

FIRST ANNOUNCEMENT


11TH INTERNATIONAL CONFERENCE ON

UTILITY SERVICES IN SMART CITIES

 18TH – 19TH OCTOBER 2023, SKOPJE, ALEXANDER PALACE

INTRODUCTION

Utility services in the Republic of North Macedonia are carried out by the Public Utility Companies (PUC). The quality of their services has a great impact on the quality of the citizens' daily lives. In order to improve the quality of the utility services, the Public Sector and the Municipalities must include the modernization of the PUCs as part of their operations.

The need for regulation of water services and waste management services, establishing quality treatment of wastewater and finding methods for the sustainability of treatment plants, keeping pace with the latest technologies in the management of water services, constant transparency and communication with its users are just some of the issues that the PUCs face constantly.

The peer exchanges among colleagues from the utility sector and the necessity of constant investments in knowledge and capacity building, imposes the need to organize expert debates and conferences which open discussions on available technical solutions and of sharing learned lessons from the past through the experiences of regional and international experts from the utility sector.

The goal of the Conference "Utility Services in Smart Cities" is for the experts in this field to start a debate on the topics that represent a challenge to all modern PUCs, who are aiming at being part of a new era, and at successfully implementing the "smart cities" idea and at establishing themselves as a "partner to the citizens."

TOPICS – PANEL SESSIONS

1. Smart services for Smart Cities

- Smart Cities
- Digital transformation of utility services
- Use of Big Data and Artificial Intelligence when making informed decisions

2. Digitization of Communal Services

- Digital platforms for smart utilities
- Smart management of water services
- Smart waste management
- Collaborative data-driven decision making in utility management through collaboration between stakeholders.

3. Digital experiences and practices for water services

- Digital solutions for water services
- Digital user experience
- Case studies of successful digital projects in water services
- Integrated digital solutions for the water-energy connection
- Mapping and quantitative and qualitative monitoring of small water sources as new sources of water supply

4. Ways to efficient and sustainable water service systems

- The current situation with water supply, drainage and wastewater treatment at national level and plans for improvement
- EU support for improving the current situation
- Ways to overcome the main problems of the sustainable operation of the systems (energy efficiency, water losses (Non Revenue Water - NRW), sludge utilization...)
- Capacity building as an essential factor for efficient and sustainable water service systems and know-how
- Reality and expectations
- Financing challenges of small Waste Water Treatment Plants (WWTPs)



5. Management and regulation of waste

- Mapping of municipal landfills – presentation of the process, findings and risk ranking of landfills, use of data
- The role of Local Government Units (LGUs) in the implementation of waste management legislation and the extended producer responsibility scheme
- Primary selection of organic waste as a condition for reducing the impact on the environment
- Closure and remediation of existing unregulated and illegal landfills
- Sustainable management of municipal waste through the application payment method according to the amount of generated waste

6. Experiences and role of the Regulator in digital transformation

- Experiences from the regulation of water services and municipal waste
- Regulation of water services and municipal waste in conditions of energy transition and development of new technologies, future challenges.

EDITORIAL BOARD

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CONFERENCE COORDINATOR

Mrs. Fani Karamiha Petrusheva
ADKOM



TECHNICAL EXHIBITION

An exhibition of products and equipment related to the topics of the Conference will be organized as part of the Conference at Hotel Aleksandar Palace.

Companies can present their activities, products and equipment related to the Conference topics at designated exhibition stands.

The exhibition stands will be placed right next to the Conference Hall.

For more detailed information, please contact the organizer.

TIME AND VENUE

The Conference will take place on **October 18 and 19, 2023** in **Skopje – Hotel "Aleksandar Palace"**.

LANGUAGE OF THE CONFERENCE

The Conference will be held in Macedonian and English languages, with simultaneous translation provided.

PARTICIPATION FEE

The participation fee is mandatory for all conference participants. For ADKOM members, the conference fee is 50 € + 18% VAT, and for other participants it is 100 € + 18% VAT. The participation fee includes: entrance fee, Conference materials, meals and refreshments during the Conference.

ACCOMMODATION AND TRANSPORTATION

The costs of accommodation and transportation are at the participants' own expense.

REGISTRATION

In order for the participants to register for the conference they need to fill out and send the Application to the organizer at:

🌐 adkommk@gmail.com

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