

PROPOSED ROLE IN THE PROJECT: Team Leader

1. Family name: Blaschke
2. First names: Peter Wolfgang
3. Date of birth: 17/11/1965
4. Nationality: Austrian
5. Civil status: Allied
6. Education:



INSTITUTION		DEGREES OBTAINED	
University of Natural Resources and Life Sciences, Vienna, Austria	09/87 - 11/94	MSc Water Management and Environmental Engineering	Ref PB1
	02/85 - 06/89	BSc Water Management and Environmental Engineering	Ref PB2

7. Language skills (1 - excellent; 5 - basic):

LANGUAGE	READING	SPEAKING	WRITING
German	Mother tongue		
English	1	1	1
BCS	3	4	5
French	3	4	5

8. Membership of professional bodies: Chamber of Commerce, Austria
9. Other skills: Fully computer literate
10. Present position: Independent Consultant
11. Years within the firm: 30
12. Key qualifications:

- > **30+ years of experience in the environment sector, 21 of which in environmental infrastructure projects financed by EU and IFIs:**
 - 4.5 years as Task Manager at EU Delegation to Bulgaria with responsibility for overall management of ISPA environment programme in water, wastewater, solid waste, air – plus Phare programmes for Internal Market totalling €380m;
 - 20+ years as Team Leader and Chief Resident Engineer, leading multi-disciplinary/cultural teams of professionals supporting infrastructure development, including 27 projects in water supply, 17 in wastewater treatment and 7 in solid waste management;
 - 15 years of experience in supporting infrastructure development in candidate countries, including Montenegro and Albania;
 - excellent communicator with over 30 years of experience in stakeholder management and liaison with local, regional, and national governments, as well as the EC and IFIs (EIB, EBRD, KfW, World Bank, ADB).
- > **23 years' experience as Procurement Expert in environmental infrastructure development projects:**
 - managed procurement in 32 projects (totalling over €990m) focused on water supply and sanitation, wastewater treatment, and solid waste management;
 - projects in 15 countries across South-East and Eastern Europe, Central Asia, Middle East and East Africa;
 - guided infrastructure procurement processes for EU- and IFI-funded projects in candidate countries leading to 2004 enlargement (Latvia, Hungary, Estonia, Slovenia), 2007 enlargement (Romania, Bulgaria) as well as current candidate countries (Albania, Montenegro) and potential candidate countries (Kosovo, Bosnia and Herzegovina).
- > **Full command of EU procedures - 13 years' experience of FIDIC, 9 years PRAG:**
 - completed 14 projects according to FIDIC conditions of contract (Red, Yellow, and Orange books), and 18 assignments applying PRAG;
 - managed €380m of EC funding (ISPA and Phare) according to PRAG conditions during engagement at EC Delegation to Bulgaria, in close cooperation with EC General Directorates (DG REGIO, DG ENV, DG RELEX).
- > **9.5 years' experience in environmental infrastructure development the Western Balkans:**
 - completed 16 projects in the region- Montenegro (1 project), Albania (12 projects), Kosovo (2), Bosnia and Herzegovina (1).
- > **8 years' experience in the development of policies in the field of environment:**
 - contributed to planning, preparation, design and coordination of environmental sector policies in Albania, Georgia, Bulgaria supporting central and municipal authorities in improvements in water and solid waste sectors.
- > **Extensive experience in the provision of training and capacity building:**
 - completed 7 projects involving formal training and on the job mentoring to central and municipal authorities responsible for the development of environmental policies and infrastructure, as well as wider stakeholders;
 - regional experience in the Western Balkans, building capacity of Albanian Ministry of Public Works and Transport, Albanian NGOs in the environment sector and municipalities in Kosovo.

13. Country Experience (in alphabetical order):

Albania; Austria; Belarus; Bosnia and Herzegovina; Bulgaria; Croatia; Estonia; Georgia; Hungary; Jordan; Kazakhstan; Kyrgyzstan; Latvia; Malawi; Montenegro; Romania; Russian Federation; Serbia/ Kosovo; Ukraine

14. Professional experience (selected projects):

Date:	10/2022 – ongoing (+220 w/d)	Location:	Montenegro	Ref PB0
Company:	COWI	Position:	Team Leader	
Reference Person:	Mr Lars Lauridsen lqla@cowi.com			

Team Leader: Support to Project Preparation for Environment and Climate Change Sector, Montenegro (European Union from IPA 2016/ IPA II). The main focus of this technical assistance ("Project Preparation Facility Environment" – PPF) is dedicated to the development of project documentation and tender dossiers in order to ensure projects are of an appropriate maturity to receive funding. This documentation includes pre-feasibility studies, conceptual designs, feasibility studies with cost-benefit analysis, environmental impact assessments, final design, as well as preparation of tender documents in the Water Supply-, Wastewater-, Waste- and Natural Protection Sector. All project documentation that will be developed should be in accordance with rules set in IPA Implementing Regulation, PRAG or FIDIC and according to the national Law on Planning and Construction.

