plants (ISKI, GASKI, BUSKI, ESKI)

**Tulin Baskan**, Sales Turkey, Festo AG & Co. KG, Esslingen, Germany

### 13:00-14:30 Sustainable Waste Management in Turkey (TBC)

### 14:30-15:00 Case Study:

#### Trenchless rehabilitation of water mains using the Primus Line® system

**Andreas Gross**, Head of International Business Development, Rädlinger primus line GmbH, Cham, Germany

### 15:00-17:00 DWA-Special:

#### Challenges and solutions for sustainable wastewater treatment

in cooperation with German Association for Water, Wastewater and Waste (DWA), Hennef, Germany

#### Moderation:

**Rüdiger Heidebrecht**, Head of Department Training and International Cooperation, German Association for Water, Wastewater and Waste DWA, Hennef, Germany

15:00-15:20

#### Energy analysis for Wastewater Treatment Plant Antalya-Hurma according to the technical rule DWA A 216

**Hans-Joachim Werner**, General Manager WE-Consult Ltd., Düsseldorf, Germany

15:20-15:40

#### Improving energy efficiency in wastewater treatment - case studies from Jordan

**Firas Matar**, CEO Engicon O&M, Amman, Jordan

15:40-16:00

#### Sludge Management Master Plan for İstanbul

**Assoc. Prof. Dr. Osman Atilla Arıkan**, İstanbul Technical University ITU, Environmental Engineering Department, İstanbul, Türkiye

16:00-16:20

#### Dewatering indicators and influence of co-digestion

**Dr. Julia Kopp**, Certified Expert on sewage sludge treatment, Lengede, Germany

16:20-16:40

#### Resource conserving sludge treatment in Cologne

**Dr. Ergün Yücesoy**, Energy Expert, Urban Drainage City of Cologne, Germany

16:40-17:00

#### Panel Discussion

Visitors ask, Experts answer

## CONFERENCE ROOM EFES

### 10:30-16:00 Waste Water Management

in cooperation with Republic of Turkey Ministry of Environment & Urbanisation

- 10:30-11:15 Wastewater Management in Turkey**  
**Ercan Gülay**, Head of Water and Soil Management Department, Republic of Turkey Ministry of Environment and Urbanisation, Ankara, Türkiye
- 11:15-11:40 Energy Incentive Practices in Wastewater Treatment Plants**  
**Yılmaz Şengül**, Environmental Engineer, Wastewater Technologies and Projects Branch, Republic of Turkey Ministry of Environment and Urbanisation, Ankara, Türkiye
- 11:40-11:50 Break**
- 11:50-12:05 Project Approval Practices for Wastewater Treatment Plant**  
**Lütfiye Dumlu Yıldırım**, Environment and Urbanization Expert, Wastewater Technologies and Projects Branch, Republic of Turkey Ministry of Environment and Urbanisation, Ankara, Türkiye
- 12:05-12:30 Urban – Industrial Wastewater Treatment & Recycling Practices**  
**N.N.**, Kocaeli Water and Sewerage Administration (ISU), Kocaeli, Türkiye
- 12:30-14:30 Break**
- 14:30-15:10 Problems Encountered in Operating Wastewater Treatment Plants and Solution Suggestions**  
**Prof. Dr. Bilgehan Nas**, Department of Environmental Engineering at Selcuk University, Konya, Türkiye
- 15:10-15:30 Tariff Settings for Wastewater Treatment Plants**  
**N.N.**, Ankara Water and Sewerage Administration (ASKI), Ankara, Türkiye
- 15:30-16:00 Sludge Management in Turkey**  
**Dr. Gülsevrim Şener**, Soil Pollution Control Branch, Republic of Turkey Ministry of Environment and Urbanisation, Ankara, Türkiye

## MAIN FOYER - F-1

### 10:30-12:30 1st University Challenge Eurasia (UCE)

powered by German Association for Water, Wastewater and Waste (DWA) under the auspices of DAAD (German Academic Exchange Service)

