

CURRICULUM VITAE

1. **Family name: Ristovski**
2. **First names: Bojan**
3. **Date of birth: 19.08.1968**
4. **Nationality: Macedonian**
5. **Civil status: Married**
6. **Education:**

Institution [Date from - Date to]	Degree(s) or Diploma(s) obtained:
Faculty of Electrical Engineering, University of Kiril i Metodij-Skopje, Macedonia [October 1988-June 1994)	Bachelor of Science in Electrical Engineering

Further education:

November/2007-December/2007: Washington Leadership Programme - Training in Leadership and experience sheering for development of a Strategy for water loss Reduction. Hope Fellowship Programme sponsored by the National Albanian American Council, and funded by USAID.

April/2007-June/2007: Operation Management - Certified training on the topics of Management and operations. Hope Fellowship Programme sponsored by the National Albanian American Council, and funded by USAID.

April/2005-August/2005: Specialization in Water Utilities - Post-Graduate Specialization Course in Management of Water Resources and Water Services. The general aim of the Course was to give an intensive training to the participants on water related problems, water technologies and water management, correlated by practical experience in laboratories, offices, and plants of the University of Turin and Turin Water Utility. HYDROAID, The Course was financed by the Italian Ministry of Foreign Affairs, and took place in Turin Italy at the International Training Centre of the International Labour Organization UN.

7. **Language skills:** Indicate competence on a scale of 1 to 5 (1 - excellent; 5 - basic)

Language	Reading	Speaking	Writing
English	1	1	1
Serbian/Croatian/Bosnian	1	1	1
Bulgarian	2	3	3

8. **Membership of professional bodies:**

International Water Association / Water Loss Specialist Group since 2002;
Macedonian Centre for energy efficiency MACEF

9. **Other skills:**

- Excellent communication skills gained through work, conferences and leisure activities
- Coordination and administration of employees and projects mostly during my 6 years top managerial experiences
- Sense of organisation especially during ISO 9001:2008 project implementation
- Good experience in project management Automatic Meter Reading, Document Management System, Non-Revenue Water projects
- Competent with Microsoft Office programmes Word, Excel, PowerPoint, and other applications, database searching, Internet

10. **Present position:** Managing Director / Owner of Aquasave LTD, Skopje

11. **Years within the firm: 9**

12. **Key qualifications:**

- 25 years' experience in the Water loss management/ Non-Revenue Water reduction in urban and rural supply systems; Developing effective leakage reduction methodology/District Meter Area/Active Leakage Control; Leak Detection; Pipe tracing; Pressure Management;
- Up-to-date knowledge of world's best practice Non-Revenue Water management
- Many years of practical active leakage detection experience (leak noise correlation, step-testing, noise logging, planning and managing leak detection resources)
- Extensive experience in training to water utility staff on best practices methodologies and technologies in Non-Revenue Water Management;
- Extensive experience in collecting, processing, analysing data concerning the Non-revenue Water;
- Over 12 years of progressively responsible experience including management and supervisory responsibilities in the biggest water and sewerage utility in Macedonia (PCE Water and Sewerage-Skopje)
- Comprehensive knowledge of the principles and practices of operation and maintenance of water equipment and facilities
- Significant experience on water management projects – technical expert on 2 projects dealing with Asset Management for water and sanitation sector in South-East Europe and technical expert on few project dealing with Non-revenue Water Management
- Excellent experience in collecting and analysing the financial and technical data related to water and sewerage services (IBNET Benchmarking);
- Sufficient experience in business planning and tariff adjustment plans for utilities
- Design and implementation of Document Management System related to water and sewerage processes;
- Preparing and revising the QMS documents related to water and sewerage utility
- Good command of quality control processes (responsible for implementing QMS in PE Water Supply and Sewerage-Skopje as a Quality Management Representative)
- Proven record of business development and excellent customer and client liaison skills.

13. Specific experience in the region:

Country	Date from - Date to
Albania	April 2015 - May 2015; December, 2016; August 2017; 12-16.10.2020
Kosovo	December 2015 - May, 2016; September - October 2017; July-September 2018
Macedonia	Resident, working experience since 1996
Ukraine	October - November, 2017
Italy	June-July, 2018
Oman	March-April, 2019
Serbia	December 2019
Croatia	January 2020
Turkey	July, August 2021