Projects at present under implementation: - Bijelo Polje Wastewater Project; - WWTP & WW Collection Rožaje, Kolašin, Mojkovac; - Rehabilitation of Biogradska Lake; Coastal Zone Protection of Ada Bojana; - Strategic Environmental Assessment for the National Waste Management Plan of Montenegro

Date:	04/2022 – 03/ 2023 (20 w/d)	Location:	Homebased (for Ukraine)	Ref PB0
Company:	CES	Position:	Waste Expert	
Reference Person:	Mr Andreas Helbl a.helbl@ic-ces.at			

Waste Expert: Master Plan for the City of Trostianets (Private Financing). Elaborated input to the City Masterplan for the entire Waste Sector. A Master Plan (MP) for the City of Trostianets/ Sumy Oblast on the North-eastern part of Ukraine was to be elaborated. The MP covered all areas of infrastructure (WS/ WW/ SW/ other infrastructural City Planning) as well as social and environmental issues. The focus is laid on energy efficient technology;

Date:	10/2022 – 10/2022 (60 w/d)	Location:	Malawi	Ref PB0
Company:	Commonage/ Ntchisi Forest Lodge	Position:	WS Expert/ Con. Supervisor/ Ranger	
Reference Person:	Mr Tim Bellack t.bellack@roesterei-vier.de			

- > **Water Supply Expert/ Construction Supervisor: Water Supply Ntchisi Forest Lodge (Private Financing).** Design and Construction Supervision of a rural water supply system and of a single storey building
- > **Ranger:** general physical technical maintenance of lodge infrastructure; forest operation in rain forest

Date:	03/2017 – 06/2022 (828 w/d)	Location:	Malawi, Ukraine, Kazakhstan	Ref PB3
Company:	Posch & Partner	Position:	Team Leader/ Procurement Expert	
Reference Person:	Mr Fritz Schwaiger schwaiger@pap.co.at			

> **Team Leader/ Procurement Expert/ Chief Resident Engineer: Water Distribution Network Rehabilitation and Expansion in Lilongwe City (World Bank).** Managed €56m environmental investment project financed by the World Bank and implemented for the Lilongwe Water Board. Tasks included preparation of **detailed engineering designs** and **tender documents** for water distribution pipelines and associated facilities and construction supervision of the Works according to **FIDIC** Harmonised Edition 2010 and FIDIC Red Book 2017. The project comprises replacement and new installation of approx. 420 km of distribution pipelines; establishment of pressure and leakage control system (involving installation of approx. 125 District Metered Areas, 60 pressure reducing valves and 165 flow meters), 2 ground tanks, 2 tower tanks, 10 pumping stations; approx. 14,700 new household connections and 60 communal water points. Supported the Client in the **identification and prioritisation of additional investment measures**. Managed a multidisciplinary team of 15 international and local experts. Malawi. 08/2018 – 07/2022 (650 w/d).

> **Project Manager/Procurement Expert: Procurement and Implementation Support for the Mykolayiv Vodokanal Project (EIB).** Managed and implemented Project Management Support to PIU (Contract & Financial Management), Construction Supervision, Procurement Supervision and monitoring of grant and loan expenditures. Managed a multidisciplinary team of 5 international and local experts. €4m. EIB/ Mykolayiv Vodokanal. Ukraine. 06/2018 – 11/2018 (30 w/d).

> **Team Leader/ Procurement Expert: Semey Water Project - PIU Support.** Support to priority investments in rehabilitation and modernisation of the water supply (WS) and wastewater (WW) systems, resulting in enhanced energy efficiency and reduction in water consumption and water losses in the system. Managed the preparation of **Tender Documentation** for Works (WS distribution pipelines; WW sewer, WWPS), Supply (WS & WW pumps, chlorination units, maintenance vehicles, leak detection equipment, WW laboratory equipment) and Services (installation of a hydraulic modelling, GIS and SCADA system). Guided and conducted tender evaluations. Managed a multidisciplinary team of 8 international and local experts €8.5m. EBRD/ Semey Waterworks. Kazakhstan. 03/2017 – 02/2019 (148 w/d).