### 14:00-14:30 Awards Ceremony - 1st University Challenge Eurasia (UCE)

powered by German Association for Water, Wastewater and Waste (DWA) under the auspices of DAAD (German Academic Exchange Service)

## CONFERENCE ROOM PAMUKKALE

### 14:00-18:00 Bioenergy in Turkey

in cooperation with BIYODER (Bioenergy Association of Turkey)

- Moderation:**  
**Prof. Dr. Tanay Sıdkı Uyar**, Vice President of the World Bioenergy Association, İstanbul, Türkiye
- 14:00-14:35 COP 21 The importance of Bioenergy in Europe after Paris**  
**Prof. Dr. Tanay Sıdkı Uyar**, Vice President of the World Bioenergy Association, İstanbul, Türkiye
- 14:35-15:20 Biomass potential and thermal technologies in Turkey**  
**Dr. Mustafa Tolay**, Board Member of Bioenergy Association, İstanbul, Türkiye
- 15:20-16:00 Gas engines in Biogas power generation**  
**Muhammet Er**, Project Engineer, Topkapı Industry, İstanbul, Türkiye
- 16:00-16:30 Biogas production from agricultural wastes**  
**Özgür Can Bahçeci**, Hochreiter Biyogaz A. Ş., İstanbul, Türkiye
- 16:30-17:00 Biomass Preparation Technologies - Decomposition and Technologies**  
**Remzi Uğur**, General Manager İmot Makine, Board Member of Bioenergy Association, İstanbul, Türkiye
- 17:00-18:00 Panel Discussion**  
**Visitors ask, Experts answer**

**February 18, 2017**

**FORUM AREA HALL 11**

**10:30-12:00 Agricultural Waste and Biogas Panel**

in cooperation with ISWA and KAKAD (ISWA Turkey), İstanbul, Türkiye

**Moderation:**

**Prof. Dr. Günay Kocasoy**, Head of ISWA Turkey - Turkish National Committee on Solid Waste (KAKAD), Boğaziçi University, İstanbul, Türkiye

**10:30-10:45 Energy/biogas production from agricultural wastes**

**Prof. Dr. Osman Yıldız**, Turkish National Committee on Solid Wastes – ISWA Turkey, Akdeniz University, Antalya, Türkiye

**10:45-11:00 Perspectives and applications from private and public sector, NGOs and universities**

**N.N.**

**11:00-11:15 Proposed and current energy projects in Turkey**

**İbrahim Halil Çetiner**, GAP Agricultural Research Institute – GAPTAM, Urfa, Türkiye

**11:15-11:30 Renewable energy alternatives from biosolid/agro-wastes**

**Prof. Dr. Nuri Azbar**, Turkish National Committee on Solid Wastes – ISWA Turkey,

Ege University, İzmir, Türkiye

**11:30-11:45 Enhancement of energy production from wastewater sludge and agricultural wastes through anaerobic co-digestion**

**Dr. Aylin Zeren**, Turkish National Committee on Solid Wastes – ISWA Turkey,

Boğaziçi University, İstanbul, Türkiye

**11:45-12:00 Sustainable waste-to-energy strategies**

**Dr. Fatih Hoşoğlu**, Operations Manager, Energy Management Department, İstanbul Environmental Management Company – İSTAÇ, İstanbul, Türkiye

**12:30-13:00 Case Study:**

**Treatment of Industrial Effluents and Leachate with High-Performance Membrane Bioreactors**

**Kenan Güney**, Project Engineer, WEHRLE UMWELT GmbH, Emmendingen, Germany

**13:00-13:30 Case Study:**

**Data-driven liquid waste management solution**

**Oscar Song**, Business Development Manager, Ecube Labs Co., Ltd., Seoul, South Korea

**13:30-14:00 Case Study:**

**From Waste to Worth - Cambi Advanced Digestion of Sludge and Food-waste**

**Davide Perduca**, Head of Business Unit, Cambi AS representative in Turkey Bayer Sanayi ve Ticaret A.Ş., İstanbul, Türkiye