14. Professional experience: Where possible, please present each project individually in the table below

Date	Location	Company & ref person	Position	Description
July, August 2021	Istanbul, Turkey	Water Vision Technologies Christopher Gaggo Christopher@WaterVisionTech.com	Senior Leak Detection Expert	Pilot project using SAR technology for detecting leaks for ISKI - Water and Sewerage company Istanbul, Turkey <ul style="list-style-type: none"> Leak detection activities Verification of the leaks on the field, according to the given leak sheets from Utilis (Asterra)
12-16.10.2020	Seranda, Lezhe, Albania	AHT Group AG, Germany Sammet Ulrich sammet@iht-group.com	Leak Detection Expert	Project "Customer and Performance Drinking Water and Sanitation Services" and "EU Support to Wastewater Management and Treatment Services". The projects are co-funded by the European Union and the German Federal Ministry for Economic Cooperation and Development (BMZ), and implemented by GIZ and AHT Group AG/DORSCH/ICE. Leak Detection theoretical training as co-trainer and on-the-job training as trainer for the utilities of Seranda, Himara and Vlora (at Seranda)-Albania and utilities of Kavaja, Lezhe and Shkoder (at Lezhe)-Albania. <ul style="list-style-type: none"> General introduction to Leak Detection Basic and advanced Leak Detection Techniques Leak detection and Location equipment Practical exercise on site Demonstration of equipment (Electronic Listening Stick, Ground Microphone, Leak Noise Correlator, Ferromagnetic locator, Pipe tracer) Leak detection exercise on site
08-10.2020	Skopje, Macedonia	ADKOM (Association of communal public enterprises in Macedonia) Lolita Stojanovska adkommk@gmail.com	Consultant	Project "Strengthening the association for delivery of capacity development of PCEs in the Republic of Northern Macedonia for provision of sustainable water services, financially supported by Regional Capacity Development Network (RCDN). Identify trainings that will be part of the training catalogue: <ul style="list-style-type: none"> Preparation of a questionnaire submitted to ADKOM members and identification of PCE training needs Analysis and inventory of the existing training programs, curricula and training materials that ADKOM has and identification of proposed trainings that will be part of the catalogue.
March-June-2020	Skopje, Macedonia	ADKOM (Association of communal public enterprises in Macedonia) Lolita Stojanovska adkommk@gmail.com	Consultant	Project "Support to utilities in Berovo, Probishtip and Veles in preparing business planning and tariff adjustment plan for the next regulated period 2021-2023", according to the methodology for the setting of water service tariffs/Energy Regulatory commission of the RM <ul style="list-style-type: none"> Consultation and actively involvement in preparation of the Asset tool, Financial tool the Tariff Calculation Model Consultation services to complete the application and accompanying documentation in accordance with the Rulebook on the manner and procedure for setting of water service tariffs and of the regulatory tariff for water services and Methodology for the setting of water service tariffs Calculation services in preparing the Tariff adjustment plan (Regulatory Plan) Support to preparing the Business planning for the three year period (20201-2023)
February, March-2020	Macedonia, Kosovo, Albania, Montenegro, Serbia, Bosnia and Herzegovina, Austria	EBP Schweiz AG - Switzerland Risch Tratschin Risch.Tratschin@ebp.ch	Subconsultant (Review team)	Project "External mid-term review of the Regional Capacity Development Network (RCDN)", visiting and interviewing SECO and GIZ (BMZ); NALAS, IAWDd and AQUASAN; officials from local government associations (LG's) and associations of public utility companies (APUC's) in the west Balkan countries (Albania, Bosnia and Herzegovina, Kosovo, Montenegro, Macedonia and Serbia); as well as world bank and Austrian ministry of finance. the project is financed by GIZ, SECO (RCDN) <ul style="list-style-type: none"> overall contribute to the successful completion of the mid-term review analyze selected documentation provided by giz, review capacity development materials and products produced by the rcdn organize, co-facilitate and take notes during the interviews and focus group discussions during the review missions to 6 countries (north Macedonia, Albania, Kosovo, Serbia, Montenegro, Bosnia Herzegovina) and in Austria