Date:	05/2015 - 11/2017 (589 w/d)	Location:	Georgia	Ref PB4, PB5
Company:	igr AG	Position:	Team Leader/ Chief Resident Engineer	
Reference Person:	Mr Jaba Tugushi j.tugushi@batumi.ge ; Mr Hubert Bruch h.bruch@igr.de			

- > **Team Leader: Feasibility Study on Water Supply and Sanitation Systems** in Semi-Urban and Rural Communities in Ajara. The project comprises: Elaboration of basic data for the existing WS &WW infrastructure; Analysis of the legal framework and development of an institutional concept for establishment of the Ajara Water Alliance and recommendation for **institutional sector policy**; Elaboration of a locally adapted technical concept to improve the existing centralized and decentralized physical infrastructure which takes into account ecological, climate related and social aspects, amongst also by implementation of Pilot Projects; **Project identification and prioritisation**; Development of an economic concept; Assessment of capacity building needs and awareness rising activities. Managed a multidisciplinary team of 15 international and local experts. Investment value: €20m. KfW/ Municipality of Batumi. Georgia. 01/2016 – 03/2017 (56 w/d).
- > **Team Leader/ Chief Resident Engineer: Rehabilitation of Municipal Infrastructure - Batumi – Phase IV.** Managed the support to the improvement of water supply & sanitation in Batumi and surrounding villages, the reduction of NRW, provision of safe collection of sewerage, safe disposal of sewerage, improvement of the Black Sea bathing water quality. The project comprised of two components: a) Supervision of construction works for water supply and sewerage networks designed and tendered in the frame of Phase III b) **Preparatory Study, conceptual and final design, tendering** and supervision for further rehabilitation of water supply and sewerage networks in Batumi and surrounding villages. Total costs of the project €13.9m (Supervision), €85.5m (Preparatory Study, incl. **prioritisation of investment measures**), €8.8m (Detailed Design, Tender Documentation). Managed a multidisciplinary team of 10 international and local experts. €118.2m. KfW/ Municipality of Batumi. Georgia. 01/2016 – 11/2017 (440 w/d).
- > **Project Manager: Identification of Needs for an Update for the Water Supply and Sewerage Master Plan for Albania.** Managed a multidisciplinary team of 4 international and local experts supporting the Ministry of Public Works and Transport in updating the Water Supply and Sewerage Master Plan for Albania in 2011/2012 to provide the Client with a reliable planning tool. Due to the 2015 Territorial Administrative Reform the Client requested new sector investments, benchmarking data for the Water Utilities and examination of water supply and sewerage assets within the areas outside the jurisdiction of the Wus to be updated. GIS training was provided. Albanian Ministry of Public Works and Transport/ KfW. Albania. 09/15 – 08/02/16 (50 w/d).
- > **Senior Water Supply, Wastewater, Waste and Irrigation Expert: Lustica Bay – Update of the Master Plan for Infrastructure, Period 1.** Development of a **master plan** for the infrastructural development of Lustica Bay with the emphasis placed on security of supply and disposal with optimized development cost, considering insecure electric power supply, heavy seasonal fluctuations of potable water and sewage quantities, recyclability of the purified sewage for irrigation and option for a modular expansion of the system. Characteristics: approx. 28,300 m wastewater sewers; approx. 3,550 m irrigation lines; approx. 36,000 m potable water lines; up to 5 wastewater treatment plants; pump stations (potable water and wastewater); 4 potable water reservoirs; central transfer stations for 2 marinas. Tasks performed: (i) update of water supply concept, (ii) **feasibility study** for alternative wastewater disposal solution, (iii) update of power supply concept, (iv) waste management concept, (v) update of cost estimation, (vi) recommendation for staged implementation. Private investor. Montenegro. 15/05/15 – 11/01/16 (43 w/d).

