



ADKOM



VODOVOD
SKOPJE



PE COMMUNAL HYGIENE – SKOPJE



WATER AND WASTE
REALITY AND CHALLENGES

10th INTERNATIONAL CONFERENCE
DRAFT PROGRAMME

23-26 April 2018 | Ohrid, Hotel Metropol

INTRODUCTION

Drinkable pure water in nature has become less in its true form and is more polluted by various types of pollutants which, at the final consequence, endanger the health of people. In the past two decades, all over the world, major steps have been taken to improve the work of water utilities in terms of optimizing operating costs and optimizing the quality of services, while also striving to maintain the price of water at reasonable economic boundaries.

The main goal of the international conference is to study the various options that could be taken to “modernize” the regulation of the water sector in the Republic of Macedonia, in order to promote truly sustainable utility companies that protect our environment whilst ensuring services of safe water supply and waste water reuse at national level.

In the past years, in the Republic of Macedonia, the issues related to waste management have been very intensively referred. For modern policies, in the domain of waste management, besides as a generator of negative environmental impacts, the waste is also considered as a resource. Part of the materials that are part of the waste can be used for the production of new products or energy, thus enabling the preservation of non-renewable natural resources. Infrastructure and waste management technology are changing rapidly, the involved entities are encouraged to responsibly manage waste, i.e. by reducing the amount of waste at the place of its formation, reusing and recycling (RRR), processing, treatment and disposal, suitable for the environment. The creation of waste is inevitable, but the substance that remains, should be perceived as a raw material that can be reused.

The international conference with the submitted papers should provide an answer and directions for operation of the public utility companies in the Republic of Macedonia, responsible for water supplying the population, drainage of fecal waste waters and regional waste management, where they stand with own development and at which level is their provision of services to the citizens and of course the satisfaction of the citizens.

Productive discussions during the conference days will provide an exceptional opportunity, for people dealing with water and waste issues, to become aware of best practices as well as get a comprehensive overview of the latest generation of equipment and the latest technology in the communal sphere.

M.SC. Lolita Stojanovska
Executive Director-ADKOM

ORGANIZERS

ADKOM

- Association of public service providers of the Republic of Macedonia

PCE “Water supply and sewerage”, Skopje

PCE “Communal hygiene”, Skopje

ORGANIZING COMMITTEE

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BSc.Civ.Eng. Sandi Zulic – President of Association for Water and Environmental Protection Sector “Aquasan Network in B&H”

Mr. Philip Weller – Head of the Technical Sekretariat of IAWD – Danube Water Program on behalf of IAWD

Ms. Violeta Wolff – Technical Specialist – Danube Water Program on behalf of IAWD

M.Ch.Eng. Sanja Horvat – Head of Sewage and Wastewater department PU Koprivnicke Vode – R. Croatia

Mr. Dimitar Kochkov, member of the Energy and Water Regulatory Commission (EWRC) and Vice-president of European Waters Regulators Network (WAREG)

CONFERENCE COORDINATOR :

Ms. Fani Karamiha – Petrusheva – ADKOM

VENUE OF THE CONFERENCE

Conference will take place in Hotel Metropol – Ohrid, R. Macedonia

REGISTRATION OF PARTICIPANTS

All participants of the conference have to register themselves. The registration will take place at the lobby of Hotel Metropol on **23.04.2018 from 18.00 – 21.00 p.m.** and **24.04.2018 from 08.00 a.m.- 15.00 p.m.**

All participants which will arrive after the given term for registration will be able to make it during breaks.

REGISTRATION FEE

The registration fee is obligatory for each conference participant and include: attendance to the conference, conference set (bag, notebook, pen, badge) conference proceedings (which electronically will be issued and delivered to all participants after the conference, cocktail [23.04.2018] coffee brakes during the conference days, gala dinner [24.04.2018], touristic sightseeing of Ohrid [25.04.2018].

The paid registration fee is not refunded.

Registration fee is 95 Euro (VAT-included).

TECHNICAL EXHIBITION

At the time of the conference, in Hotel Metropol there will be held an exhibition of products and equipment related to the conference topics.

Companies can present their activities, products and equipment related to the conference topics at the exhibition booths. Exhibition booths will be placed next to the conference room -LABINO hall.

WORKING LANGUAGES

Working languages of the conference are Macedonian and English with simultaneous translation on Macedonian, English and Albanian language.

ACCOMMODATION AND TRANSPORT

Accommodation is ensured in Hotel Metropol and Hotel Bellevi in Ohrid.

Participants themselves have to arrange the hotel reservations and cover the costs of accommodation and transport.

SOCIAL EVENTS

23.04.2018

21.30 hrs. Welcome cocktail for the participants

24.04.2018

13:15 hrs. Group photo of all participants of the conference

21.30 hrs. Gala dinner Hotel Bellevue

25.04.2018

Touristic sightseeing of Ohrid - after the conference

WAY OF WORKING SESSIONS

The presentation of the papers will take place at Biljana hall at Hotel Metropol.