Date	Location	Company & ref person	Position	Description
				<ul style="list-style-type: none"> contribute to developing recommendations co-author specific sections of the draft Mid Term Review report, provide specific inputs support the presentation of findings and recommendations support logistics and travel arrangements provide translation to English
January, 2020	Umag	Kolektor Sisteh-Slovenia Bostjan Kocar Bostjan.Kocar@kolektor.com	Senior Leak Detection Expert	<p>Project "Satellite based leak detection project –Panchevo, Kovin, Kovachica - Serbia", financed by Regional Development Agency South Banat-Serbia.</p> <ul style="list-style-type: none"> Comprehensive leak detection activities and verifying the leaks according to the given Leak Sheets from the Satellite based scan as an Utilis Certified Leak Detection Team.
December, 2019	Panchevo, Kovin, Kovachica	Kolektor Sisteh-Slovenia Bostjan Kocar Bostjan.Kocar@kolektor.com	Senior Leak Detection Expert	<p>Project "Satellite based leak detection project –Umag, Croatia" (Istarski Vodovod),</p> <ul style="list-style-type: none"> Comprehensive leak detection activities and verifying the leaks according to the given Leak Sheets from the Satellite based scan as an Utilis Certified Leak Detection Team. On-the-job training of the utility leak detection teams
November, 2019	Cacak, Sebia	Akvapan DOO dragan.pantovic@akvapan.com	Leak detection Expert	<ul style="list-style-type: none"> Delivered classroom and on-the-job training to leak detection tema of Akvapan, Cacak, Serbia staff on using the newly procured leak detection equipment (Correlator, Contact Microphone, Ground Microphone, Ferromagnetic Locator)
October, 2019	Vrbas, Parachin-Serbia	Megger-SebaKMT Toni Kavcic toni.kavcic@megger.com info@beoinzenjering.rs	Leak detection Expert	<p>Project ""Water and Sewerage Programme in medium-sized Municipalities in Serbia, Program V Phase 2, financed by KfW.</p> <ul style="list-style-type: none"> Delivered classroom and on-the-job training to JP "Vodovod" Parachin-Serbia and JKP Komunalac Vrbas staff on using the newly procured leak detection equipment (Correlator, Mobile Ultrasonic flow meter, Ground Microphone, Ferromagnetic Locator)
October, 2019	Prishtina, Kosovo	Megger Bulgaria Alexander Georgiev Alexander.Georgiev@megger.com	Leak detection Expert	<p>Project "Rural water and sanitation support programme", financed by Swiss government and government of Kosovo, implemented by Dorsch International Consultants and CDI</p> <ul style="list-style-type: none"> Training to Hydro Project (Prishtina) staff on setting, programming and installing GPRS data loggers
March 2019-April 2019	Muscat, Oman	Water Vision Technologies Christopher Gaggo Christopher@WaterVisionTech.com Public Authority for water Jorge Ernesto Chavez Breton Jorge.Chavez@diam.om	Senior Leak Detection Expert	<p>Project "Satellite based leak detection project – Public authority for water, Muscat Oman"</p> <ul style="list-style-type: none"> Comprehensive leak detection activities according to the given Leak Sheets from the Satellite based scan On-the job training to members of Leak detection department
October 2018 – June 2019	Skopje, Macedonia	PE Water supply and Sewerage Skopje Zlatan Ikonov zlatan.ikonov@vodovod-skopje.com.mk Zarko Ivanovikj zarko.ivanovic@vodovod-skopje.com.mk	Senior Leak Detection Expert	<p>Project " Satellite based leak detection, advanced training to utility staff and NRW reduction in particular DMA of the city of Skopje – Skopje, Macedonia</p> <ul style="list-style-type: none"> Comprehensive leak detection activities according to the given Leak Sheets from the Satellite based scan Training on best practices and methodologies in NRW reduction and technologies On-the job training Selection of appropriate DMA for NRW reduction activities Implementation of various NRW activities

Date	Location	Company & ref person	Position	Description
July 2018 – September 2018	Mitrovica, Kosovo	Luxembourg agency for development cooperation Ivan Kitinov (ikitinov@yahoo.com)	Senior Leak Detection Expert	Project "DMA Training for Mitrovica Regional Water Company" <ul style="list-style-type: none"> Collection and analysis of NRW data on technical and institutional aspects Assessment of NRW leak-detection activities at MRWC, selection of pilot DMA Comprehensive monitoring and leak detection activities in pilot DMA Provision of classroom and on-the-job training to RWC Mitrovica staff
June 2018-July 2018	Mantova, Italy	2f water venture srl Massimo Ramazzotto massimo@2fwaterventure.it	Leak Detection Expert	Project "Satellite based leak detection project – TEA Acque Montova supply area" <ul style="list-style-type: none"> Comprehensive leak detection activities according to the given Leak Sheets from the Satellite based scan On-the job training to members of 2f water venture srl Leak Detection team
October 2017 – November 2017	Chernivtsi, Ukraine	GFA Consulting Group Kalanderi Afrim Afrim.Kalanderi@gfa-group.de	International Leak Detection Training Expert	Project "Programme for Modernisation and Rehabilitation of municipal infrastructure Chernivtsi – Ukraine", financed by KfW <ul style="list-style-type: none"> Developed and provided a training programme on NRW activities for Chernivtsivodokanal Utility (Water Balance, DMA, PMA, Leak Detection, NRW strategy...) Step testing exercise on particular DMA
September 2017 – October 2017	Mitrovica, Kosovo	Luxemburg agency for development cooperation Ivan Kitinov (ikitinov@yahoo.com)	Senior Leak Detection Expert	Project "Satellite based leak detection project – MRWC supply area" <ul style="list-style-type: none"> Comprehensive leak detection activities according to the given Leak Sheets from the Satellite based scan Provision of training to RWC Mitrovica staff in use of their own leak detection equipment (training-on-the-job), including the missing ones provided by Aquasave Classroom training to managerial and technical staff of RWC Mitrovica on NRW topic
August 2016 – November 2017	Macedonia	EPTISA SOUTHEAST EUROPE d.o.o Vladimir Lukic (vlukic@eptisa.com) Tatjana Todoroska (ttodoroska@eptisa.com) Albert Dekker (albert.dekker@arsvivax.com) (jamesleighhunt@hotmail.com)	Water Expert/ Performance Monitoring and Benchmarking Expert	Project "Development of National Water Study", financed by EU <ul style="list-style-type: none"> Collect, evaluate and elaborate data for population, water supply coverage, waste water network, etc in the selected project Municipalities and PUCs; Overall evaluation of status of water sector in PUCs and description of all operators; Contribution to identification of existing infrastructure for water supply and waste water collection and treatment Contribution to identification of investment projects pipeline and economic evaluation for prioritization of projects Assistance in data collection and interpretation.
February, 2016-November 2017	Macedonia	EPTISA (Spain) Andreja Todosievic (atodosievic@eptisa.com) Ad Sannen (adsannen.id.as@gmail.com)	NRW Expert/ Performance Monitoring and Benchmarking Expert/Business planning Coordinator for Skopje utility	Project "Reform in the system for water supply, collection and treatment at local level", financed by EU <ul style="list-style-type: none"> Assist Communal Service Enterprises to build capacity to improve the collection and the reliability of the technical and financing data within CSEs operating in water and sanitation sectors Conduct data quality control of provided indicators Analyse the current NRW status of the Communal Enterprises and suggest measures to its reduction and improvements. Coordinate the activities between the project team and the biggest beneficiary and participant in the project PE Water Supply and Sewerage-Skopje
October 2015-June 2016	Macedonia	Rambol (Denmark) James Hunt (jamesleighhunt@hotmail.com)	Water Expert	Project: "Strengthening capacities for implementation of environmental legislation at local level", financed by EU <ul style="list-style-type: none"> Development of tailor made training programme