Date:	01/2014 – 04/2015 (244 w/d)	Location:	Kyrgyzstan	Ref PB5
Company:	eptisa	Position:	Team Leader	
Reference Person:	Mr Peder Bisbjerg pedergregersbisbjerg@hotmail.com ; Mr Hubert Bruch h.bruch@igr.de			

- > **Team Leader: Issyk-Kul Sustainable Development Project (ISDP Phase II) – Feasibility Study and Design** Consultancy (FSDC). Managed the second phase in a longer term initiative by the Asian Development Bank (ADB) to support environmental management and to improve urban service delivery in the Issyk-Kul Oblast. The Project supported 3 cities in the preparation of **feasibility studies and prioritised investment plans**, incl. environmental/ biodiversity, sociological, financial/ operational impact assessments, for up to three Landfills, three WWTPs (incl. sludge treatment, namely in Balykchy Sludge Drying Beds, in Cholpon Ata Solar Drying and in Karakol Solidification) and one sewerage network (Cholpon Ata). Managed a multidisciplinary team of 20 international and local experts. Value of Works: €54m, service value: €1.4m. ADB/ADA/ISDP Project Management Office within the Kyrgyz Ministry of Finance.

Date:	09/2012 – 10/2013 (242 w/d)	Location:	Albania	Ref PB6
Company:	JV Stucky-Dornier/Schneider Consult	Position:	Resident Engineer	
Reference Person:	Mr Frank Ehrlicher frank.ehrlicher@srp-consult.de			

Water Supply and Environmental Protection Lake Shkodra. Ensuring a sustainable, ecologically and hygienically safe water supply and wastewater collection in the city of Shkodra – support to the environmental protection of the lake, conservation of the natural resources, reduction of the health risks of the city of Shkodra's population (100,000 inhabitants) and its visitors. Managed: i) Construction Supervision of Works for the Water Supply and Wastewater System Shkodra (rehabilitation works and new construction; "Water and Sewerage Shkodra"); ii) Construction Supervision of Works for the Wastewater System Shiroke (new construction of sewer network and WWTP incl. sludge drying beds; "Sewerage and WWTP Shiroke"; 2,000 p.e.); iii) Construction Supervision of Installation Works of total approx. 15,500 Water Meter ("Installation of Water Meters"); all Works Contracts are based on **FIDIC** Red Book. Investment value: €23m. Managed a multidisciplinary team of 8 international and local experts. Water Works Shkodra/ KfW, ADA, SECO.

Date:	05/1998 – 08/2003 and 01/2008 – 08/2012 (2612 w/d)	Location:	WB6, EaP, Eastern Europe	Ref PB7
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Company:	ic consulenten	Position:	Team Leader/ Procurement Expert
Reference Person:	Mr Peter Wötzinger p.woetzing@ic-group.org		