The duration of each presentation should not be longer than 10 minutes.

Lead sponsor of the conference has 30 min. company presentation.

Sponsor of conference bags have 15 min. for company presentation.

Exhibitors on the technical exhibition have 10 min. for company presentation.

COFFEE BREAKS

Coffee breaks will be served in the Hotel Metropol - Labino hall, within the technical exhibition.

BREAKFAST-LUNCH

The breakfast will be served into the hotel where the guests are accommodated and the lunch will be served into Hotel Metropol also for the guests who are accommodated into hotel Belvi.

AGENDA

23.04.2018 год. Arriving of participants 21:30 Welcome cocktail

24.04.2018	FIRST CONFERENCE DAY
08:00-09:30	Registration of participants
09:30-10:00	<p>Official opening of the conference</p> <ul style="list-style-type: none"> • ADKOM • Ministry of environment and physical planning • Energy regulatory commission in the RM • PCE “Water supply and sewerage”, Skopje • PCE “Communal hygiene”, Skopje • ZELS
10.00-11.00	Coffee break and visit of the technical exhibition
FIRST PANEL SESSION:	<p>EXPERIENCE OF THE REGULATOR IN THE TRANSITION PERIOD IN ESTABLISHING THE PRICES OF WATER SERVICES / TARIFFS</p> <p>Moderators:</p> <p>Energy regulatory commission in the RM (ERC)</p> <p>Energy and Water Regulatory Commission in Bulgaria (EWRC) – R. Bulgaria</p>
11:00- 12:30	<p>INTRODUCTION AND PRESENTATIONS:</p> <ol style="list-style-type: none"> 1. Ministry of Environment and Physical Planning 2. Energy regulatory commission in RM 3. Energy and Water Regulatory Commission (EWRC) in R. Bulgaria 4. Regulatory Commissions of R. Romania, Italy, Kosovo and Albania. 5. Process of data collection and management in some Macedonian water utilities, Mr. Yavor Dimitrov <p>PANELISTS</p> <ul style="list-style-type: none"> • Representatives from Ministry of environment and physical planning • Representatives from Energy regulatory commission in RM • Representatives from Energy and Water Regulatory Commission (EWRC) in Bulgarija • Representatives from Regulatory Commissions of R. Romania, Italy, Kosovo and Albania • Representatives from PCEs (were part of the Business Planning process)
12:30-13:15	Presentation of the main financial sponsors of the conference
13:15- 14:30	Group photo of all participants and lunch
14:30- 16:00	<p>DIALOG SESSION:</p> <p>Enhancing Dialog for sustainable and efficient water services among central government, local self-government units and public utilities in RM</p>
16:00- 17:00	Presentation of private companies
17:00- 17:30	Coffee break

SECOND PANEL SESSION	<p>REFORM FOR THE INSTITUTIONAL SETUP IN THE WATER MANAGEMENT IN THE REPUBLIC OF MACEDONIA</p> <p>Moderators: Representatives from Ministry of environment and physical planning</p>
17:30- 19:00	<p>INTRODUCTION AND PRESENTATIONS</p> <ol style="list-style-type: none"> 1. Ministry of environment and physical planning 2. The Path towards Financial Self Sustainability and Full Cost Recovery, Mr. James Hunt 3. Size matters; the need for organizational clustering of municipal drinking water and wastewater services in Macedonia, Mr. Ad Sannen, 4. Integrated water management in Macedonia, Mr. Martin Wolff 5. The significance of strategic planning, use of international practices and European directives in the groundwater management-Mr. Dragan Dimitrievski-GEING 6. River Basins and Water Accounts: The Roles and Responsibilities of Water Utilities, Mr. Brian Faulkner <p>PANELISTS</p> <ul style="list-style-type: none"> • Representatives from Ministry of environment and physical planning • Ms. Stanislava Dodeva - Embassy of Switzerland in RM • Mr.Dragan Dimitrievski - GEING • Representatives from Ministry of transport and communications • Representatives from Ministry of agriculture forestry and water economy • Representatives from Ministry of local self-government • Ministry of health • Representatives from PCEs
21,30	Gala Dinner