Date	Location	Company & ref person	Position	Description
				<ul style="list-style-type: none"> • Training on infrastructure projects • Contribute to the development of legal documents Development of general measures for water loss reduction
June 2015 - May 2016	Macedonia, Kosovo	Association for Water and Environmental Protection Sector "Aquasan Network in B&H" (Bosnia and Herzegovina), GIZ Open Regional Fund for Modernization of Municipal Services / German Cooperation and Swiss Cooperation Vesna Muslic (vesna.muslic@aquasanbih.ba) Georgi Hristov (georgi.hristov@giz.de)	Regional Expert on Water Loss Reduction	<p>Project: Reduction of Non-Revenue Water in South-East Europe for utilities in Macedonia (Gevgelija, Kochani, Vinica) and Kosovo (RWC Prishtina Operating units in Drenas, Lipjan and Podujevo)</p> <ul style="list-style-type: none"> • Development of guidelines and manuals for reduction of losses • Collection and analysis of data on technical and institutional aspects • Calculation of water balance and setting up DMA zones • Development of general measures for water loss reduction • Development of concrete measures and implementation in DMA pilots • Training on best practices and methodologies in NRW for the selected utilities in Macedonia and Kosovo • Provision of On-the-job Training
April 2015 - May 2015	Albania	AHT GROUP AG (Germany), being part of a consortium of DAHLEM (Germany) Thomas Wiegand (wiegand@iht-group.com)	Non-Revenue Water Expert	<p>Project: "Consulting Services on Leak Detection - Pogradec Low and High Supply Zones" ("Addendum 8") as a part of the "Consulting Services under the Environmental Protection Programme Lake Ohrid Phase III of the German Financial Cooperation with Albania" (KfW)</p> <ul style="list-style-type: none"> • Provision of training to UK Pogradec staff in use of their own leak detection equipment (training-on-the-job) • Preparation of detailed plan of leak detection campaign • Organize and accompany the pilot DMA flow metering and leak detection activities.
March 2015 - October 2015	Macedonia	Valu Add Management Services sh.p.k. (Albania) Semira Kasimati (skasimati@valu-add.com)	National Expert	<p>Project "Business Planning and Commercial Efficiency Improvement Project", financed by IAWD/Danube Water Programme</p> <ul style="list-style-type: none"> • Coordinate and facilitate the activities between the Joint Venture Project Team, the local Water Association of Macedonia, and the Water Utilities in Macedonia participating in the Project. • Provide related guidance and direct assistance throughout the Business Planning Training Sessions and follow-up with each participant utility in the Republic of Macedonia to supervise their commitment to develop all necessary reference documents and required inputs on a timely basis. • Coach the staff of each participating utility to prepare relevant module "homework" as instructed during business planning training sessions. • Support the team of Key Experts to prepare brief on-site visit summary reports
February 2015 - April 2015	Macedonia	NALAS Network of Association of Local Authorities of South-East Europe and SCTM Standing Conference of Towns and Municipalities and financed by GIZ/ORF. Miodrag Kolic (kolic@nalas.eu)	Senior Water expert	<p>Senior short-term expert on the Project "Asset Management for water and sanitation sector in South-East Europe" financed by GIZ/ORF. Responsible for development of proposal for the WSS Asset Management reports relevant for local decision makers. Additionally responsible for:</p> <ul style="list-style-type: none"> • Definition of the Asset Management reports (strategic level indicators and data) necessary for planning and decision making related to Asset Management in water and sanitation sector by the local authorities, based on available AM data inputs in Public Utilities. • Definition of the Asset Management reports (indicators and data) in water and sanitation sector relevant to regional comparison between the PUs, as well as, for development of regional Asset Management recommendations and policies. • Summary of reporting needs to the decision makers (Utility Company Board, Municipal Council) covering all Asset Management project countries
December 2014 - December 2015	Kosovo	Dorsch International Consultants GmbH (Germany) and Community Development Initiatives (Kosovo)	Non-Revenue Water Expert	<p>Project: "Rural Water and Sanitation Support Programme", financed by Swiss Agency for Development and Cooperation. Responsible for the following issues:</p> <ul style="list-style-type: none"> • Development of NRW pilot areas / District Metered Areas in each Regional Water Company.