- > **Procurement Expert: Lipetsk Wastewater Treatment Plant Design, Procurement and Contract Supervision** (of two **FIDIC** Red Books) for the rehabilitation of the Plant (250,000 m³/d; sludge drying beds) for the town and environment of Lipetsk (500,000 inhabitants). Investment value: €28m. Responsible for **Conceptual Design, Detailed Design**, Project Controlling, Technical Consultancy, **Tendering**, Tendering Consultancy. Water Works Lipetsk/ EBRD. Russia. 07/2011 – 08/2012 (38 w/d).
- > **Project Manager/ Team Leader Water Supply: Water Supply and Sewerage Master Plan for Albania.** Support to the improvements in the provision of drinking water and preparation of the **EU accession process (environmental standards)** - preparation of Master Plan water supply/wastewater for entire territory of the Republic of Albania. Development of a **Prioritisation System** in order to rank all identified Investment Projects in the Water and Wastewater Sector acc. to depoliticised needs. Technical, socio-economic, geo-hydraulic, environmental and financial/economic criteria considered in line with the **Water Policy, Strategy, Legal and Institutional Framework** in Albania; advice in **planning, preparation and design of environmental sector policies and infrastructure**. Approx. service value: €2m. Managed a multidisciplinary team of 50 international and local experts. Albanian Ministry of Public Works and Transport/ KfW. Albania. 03/2011 – 09/2012 (345 w/d).
- > **Team Leader, Procurement Expert, The Engineer: Rustavi Solid Waste - PIU Support.** Review and update of existing documentation with regards to the requirements of EC Directives. Design, Tender Documentation, Procurement Support and Construction Supervision (**FIDIC** Red) of a new landfill according to **related EC-Directives** and all compulsory infrastructure constructions. Procurement of all necessary operational equipment. Rationalisation of waste services through designation of the landfill as the single landfill for waste disposal for Rustavi and Gardabani (total 140,000 inhabitants). Institutional strengthening/ capacity building of the waste monitoring and enforcement section of the municipal department of environment; Tasks: Detailed design, procurement support (amongst: Tender evaluator for 1 Works and 2 Supply tenders), supervision (**FIDIC** Red), institutional strengthening. Investment value: €4m. Managed a multidisciplinary team of 8 international and local experts. Municipality of Rustavi/ EBRD. Georgia. 02/2010 - 04/2013 (444 w/d).
- > **Project Manager/ Procurement Trainer: Training in Programme and Tender Evaluation.** Delivered 'Becoming an Evaluator' training (in form of presentation, role plays and practicing evaluation of specific examples) for NGOs in the environment sector. Centre for Development, Education & Networking. Albania. 12/2010 – 02/2011 (12 w/d).
- > **Team Leader, Procurement Expert: Slonim and Baranovichi Biogas Sub-Projects – Feasibility Studies.** Managed a multidisciplinary team of 12 international and local experts in the preparation of EBRD's first biogas investments in Belarus intended to finance biogas (generated from the WWTP via anaerobic digestion of WW sludge) combined heat and power improvements for Baranovichi (180.000 p.e.) and Slonim (65.000 p.e.) whilst reducing the operating costs and harmful discharges to the Schara and Neman Rivers. **Feasibility Studies** (incl. **investment programmes**) incl. ESAPs and SEPs. Water Works Slonim and Baranovichi/ EBRD. Investment value: €14m. Belarus. 05/2010 - 11/2010 (72 w/d).
- > **Team Leader: Technical Assistance and Training for Municipalities in Management of Publicly Owned Enterprises.** Managed support to municipalities in increasing the quality of municipal public services, ensuring consistency among the laws that make up the legal framework on municipal Publicly Owned Enterprises (POEs) in the sectors of district heating, waste collection, water supply and wastewater collection/ treatment; ensuring adequate monitoring of POEs' **financial management and service delivery**, building managerial capacity by provision of training for approx. 20 POEs in the disciplines of regulatory oversight, economic and financial restructuring for efficient service delivery and corporate governance and management of municipal POEs. Managed a multidisciplinary team of 8 international and local experts. World Bank. Kosovo. 11/2009 – 02/2011 (66 w/d).
- > **Water Supply & Procurement Expert: Design and Supervision of Works for Reconstruction of Roads and Water Supply Distribution Network** of the Village Marqinet 1 and Llanaj Neighbourhood. **Design**, preparation of works **tender dossier** and supervision of the main and internal roads of the village Marqinet 1 and Llanaj neighbourhood including water distribution system and sewerage system, following **PRAG** and EC Conditions of Contract. Investment value: €1.5m. EC. Albania. 05/2009 – 02/2012 (72 w/d).
- > **Team Leader & Procurement Expert: Private Investor/ EBRD: Cargo Centre Kiev.** Assistance in contractual management of construction of a huge Cargo Centre (civil engineering and accompanying **water/ wastewater infrastructure**). Investment value €220m. Responsible for Project Management, Tendering/ Procurement Support. Managed a multidisciplinary team of 6 international and local experts EBRD. Ukraine. 06/2008 - 09/2010 (243 w/d).
- > **Team Leader, The Engineer: Supervision of the Renovation Works at Regional Vocational Educational Training Centres (RVETC) in Albania.** Managed the preparation of **design and tender dossiers** for works and equipment following **PRAG** contract conditions and Supervision of Works of total 4 RVETCs in Korca, Vlora and Elbasan. Investment value €1.2m. Managed a multidisciplinary team of 5 international and local experts EC. Albania. 12/2008 - 09/2010 (56 w/d).
- > **Project Manager, Water Supply Expert: Feasibility Study for Water Supply in Durres and Kavaja.** Managed the development of Feasibility Study (incl. **investment programme**): review of existing documents, Field Measurements, Preliminary Design, Hydraulic Calculations of WS Network for Durres is the main port of Albania and the country's second largest city and for neighbouring Municipality of Kavaja. Managed a multidisciplinary team of 4 international and local experts Investment value: €6m. Albania. 01/2008 – 04/2009 (189 w/d).
- > **Project Manager, Wastewater Expert: Supervision of Lezhe Wastewater Emergency Works.** The works to be supervised concentrated on the improvement of main collector sewers, construction of new and