25.04.2018	SECOND DAY
THIRD PANEL SESSION	SUPPLY OF DRINKING WATER AND COLLECTION AND TREATMENT OF WASTEWATER Moderators Ministry of environment and physical planning
09.00-11.00	<p>PRESENTATIONS</p> <ol style="list-style-type: none"> 1. Sludge management from wastewater treatment plants, challenge and need for water, waste and nature management, Ms. Sonja Lepitkova, Ms. Ljupka Dimovska-Zakov & Mr. Vlatko Trpevski 2. Waste water collection and Waste water treatment; Project in Municipality of Grosuplje. Mr. Andrej Ivanc, 3. Experience management for wastewater treatment plant-Volkovo, PE "Water supply and sewerage", Skopje 4. Benefits of Regional Wastewater Treatment - Case Study: Kocani Wastewater Treatment Project", Mr. Ivo Fölmli 5. FILTRAN®, a new constructed wetland process with less footprint for nitrogen removal from domestic wastewater, Mr. Mario Menegotto 6. Ecoremediation for waste water and sewage sludge sanitation, Ms. Alenka Zalaznik 7. Wastewater to no waste integrated waste treatment plant design optimization with co-located industrial reuse operation, Mr. Nafa Khalaif 8. Satellite Leak detection Project in Mitrovica, Kosovo, Mr. Bojan Ristovski, 9. Management of the pressure as a measure to reduce water loss in the water supply systems, Ms. Angelina S. Todorovska <p>PANELISTS</p> <ul style="list-style-type: none"> • Representatives from Ministry of environment and physical planning • Representatives from Faculty of Civil Engineering Skopje • State Inspectorate for Environment • Faculty of technology and metallurgy • Mr. Andrej Ivanc - RIKO Slovenija • Representatives from PCEs
11:00- 12:00	Presentation of private companies
12:00-12:30	Coffee break

FOURTH PANEL SESSION	STRENGTHENING CAPACITIES OF THE PUBLIC UTILITY COMPANIES FOR SUSTAINABLE, EFFICIENT AND AVAILABLE WATER SERVICES Moderator: ADKOM
12:30-13:45	<p>PRESENTATIONS</p> <ol style="list-style-type: none">1. Danube Learning Partnership (D-LEAP)2. Regional Capacity Development Network (RCDN)3. Training center od ADKOM4. Sharing a Vision for Utility Development / Case Study: Tirana Waterworks UKT Technical Assessment, Ms. Viola Saliasi5. Capacity Building for Public Utility Staff to Operate the New Waste Water Treatment Plant in Gevgelija, Mr. Walter Osterwalder6. Asset Management, GIZ7. Kocani Waste Water Treatment Project - Corporate Development, Mr Paunkoski and Mr. Kushevski <p>PANELISTS</p> <ul style="list-style-type: none">● ADKOM● GIZ;● IAWD● SHUKALB● AQUASAN

FIFTH PANEL SESSION	WASTE MANAGEMENT Moderators Ministry of environment and physical planning
14:00-15:30	<p>INTRODUCTION AND PRESENTATIONS</p> <ol style="list-style-type: none"> 1. Ministry of environment and physical planning 2. The experience in solid wastes treatment, design and operation a warranty for the right choices, Mr. Mario Menegotto 3. Establishment of an integrated and self-sustainable waste management system – the case study of Pelagonija, southwest, Vardar and Skopje regions, Enviroplan 4. Parametric analysis of slope stability on the example of municipal waste landfill in Vršac”, Ms Irena Basaric 5. Leachate treatment plan for disposal of non-hazardous waste – Barje, Ljubljana, Mr. Andrej Ivanc, 6. Usage of Alternative Fuels in cement kilns – part of the solution for sustainable solid waste management- Ms. Natasha Bakreska Kormushoska <p>PANELISTS</p> <ul style="list-style-type: none"> • Representatives from Ministry of environment and physical planning • Ms. Sonja Lipitkova - University Goce Delchev - Stip • Representatives from Faculty of Civil Engineering • Mr. Dragoslav Rakić - University of Belgrade • Representatives from PCEs • Representatives from - Usje Cement Plant
15:30-15:45	CONCLUSIONS
15:45- 16:30	Lunch
17:30-20:00	TOURISTIC SIGHTSEEING OF OHRID, ST. NAUM (FOR THE PARTICIPANTS WHO WILL STAY UNTIL 25.04.2018)
20:30	Dinner
26.04.2018	THIRD DAY
	DEPARTURE OF PARTICIPANTS

POSTER PRESENTATIONS

1. Developing a Regional Waste Management System in East and Northeast Region of the Republic of Macedonia, Mr. Boris Scekcic and Ms. Tatjana Todoroska
2. Removal of zinc from industrial wastewater by polyelectrolyte assisted ultrafiltration process, Ms. Feryal Akbal
3. Additional water supply of city of Gevgelija with groundwater from the aluvial sediments of the river Vardar, Mr Stojan Mihailovski
4. Using ion chromatography to determine the composition in the water of source Rashche, PE "Water supply and sewerage", Skopje
5. Microbiological status of the alternative water supply sources in the city of Skopje, PE "Water supply and sewerage", Skopje

INFORMATION AND CONTACT

All information will be accessible on the information desk at the lobby at Hotel Metropol.

For all other information during the conference days, please, contact Ms. Fani Karamiha Petrusheva on following number: +389 71 222 899.