

Curriculum vitae

Proposed role in the project: Expert:

1. **Family name:** Jakšić
2. **First names:** Darko
3. **Date of birth:** 13-01-1957
4. **Nationality:** Dutch
5. **Civil status:** married
6. **Education:**

Institution [Date from - Date to]	Degree(s) or Diploma(s) obtained:
Institute for Hydraulics and Environmental engineering- IHE Delft, the Netherlands 1992-1993	M.Sc. in Sanitary Engineering
Institute for Hydraulics and Environmental engineering- IHE Delft, the Netherlands 1991-1992	Postgraduate Diploma in Sanitary Engineering, (specialisation in wastewater)
University of Belgrade, Yugoslavia, Faculty of Civil Engineering, Department for Hydro-technique 1975-1983	B.Sc. in Civil Engineering

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

Language	Reading	Speaking	Writing
Croatian	Mother tongue	Mother tongue	Mother tongue
English	1	1	1
Dutch	1	1	1
French	3	4	5
German	3	4	5

Macedonian	2	3	4
Slovenian	2	3	4
Bulgarian	3	4	5

8. Membership of professional bodies:

- Member of Dutch STOWA commission for preparation of Wastewater treatment book for European Water Framework Directive
- NVA - Dutch Association for Water Management,
- EC registered expert in the Sixth Research Framework Program,
- Licensed civil engineer for designing, construction and supervision of hydro-technique objects(in former Yugoslavia)

9. Other skills: (e.g. Computer literacy, etc.)

Computer literate, programming for design of small wastewater treatment plant, Microsoft Office, different water technical software

10. Present position: Manager Water Projects, senior consultant

11. Years within the firm: 1

12. Key qualifications: (Relevant to the project)

M.Sc. Jakšić is recognised international expert in the area of water engineering. He has over 24 years of professional experience, which includes 8 years in CEE/Balkan countries. He had started his career in Belgrade, former Yugoslavia in 1984 as a sanitary engineer. After that he had been working for six years as engineer and project manager in contracting company in former Yugoslavia, including design, tendering, procurement, supervision and project management for sewerage, drainage and water supply pipelines, pumping stations, melioration, water tanks, water and wastewater treatment plants, and, as the head engineer of water department, had been active in planning of investment in water and wastewater infrastructure and overseeing logistic support.

After receiving his Master of Science degree in Sanitary Engineering in Delft in 1993 he has continued working in the Netherlands. He is presently senior water project manager of Dutch WWC Water and Wastewater Holding. At the moment he works on two waste water project in the Balkans. In first one, WWTP Subotica, financed by EBRD and EAR, he is engaged as design controller- Engineer FIDIC-Yellow Book, and in second as project manager for WWTP for Carlsberg brewery FIDIC(EPC -Turn-Key). Previously he worked as the manager of water technology in Delta(Evides) Dutch water company and as senior wastewater consultant-project manager in several best Dutch consulting and contracting companies often managing team composed of expatriates and local technical specialists. He has worked on a wide variety of water and wastewater projects in Europe covering all aspects and phases of projects as well as technical works as institutional arrangements. That includes project proposals, infrastructure investment planning, subsidized financing arrangements, due diligence of existing water structures, feasibility studies followed by design, tender documents, project management, start-up, commissioning and optimisation and maintenance of treatment plants operations. The list of projects includes different sewerage transport systems (e.g. for Zarkovo, Jakovo, Kumodraz in Serbia) and several water supply and sewage treatment plants in the Netherlands and CEE/Balkan. His expertise covers also industrial wastewater treatment for different industries (e.g. food, metal plating, petrochemical, textile), landfill wastewater treatment. Using his expertise in classic and advanced wastewater treatment technologies he has also worked as consultant for reuse of effluent and its recovery for indus-

trial purposes.

He has experience in preparation and execution of different, by EU(EBRD) or Dutch funds, subsidized projects (e.g. Life, PSO, BSRI) including project management, reporting and overseeing administrative support. He is acquainted with FIDIC tender procedures. He participated in STOWA research project for preparation of Wastewater Treatment Book for EU Water Framework Directive. He has been actively involved in organization of many international seminars, lectures and workshops for environmental protection and water technology (e.g. Ohrid in FRYM, UNESCO-IHE, Delft, the Netherlands, Oxford UK). He was registered EC expert in the Sixth Research Framework Programme, FP-6 and he has promoted different new technologies (e.g. aerobic granulation in combination with bio-augmentation for nitrogen removal) for protection of water resources.

13. Specific experience in the WBC region:

Country	Date from - Date to
SFR Yugoslavia	1984-1991
Serbia & Montenegro	1996; 2001; 2006, 2007(intermittent)
FRYM	2000-2001(intermittent)
Croatia	1995-97; 2001; 2005; 2006(intermittent)
Bosnia and Herzegovina	2006(intermittent)

14. Professional experience

Date: from (month/year) to (month/year)	April 2006-date
Location	Terneuzen, the Netherlands
Company / Organisation	WWC Water and Wastewater Holding BV , 4535 AZ Terneuzen, The Netherlands
Position	Manager water projects - senior consultant
Job Description	Developing optimal solutions for domestic- and industrial water-wastewater systems based on technical and technological know-how and acquis communautaire; Project launching & management & control & assessment; International team coordination, Preparation of feasibility studies & proposals for subsidized financing of water projects. FIDIC: design and engineering control for water projects, project management.
Date: from (month/year) to (month/year)	October 2001–April 2006
Location	Middelburg& Rotterdam, the Netherlands