Date	Location	Company & ref person	Position	Description
		Brow Alan (Alan.Brown@dorsch.de)		<ul style="list-style-type: none"> • Development and implementation of strategy for NRW reduction in each Regional Water Company. • Development of monitoring tools to provide accurate and transparent information on NRW real losses to RWC management and Dorsch/CDI management team. • Training needs analysis and subsequent training of staff in RWCs. • Monitoring progress, providing regular reports and providing guidance on implementation of NRW reduction • Theoretical and practical training on Active Leakage Control and Pressure Management
September 2014 - December 2014	Macedonia	NALAS Network of Association of Local Authorities of South-East Europe and SCTM Standing Conference of Towns and Municipalities Miodrag Kolic (kolic@nalas.eu)	National Expert for preparation of the National Report on existing Asset Management practices in Macedonia	<p>Project: "Asset Management for water and sanitation sector in South-East Europe", financed by GIZ/ORF</p> <ul style="list-style-type: none"> • Preparation of National Report (collect, review and summaries the findings of the Assessment Report of existing Asset Management practices in Macedonia);
April 2014 – April 2015	Macedonia	IAWD-Danube Water Programme Violeta Wolff (wolff@iawd.at) Dragan Chorobenski (dragan@vodovod-kumanovo.com.mk)	NRW Consultant - Full Implementer of the activities	<p>Project: "Reducing NRW in the city of Kumanovo (Macedonia)", financed by IAWD/Danube Water Programme</p> <ul style="list-style-type: none"> • Assist and advice the utility to division the all network into DMA's • Preparation of Water Balance based upon IWA methodology • Carry out flow and pressure measurements, comprehensive leak detection activities • Develop a strategy for NRW reduction (short and long term activities) • Develop procedures and internal documentation for NRW management (Real and Apparent losses) • Provide training to management (theoretical), engineering and technical staff (theoretical and practical) and employees from financial and collection department (theoretical) mainly in best practices on NRW reduction and used technology
December 2013 - August 2014	Macedonia	Cowi (Denmark) - Geing (Macedonia) Emilija Uzunova (uzunova.e@geing.com.mk)	National Specialist for NRW Reduction Strategies	<p>Project: "Consulting Services for the elaboration of a feasibility study for Water and sewerage programme phase II, Macedonia", financed by KfW</p> <ul style="list-style-type: none"> • Reviewing the existing situation in terms of NRW • Performing Water Balance • Reviewing the current DMA and advising on establishment of new DMA's • Participating in the preparation of the Investments plan related to NRW • Advising, supporting and training the utility staff in NRW activities
June 2013 - August 2014	Macedonia	Eptisa (Spain) – Geing (Macedonia) Andreja Todosievic (atodosijevic@eptisa.com) Uzunova Emilija (uzunova.e@geing.com.mk)	Institutional Expert for Water and Wastewater Utilities	<p>Project: "Development of National Water Tariff Study", financed by EU</p> <ul style="list-style-type: none"> • Identification of all the stakeholders and prepare a stakeholder analysis in order to guide the project development • Assessment of existing sources of data and reporting of Institutional performance Data collection • Data collection and interviews with relevant stakeholders
Since September 2012-on going	Macedonia	Aquasave LTD, Skopje Bojan Ristovski (bojan@aquasave.mk)	Managing Director / Owner	<ul style="list-style-type: none"> • Supervise all operational and financial processes • Planning and overseeing work in all aspects of Leak Detection • Responsible for developing effective leakage reduction methodology • Training and coaching all leakage staff • Responsible for design, organize and implement NRW Non-Revenue Water projects according to IWA International Water Association/WLSG Water Loss Specialist Group methodology