- rehabilitation of existing sewerage pumping stations and discharge points and by thus improvement of the environment in Lezhe and surroundings. The services included **design review**, assistance during **procurement** and supervision of civil, mechanical and electrical works acc. to **FIDIC Red Book**, in the town of Lezhe. Contractual Consulting (based on **PRAG** Conditions of Contract), Site Supervision, Site Supervision Mechanical and Electrical. Investment value: €1.5m. Approx. Managed a multidisciplinary team of 2 international and local experts. EC. Albania. 03-05/2003 (60 w/d).
- > **Wastewater Expert: TA for the Management and Supervision of ISPA Contracts in Pascani –Romania/ Wastewater Treatment Rehabilitation Project.** Support to the development of municipal utilities in Pascani and the over-all plans for regional development in the county of Iasi. The project consisted of two parts: i) Water Transmission Main between Motca and Pascani including all pumping stations, sumps and chlorination equipment and ii) Upgrades of the Wastewater Treatment Plant at Pascani and of key sewers. Investment value: €22m. Approx. Service value: €1.2m. Responsible for: **Detail Design**, ISPA proposal evaluation, Project Management, Site Supervision (**FIDIC Yellow Book**), **Tendering**, Tendering Consultancy, Training & Capacity Building. EC/ Central Finance and Contracts Unit (CFCU). Romania. 06-07/2003 (30 w/d).
 - > **Team Leader Water Supply /Procurement Expert: Water Supply Emergency Works, Gjirokaster.** Support to the improvements in improve water supply infrastructure (including wells, pumping stations, disinfection, reservoirs, ca 45 km transmission/ distribution lines) in the town of Gjirokaster. Managed preparation of **detail design, tender documents** acc. to PRAG and CESMM3 and construction supervision. Managed a multidisciplinary team of 9 international and local experts Investment value: €7m. EC. Albania. 08/2002 – 04/2003 (100 w/d).
 - > **Procurement Expert, Water and Wastewater Expert: Improvement of water supply and waste water situation in 18 municipalities.** Support to municipalities in the improvement of water supply and wastewater situation to conform with the EU Directives for potable water quality (Directive 98/83/EC and Directive 80/68/EEC), the EU Directive for Urban Wastewater Treatment (Directive 91/271/EEC and the Directive for the Protection of the Environment when Sewage Sludge is used for Agriculture (Directive 86/278/EEC). Responsible for project co-ordination, **design and preparation of tender dossiers** acc. to EC **PRAG** Rules; **FIDIC Red & Yellow Book**. Investment value: €42m. EC/ Ministry of Environmental Protection and Regional Development. Latvia. 12/2002 – 03/2003 (25 w/d).
 - > **Project Manager, Contract and Procurement Expert for Works/ Service Tender Evaluations under PRAG rules for EC financing:**
 - > **Technical Assistance to EC-D for Zarqa Water Project.** Service Tender Water loss reduction in Zarqa: Managing Jordan's scarce water resources in areas of concentrations of Iraqis (ca 950,000 inhabitants). Jordan. EC. 06/2010 - 12/2010 (22 w/d);
 - > **Wastewater Treatment and Sewage System-Torniszentmiklos Micro Region.** Works Tender for a wastewater treatment plant and sewage system in the Region of Torniszentmiklos serving for Hungarian and cross border Slovenian population. EC. Hungary. 05/2002 (22 w/d);
 - > **Upgrading of Water and Wastewater System in Iasi.** Works Tender Evaluation Pumping Stations: "Upgrading and Automating Pumping Stations, Iasi" (total ca 300,000 inhabitants). EC/ CFCU. Romania. 06/2002 (22 w/d);
 - > **Piatra Neamt Waste Management.** Service Tender. EC. Romania. 08/2002 (22 w/d).
 - > **Team Leader/ Procurement Expert: Expansion of Valga Water Network and Sewerage Valga.** Managed the preparation of **design documents** and **tender dossiers** in line with **FIDIC CoC (Red Book)** and ISPA standards for the expansion of water supply and sewerage system. Investment value: €4m. Managed a multidisciplinary team of 4 international and local experts EC. Estonia. 01 - 12/2002 (80 w/d).
 - > **Procurement Expert: WWTPs in Slovenje Gradec and Slovenska Bistrica.** Provided managerial and engineering services supporting the preparation of **tender documents** for WWTPs (**FIDIC Yellow Book**). Investment value: € 12 m (70 % ISPA funding). EC. Slovenia. 03-04/2002 (22 w/d).
 - > **Team Leader/ Procurement Expert: Rehabilitation of Urban Water Supplies and Sanitation II (WSS II).** Preparation and implementation of water sector improvement measures in 10 towns. Managed preparation of **Feasibility Study** (incl. **prioritisation of investment measures**), Preliminary Design, **Detail Design**, **Tendering**, **Procurement**, Institutional Strengthening. Managed a multidisciplinary team of 4 international and local experts Investment value: €18m. Approx. service value: €1.8m. European Agency for Reconstruction/ KfW. Kosovo. 12/2000 – 06/2001 (80 w/d).
 - > **Team Leader/ Procurement Expert: Shkodra Region – Water Supply.** Support for 4 villages located in the immediate surroundings of Shkodra, with no public water supply systems. Managed the full project cycle for the new infrastructure including wells, pumping stations, disinfection, reservoirs and transmission/distribution pipelines (total approx. 40 km): **Feasibility Study** (incl. **development of an investment programme**), Preliminary Design, **Detailed Design**, **Tender Documents**, Tender Evaluator (2 Works), Site Supervision (**FIDIC Red Book**). Managed a multidisciplinary team of 10 international and local experts. Investment value: €1m. Albanian Ministry of Public Works/Austrian Ministry of Foreign Affairs (ADA). Albania. 02/2000 - 12/2001. Albania (180 w/d).
 - > **Procurement Expert: Medicine Sans Frontier: Water Supply Kakac and Pirc.** Design and Tendering Phase Review of the technical tender documents for the planned rehabilitation of the water supply systems (total approx. 20 km of transmission/distribution mains, reservoirs) for the towns of Kakac and Pirc. Albania. 01-02/2000 (20 w/d).
 - > **Team Leader/ Procurement Expert: Water Supply of the Town of Lac.** Rehabilitation of the water supply system (pumping station, disinfection, total approx. 10 km transmission mains, reservoirs) of Lac, improvement