Company / Organisation	Delta Water Company of Dutch Province of Zeeland merged with Water Company Europort , Rotterdam in new Water company - Evides N.V. Rotterdam, The Netherlands
Position	Manager water technology – Senior water specialist
Job Description	Advising company directors, clients and local communities about optimal solution for domestic- and industrial (waste)water systems based on technical and technological know-how and acquis communautaire.; International project team coordination; The planning of investment in wastewater and sewerage infrastructure incl. project launching, feasibility studies, due diligence & project management & assessment. Development of institutional arrangements for the implementation of medium to large scale investment in water supply, sewerage and wastewater treatment; Financing; Conceptual system design and control of system design; Cost estimates; Bid evaluations; The operation and maintenance of wastewater treatment facilities; Optimization of operations.
Date: from (month/year) to (month/year)	May 1998- October 2001
Location	Terneuzen, the Netherlands
Company / Organisation	Bravenboer & Scheers B.V., Grontmij Group , Terneuzen, The Netherlands
Position	Project manager water
Job Description	Project management; Managing a project team composed of expatriates and local technical specialists; Preparation of project master-planning proposals; Process development and system design; Consultancy for domestic- and industrial-(waste)water systems; Water loop closure; Acquisition & Sales; Procurement; Bid evaluations.
Date: from (month/year) to (month/year)	December 1994- April 1998
Location	Piershil, the Netherlands
Company / Organisation	Stork Bosman B.V.; Stork Group , Piershil, The Netherlands
Position	Senior wastewater specialist
Job Description	Process development, design and engineering; Tender documents; Consultancy for domestic- and industrial wastewater systems.
Date: from (month/year) to (month/year)	June 1993 – July 1994
Location	Nijmegen, the Netherlands
Company / Organisation	Envimag B.V; Piershil, The Netherlands

Position	Project Leader
Job Description	Project management; Consultancy for domestic- and industrial (waste)water systems; Process development and system design; Tender documents; Bid evaluations.
Date: from (month/year) to (month/year)	November 1992 – May 1993
Location	Delft, the Netherlands
Company / Organisation	Resource Analysis , Delft, the Netherlands
Position	Researcher
Job Description	Computer modelling and software testing
Date: from (month/year) to (month/year)	June 1986 – October 1992
Location	Belgrade, Yugoslavia
Company / Organisation	Neretva , Belgrade, Yugoslavia
Position	Project Engineer than Head engineer
Job Description	Department organization and planning; Project management; Superintendence; Procurement; Design; Technical specifications; Tender documents; Cost estimates; Control of subcontractors: supervision, control of design, bids, technical specifications, tender documents, quality and quantity surveying.
Date: from (month/year) to (month/year)	October 1984 – June 1986
Location	Belgrade, Yugoslavia
Company / Organisation	Institute for communal hygiene, VMA , Belgrade, Yugoslavia
Position	Sanitary Engineer
Job Description	Consultant, Lecturer in water purification and researcher in water resource protection.

15. Other relevant information (eg. publications, training, seminars, workshops)

2005, Delft, the Netherlands.

UNESCO-IHE:

Workshop organisation: Design of wastewater treatment plant.

2005 Brussels, Belgium.

ECV, European Construction Ventures Ltd:

FIDIC Contracts Training Course.

2005 Rotterdam, the Netherlands.

Water forum online (web):

Publication: Aerobic Granulated Sludge Application in wastewater treatment.

2002 and 2003: Oxford, UK.

University of Oxford:

International Workshop on membrane application in water and wastewater industry, Critical Flux.

2002, Goes, the Netherlands.

SRS Consulting:

Course: Time Management.

2001, Ohrid, FYRM.

Bravenboer and Scheers-Grontmij, EMO-Ohrid:

Seminar organisation and presentation: Environmental pollution control in industry for metal-surface protection.

2000, Delft, the Netherlands.

IHE, Delft:

Course: Advanced application of membranes in drinking- and wastewater.

1999 Amsterdam, the Netherlands.

Centre for Professional Advancement:

Course: "Industrial Membrane Separation Technology".

1998: Breda, the Netherlands.

UMIST-University of Manchester Science and Technology:

Course: Water savings with pinch technology.

1997: Appeldoorn, the Netherlands.

Technotrans Institute for Technology Transfer:

"Membrane Bioreactor in Water Treatment".

1997: Ede, the Netherlands.

Technotrans Institute for Technology Transfer:

"Sludge Treatment Technology".

1996: Amsterdam, the Netherlands.

Aquatech, International Conference:

"Advanced Wastewater Treatment".

1996: Piershil, the Netherlands.

Stork Training:

Course: TQM1-Total Quality Management 1.

1995: Utrecht, the Netherlands.

NVA conference:

"Modelling of activated sludge processes".

1994: Cernice Castle, Bechyne, Czech Republic.

7th European Junior Scientist Workshop: **"Integrated Urban Storm Runoff"**

Publication: "Two dimensional sedimentation in one dimensional model".

1992: Agricultural University, Wageningen, the Netherlands.

"Operation and maintenance of Waste Water Treatment Pilot Plants".

Workshop: biological P removal, bulking of activated sludge, respiration and com-

puter simulation, design of waste water treatment plant.

1992: Amsterdam, the Netherlands.

Aquatech, International Conference: "Sewage into 2000.":

Developments and upgrading in sewerage and waste water treatment.

1991: Belgrade, Yugoslavia.

Association of Civil Engineers of SFR Yugoslavia,

State Examination in the field of Civil & Hydraulics engineering for the degree of Licensed Engineer.

1990: Kopaonik, Yugoslavia.

Association for Water Technology, KSB, FLYGT:

Seminar: "Design of pumping stations".

1989: Krk, Croatia.

Waterworks of Krk and Belgrade, Association for Water Technology and Energoprojekt, Belgrade.

Seminar: "Application of computer in water engineering"-WESNET software.

1986: Nis, Yugoslavia,

Publication (co-author): Health risk of chemical pollution of water