Date	Location	Company & ref person	Position	Description
August 2012 – March 2021	Macedonia	Ministry of Finance, Macedonia Tanja Tomic (tanja.tomic@finance.gov.mk) Ljubica Patlidzankovska (ljubica.patlidzankovska@finance.gov.mk)	IBNET Consultant	Project "Municipal Service Improvement Project", financed by World Bank <ul style="list-style-type: none"> Assist Communal Service Enterprises to build capacity to improve the collection and the reliability of the technical and financing data within CSEs operating in water and sanitation sectors Collection, processing and analysing of water management data Train utility staff in each municipality participating in Municipal Service Improvement Project in IBNET (The International Benchmarking Network for Water and Sanitation Utilities) data preparation Elaboration of methodology on data gathering, input into electronic format and verification; Recapitulate the completeness of collected data, Conduct data quality control of provided indicators, Analyze IBNET indicators for each Communal Service Enterprise; Supervise the correction of database in line with comments; Provide plausibility check of the provided data; Prepare aggregated report on IBNET data (on annual basis) comparing all municipal CSE and their work
June 2012 – June 2015	Macedonia	CRPM Consulting (Macedonia)-SECO Marija Risteska (risteskamarija@yahoo.com) Stanislava Dodeva (stanislava.dodeva@eda.admin.ch)	Water Supply Operations Expert	Project: "Public Utility Coaching Project", financed by SECO <ul style="list-style-type: none"> Training the utility staff in NRW activities (Real and Apparent Losses), IBNET (The International Benchmarking Network for Water and Sanitation Utilities) benchmarking
December 2011 - September 2012 Macedonia	Macedonia	J.P. Vodovod i Kanalizacija – Skopje (Macedonia) Zlatan Ikonov (zlatan.ikonov@vodovod-skopje.com.mk) Zarko Ivanovikj (zarko.ivanovic@vodovod-skopje.com.mk)	Head of Leak Detection Department	<ul style="list-style-type: none"> Supervise Leak Detection Department Responsible for DMA District Meter Area and PRM Pressure Reduction Management Planning and overseeing work in all aspects of Leak Detection Responsible for developing effective leakage reduction methodology Training and coaching all leakage staff Responsible for design, organize and implement NRW Non-Revenue Water projects according to IWA International Water Association/WLSG Water Loss Specialist Group methodology
May 2009 – May 2012	Macedonia	J.P. Vodovod i Kanalizacija – Skopje (Macedonia) Zlatan Ikonov (zlatan.ikonov@vodovod-skopje.com.mk) Zarko Ivanovikj (zarko.ivanovic@vodovod-skopje.com.mk)	Quality Management Representative	<ul style="list-style-type: none"> Responsible for the effective implementation of a ISO 9001:2008 QMS Quality Management System Preparing and revising the QMS documents Preparing Management Review Meeting Schedule and conducting Management Review Meetings Preparing Audit schedules, Conducting Internal Audits , preparing audit reports, Writing Nonconformity reports Representing the management during certification and surveillance audits
September 2008-December 2008	Macedonia	ADKOM Association of communal public enterprises in Macedonia / World Bank – IBNET Lolita Stojanovska (adkom@t-home.mk) Alexander V. Danilenko (adanilenko@worldbank.org)	Project Coordinator	<ul style="list-style-type: none"> Collection and analysis of utility performance benchmarks for Macedonia (IBNET)
January 2008 - November 2008	Macedonia	USAID/Hope Fellowship Programme Cheryl Schoenberg	Project Coordinator	Project: "Where the Water comes from", financed by USAID-US Agency for International Development The outcome of the project was a multimedia CD with the following item content:

Date	Location	Company & ref person	Position	Description
		(cschoenberg@naac.org) Marija Teofilovska (mteofilovska@naac.org)		<ul style="list-style-type: none"> • Animated water cycle, including its distribution to the costumers; • Recommendation for domestic rational water using; • Interactive quiz question for the theme - water • Facts and truths about water and • Game connected with water topic • The aim of the project was to enhance the knowledge of target pupils of 9 years old upon relevant issues related to water and to create awareness about water conservation.
August 2005 - December 2011	Macedonia	J.P. Vodovod i Kanalizacija – Skopje (Macedonia) Aleksandar Smilkov Zlatan Ikonov (zlatan.ikonov@vodovod-skopje.com.mk) Zarko Ivanovikj (zarko.ivanovic@vodovod-skopje.com.mk)	Director of Leak Detection Department, Call Centre and On-Duty Centre	<ul style="list-style-type: none"> • Responsible for On-Duty Centre 24h/day, Call Centre and Leak Detection Department • Responsible for water supply and sewerage operation after regular working hours, during Weekend days and holidays • Responsible for developing effective leakage reduction methodology • Project manager of AMR project, Document Management System, NRW projects
2005 - 2007	Macedonia	GTZ Macedonia Nikoleta Bogatinovska (nikoleta.bogatinovska@giz.de)	Focal Point of JP Vodovod i Kanalizacija-Skopje	<p>Project: "Improvement of the economic efficiency of public communal services"</p> <ul style="list-style-type: none"> • Advice on working processes in the communal public enterprises in Macedonia;
April, September 2003, July 2002	Macedonia	USAID/LGRP (Local Government Reform Project) Bekim Ymeri (bymeri@worldbank.org)	Municipal Water Improvement Activity Consultant	<p>Project: "Water Improvement in Public Water Utilities in Macedonia", financed by USAID-US Agency for International Development</p> <ul style="list-style-type: none"> • Advice on strategies, carry out training programs on site and implementing water loss management and Leak detection techniques in many utilities in MK • Provided a training workshop for the water utilities in Macedonia about the equipment and methodologies currently used worldwide in reducing the NRW. • Author of the Manual "Analyse of water loss in water distribution systems and methods and leak detection equipment for their reduction"
October 2002	Macedonia	Communal Public Enterprise "Water Supply"-Kocani (Macedonia) / Hydroprojekt CZ (Czech Republic) participated as foreign partner Draganco Stavrev (draganco.stavrev@yahoo.com) Zoran Georgiev (vodovodkocani@yahoo.com)	Local consultant	<p>Project: "Study design for leak abatement in water supplying network in the city of Kochani", financed by EcoLinks</p> <ul style="list-style-type: none"> • Responsible for DMA management, Flow and Pressure Measurements, • Training the local staff in using the equipment and NRW methodologies
May 1996 - August 2005	Macedonia	J.P. Vodovod i Kanalizacija – Skopje (Macedonia) Zlatan Ikonov (zlatan.ikonov@vodovod-skopje.com.mk) Zarko Ivanovikj (zarko.ivanovic@vodovod-skopje.com.mk)	Head of Leak Detection Department	<ul style="list-style-type: none"> • Supervise Leak Detection Department • Responsible for DMA and PR Management • Planning and overseeing work in all aspects of Leak Detection • Responsible for developing effective leakage reduction methodology • Training and coaching all leakage staff • Responsible for design, organize and implement NRW projects according to IWA/WLSG methodology.

15. Other relevant information (e.g., Publications):

- April 2002- Provided a training workshop for the Water utilities in Macedonia about the equipment and methodologies currently used worldwide in reducing the NRW in water distribution systems, organized by USAID/LGRP Local Government Reform Project.
- June 2002 - Author of the Manual "Analyze of water loss in water distribution systems and methods and leak detection equipment for their reduction" published by USAID/LGRP Local Government Reform Project.
- 1995-2012 - Continuous training of the Water Supply and Sewerage Skopje, Macedonia staff on NRW activities
- June 2006- Presenter of the Strategy for water loss reduction in water distribution systems on the training workshop "Water Supply System Management through rational use of water", organized by MDW Make Decentralization Work, an USAID project and Water Development Institute for the Water utilities in Macedonia-Krushevo, Macedonia
- March 2015 - Provide training to management (theoretical), engineering and technical staff (theoretical and practical) and employees from financial and collection department (theoretical) mainly in best practices on NRW reduction and used technology for Kumanovo, Macedonia utility staff under the IAWD DWP project
- April 2015 - Provided a theoretical and practical NRW training for Pogradec, Albania, water utility staff under the SECO project
- June, 2015 - Provided a theoretical and practical NRW training for Resen, Macedonia water utility staff under the SECO project
- September, 2015 - Provided a theoretical and practical Active Leakage Control and Pressure Management training for RWC Mitrovica and RWC Bifurkacioni, Kosovo staff under the SDC project
- Conference coordinator, member of editorial committee, member of organizing committee on the International conferences in 2006 Skopje and 2008 Ohrid on the topic of water loss management
- 2007 - Organizer of the Celebration of "100 years of J.P. Vodovod i Kanalizacija-Skopje"

Participated and presented a paper on a water loss management related topic on the following conferences:

- September 2019, Southeast Europe Regional Conference "Water Loss 2019", organized by ARA (Romanian Water Association) and IWA WLSG - Bucharest, Romania
- September 2019 - 16th International Symposium on Water Management and Hydraulic Engineering, organized by the Faculty of Civil Engineering of the University of Ss, Cyril and Methodius in Skopje, Macedonia - Skopje, Macedonia
- November 2018 - Water and Nature - Balkans Joint Conference and Exhibition, organized by SHUKALB (Water Supply and Sewerage Association-Albania) and SHUKOS (Water Supply and Sewerage Association of Kosovo) - Tirana, Albania
- April 2018 -Water and Waste - Reality and challenges", organized by ADKOM (Association of communal public enterprises in Macedonia) and PE Water and Sewerage-Skopje - Ohrid, Macedonia
- November 2015 -"Water and Sustainable Development", organized by SHUKALB (Water Supply and Sewerage Association of Albania) and SHUKOS (Water Supply and Sewerage Association of Kosovo)-Prishtina, Kosovo
- May 2015 -IWA Regional Utility Management Conference "Improving Performance in Emerging Economies", organized by IWA and SHUKALB Water Supply and Sewerage Association of Albania-Tirana, Albania
- November 2014 - Balkans Joint Conference and Exhibition, organized by SHUKALB (Water Supply and Sewerage Association-Albania) and SHUKOS (Water Supply and Sewerage Association of Kosovo)- Tirana, Albania
- June 2014 - 4th International Conference "Water and Wastewater - Challenges and Sustainability" organized by ADKOM and PE Water and Sewerage-Skopje - Ohrid, Macedonia
- May 2013 -IWA Regional Utility Management Conference "Improving Performance in Emerging Economies", organized by IWA and SHUKALB Water Supply and Sewerage Association of Albania-Tirana, Albania
- November 2012 -"Water loss reduction in water supply systems" organized by BWA Bulgarian Water Association-Sofia, Bulgaria
- May 2012 - "Water Loss Europe 2012"-Ferrara, Italy
- February 2011 Fifth annual WEX The Water and Environmental Exchange conference "Improving Sustainability, Innovation, Collaboration, and Efficiency in International Water"-Lisbon, Portugal
- November 2010 "Water loss reduction in water supply systems" organized by BWA Bulgarian Water Association-Sofia, Bulgaria
- June 2010 "Water Loss 2010" organized by IWA International Water Association/ WLTF Water Loss Task Force and Sabesp, the Water and Sewerage company of Sao Paulo-Sao Paulo, Brazil
- May 2010 Water Efficiency Conference "ACCADUEO FAIR 2010" organized by Italian Water Convention under patronage of IWA International Water Association -Ferrara, Italy
- February 2010 "Improving Efficiency in Water Management", a special seminar organized by Bentley in association with WEX The Water and Energy Exchange-Limmasol, Cyprus

- November 2009 "Water Loss Reduction in Water and Sanitation Utilities in SEE Countries", organized by Bulgarian Water Association and UN-HABITAT-Sofia, Bulgaria
- February 2009 International scientific-practical seminar "Recourse economy-strategic line of development of water supply and sewerage branch in Ukraine"-Yaremche, Ukraine
- June 2008 Global Water Leakage Summit-London, United Kingdom
- June 2008 Second International conference "Water Loss Management, Telemetry and SCADA in water distribution systems" organized by ADKOM Association of communal public enterprises in Macedonia and P.E. Water Supply and Sewerage-Skopje.-Ohrid, Macedonia
- September 2007 "Water Loss 2007" organized by IWA International Water Association and ARA Romanian Water Association.-Bucharest, Romania
- September 2006 International conference "Water Loss Management, Telemetry and SCADA in water distribution systems" organized by ADKOM Association of communal public enterprises in Macedonia and P.E. Water Supply and Sewerage-Skopje.-Skopje, Macedonia
- May 2006 "Quality of water, Decreasing the water loss and evacuation of waste water" organized by Association of Water Supply companies in Srpska Republic and Association for water technology and sanitary engineering-Belgrade-Jahorina, Bosnia and Herzegovina.

Participated on the following conferences:

- May 2018-Water Loss 2018 – Cape Town, South Africa.
- April 2014-Water Loss 2014 - Vienna, Austria.
- March 2011-The first Bi-Annual Global WOPs Congress and GWOPA General Assembly in conjunction with World Water Day Celebrations on 22nd March- Cape Town, South Africa
- October 2010- The first Balkan conference on trenchless technology "Trenchless technology-Environmental opportunities for construction and rehabilitation on underground infrastructure "organized by BATT Bulgarian Association for Trenchless Technology-Plovdiv, Bulgaria
- April 2009- "Water Loss 2009, organized by IWA International Water Association-Cape Town, South Africa
- September 2008- IWA World Water Congress and Exhibition-Vienna, Austria
- January 2006 "Leakage Technology Summit"-London, United Kingdom
- 2005-2007 - Focal Point of PE Water Supply and Sewerage -Skopje for the GTZ Project for Improvement of the economic efficiency of public communal services
- September 2005- "Leakage 2005", organized by IWA International Water Association- Halifax, Nova Scotia, Canada
- November 2002- "Leakage Management - A Practical Approach", organized by IWA International Water Association- Lemessos, Cyprus
- May 2001-"System Approach to Leakage Control and Water Distribution Systems Management", organized by IWA International Water Association - Brno, Czech Republic.

I, the undersigned, certify that to the best of my knowledge and belief, these data correctly describe me, my qualifications, and my experience.

Bojan Ristovski



Date: November, 2021