of infrastructure and management of the water works: Feasibility Study, Preliminary Design, Detailed Design, Tender Documents, Tender Evaluator (2 Works), Site Supervision (FIDIC Red Book). by provision of **advice in operational management**. Investment value: €8m. Managed a multidisciplinary team of 5 international and local experts Albanian Ministry of Public Works/ Austrian Federal Chancellery (ADA). Albania. 11/1999 – 01/2001 (90 w/d).

- > **Team Leader Water Supply/ Procurement Expert: Water Supply and Wastewater Infrastructure for the Towns of Saranda and Fier.** Improvement of the water supply and wastewater infrastructure in Saranda and Fier by means of identifying priority measures based on existing feasibility studies. Responsible for **Feasibility Studies Review** (incl. update of **investment measures**), Preliminary Design, **Detailed Design, Tender Documentation**. Managed a multidisciplinary team of 5 international and local experts. Investment value: €12m. Albanian Ministry of Public Works and Transport/ World Bank. Albania. 08/1998 – 04/2000 (90 w/d).
- > **Team Leader/ Procurement Expert: Improvement of Water Supply, Wastewater Infrastructure and Solid Waste Management** for the Town of Konjic Improvement and extension of the existing infrastructure of the town of Konjic, including water supply (disinfection, transmission/distribution pipes, reservoirs, water meters), wastewater (sewers), and solid waste measures (collection improvement measures). Managed the preparation of: **Feasibility Study** (incl. development of an **investment programme**), Preliminary Design, **Detailed Design, Tender Documents, Tender Evaluation, Tender Evaluator** (1 Works, 3 Supplies) Site Supervision (FIDIC Orange Book). Managed a multidisciplinary team of 10 international and local experts. Investment value: €12m. Open City Konjic, BiH/ Austrian Federal Chancellery (ADA). Bosnia and Herzegovina. 11/1998 – 02/2000 (180 w/d).
- > **Water Supply Expert: Sofia Water and Wastewater Concession Project.** Support to the Sofia (total population approx. 1,280,000) Water Works in the preparation of **tender documents** for the concessions for municipal water and sewerage services. Tasks: Due Diligence of Sofia Water Works status (physically, technically and financially). Bulgaria. 05/1998 (22 w/d).
- > **Wastewater Treatment Expert: Wastewater Treatment and Sewage System** for the Towns of Bovec and Kobarid. Extension of the existing sewage system and construction of wastewater treatment plants incl. sludge treatment for Bovec and Kobarid, to ensure sustainable development of the Triglav National Park. Responsible for Preliminary Design, **Detailed Design, Management Consulting, Concession Models**. Investment value: €6m. European Commission/ PHARE. 06-07/1998. Slovenia (30 w/d).

Date:	01/09/03 – 31/12/07 (946 w/d)	Location:	Bulgaria	Ref PB8
Company:	European Commission Delegation Sofia	Position:	Task Manager	
Reference Person:	Mr Ruud van Enk ruud.van-enk@ec-europa.eu			

Responsible for **overall management of €380m of EC funding**, including the Bulgarian ISPA (2000 - 2006) **environment program** in the sectors of water, wastewater, waste & air in the time period 09/2003 – 12/2006 and PHARE projects in the area of internal market (public finance, public administration reform, agriculture) in the time period from 01/2007 – 12/2007.

- > Assessing, reviewing, commenting and approving **feasibility studies, conceptual/ detailed designs and tender documents** in the Water Supply/ Wastewater and Waste Sector (urban and surrounding rural areas). Quality assurance of technical content and compliance with EU regulations.
- > Elaboration of approx. 25 **Terms of Reference** for Service Tenders.
- > Conception of ISPA Financing Memoranda for urban and rural areas in the water supply/ wastewater sector, incl. **procurement strategies**.
- > Active participation in service, works and supply tender evaluations following EC **PRAG rules**. Assessing and approval of tender evaluation reports for service, works and supply.
- > Contribution to planning, preparation, design and coordination of **environmental sector policies** and infrastructure, including project prioritisation and preparation.
- > Close cooperation with EU Contracting Authorities: Bulgarian Ministry of Environment & Water, Ministry of Regional Development & Public Works and Ministry of Finance.
- > Close cooperation with EC General Directorates (**DG REGIO, DG ENV, DG RELEX**).
- > Capacity building of Bulgarian line ministries with focus on compliance with EU regulations, **PRAG** and technical excellence.

Selected projects managed (according to PRAG):

- > Procurement and Management of five ISPA Environment Applications for funding by EC under structural funds in the water sector (amongst others for Sofia, Rousse and Bourgas).
- > Procurement, Management and Works Supervision (FIDIC Red Book) for Construction of six Waste Disposal Sites in regional capitals in Bulgaria.
- > Procurement, Management and Contract Supervision (FIDIC Yellow Book) for three Technical Assistance Contracts in 12 towns in Bulgaria and two Supervision Contracts for 9 towns in Bulgaria.
- > Procurement, Management and Works Supervision (FIDIC Yellow Book) for two Wastewater Treatment Plants and one Sewerage Network.
- > Procurement and Management for: 1x Wastewater Collection and Treatment Works Contract for 6 towns in Bulgaria; 2x Technical Assistance Contracts for integrated water projects for 6 towns in Bulgaria; 2x Technical Assistance Contracts for waste related projects in one town respectively 18 existing dumpsites situated in five regions of Bulgaria.

- > Institutional Strengthening for preparation and implementation of ISPA/ Cohesion and Structural Funds in the sector Environment.

Date:	03/1997 - 12/1997 (198 w/d)	Location:	Albania	Ref PB9
Company:	DI Klestil	Position:	Procurement Expert	
Reference Person:	office@klestil.co.at			

- > **Infrastructure Procurement Expert: Border Customs Office, Upgrading of Infrastructure.** Improvement and extension of the customs office area to the best available technology incl. infrastructure for water, wastewater, gas, electricity separated waste system and access roads Tasks: Consulting, Design, Tender Documents, Construction Supervision; application of ÖVGW standards. Austria/ Hungary. 03/1997 - 12/1997 (88 w/d).
- > **Procurement and Waste Expert: Caloric Power Plant Theiß – Upgrading of Infrastructure and Solid Waste Infrastructure Improvement** and extension of the caloric power plant in Theiß to the best available technology incl. infrastructure for water, wastewater, contaminated fluids, gas, electricity, mineral oil separators, access roads and construction of office facilities, garages and workshops; Design for a hazardous waste dumpsite for the products of the flue gas desulphurization plant of the caloric power plant of Theiß Tasks: Consulting, Design, Tender Documents, Construction Supervision. Public Enterprise for Electric Supply (EVN) Austria. 03/1997 - 12/1997 (110 w/d).

Date:	02/1995 – 12/1996 (440 w/d)	Location:	Austria	Ref PB10
Company:	DI Kernstock	Position:	Water Supply/ Wastewater Engineer	
Reference Person:	office@kernstock-zt.at			

- > Responsible for the **Design, Tender Documents**, Construction Supervision, application of ÖVGW standards (equal to DWA standards) for the expansion and rehabilitation of the existing drainage and water supply systems and reconstruction of the wastewater treatment plants including sludge treatment. Services provided to 5 municipalities).

15. Other relevant information: