

## CURRICULUM VITAE

- 1. Name:** Joke  
**2. Nationality:** Dutch  
**3. Place of Residence:** Netherlands  
**4. Education:**

Date (from – to)	Institution	Degree(s) or Diploma(s) obtained:
1982-1986	Eindhoven University	M.Sc. in Environmental Engineering (Chemical Technology)
1980-1982	Eindhoven University	B.Sc. in Chemistry

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

Language
Dutch
<b>English</b>
German
French
Spanish

**6. Membership of professional bodies:**

VVM (Environmental Professionals), Waternetwerk (Water Professionals), ENEP (European Environmental Professionals), cWF (cooperation WaterFocus, independent experts in water sector), Soroptimists International (NGO)

**7. Other skills:**

- Excellent communication and networking skills, integrity, pragmatic, result driven, organizer and organizational sensitive, good, open and honest communicator (on paper and verbal), flexibility, analytical.
- Experienced trainer, facilitator and coach.
- Experienced computer user (e.g. Windows Office applications, MS Project, statistical applications).
- Trainings and courses followed: Communication trainings, Process facilitating skills, Presentation techniques, Marketing trainings, Management trainings, Group mediation and facilitation, Different technical trainings (ISO14001), IPM roles training, training about PRAG rules/ToR writing, international water management, use of LinkedIn and social media in the water sector.
- Active in the international NGO organization of the soroptimists international.
- Active in Gilde Samenspraak: teaching foreigners Dutch verbal language.

**8. Present position:**

Independent Senior Consultant Environmental & Water Management & Governance.

**9. Key qualifications:**

Ms. Van Dijk is a senior water (governance) expert with more than 25 years of experience in advising water management authorities, primarily in Netherlands on the water policy issues, for example related to comply with the EU water directives. She has experience in promoting mechanisms and assisting institutions in facilitating investments in the water sector. In the past 10 years, she has served as Team Leader of various international projects to assist water authorities in developing water strategies and policies. She has assisted governmental authorities in building the capacity of their environmental permit and enforcement units. For 12 years, she worked for the Dutch government -4 years for the Ministry of Environment, 2 for the environmental authorities of the Island of Curacao, and 6 for a regional water authority in charge of all investments in water management infrastructure. She also has 12 years of experience

as consultant, advising authorities on the implementation of water legislation (like the WFD) in Netherlands and abroad in Romania, Moldova, Croatia, Slovenia, Hungary, Jordan, Egypt, Tunisia, Libya, Morocco, Oman, Philippines, India, Ghana and Cameroon. She has studied the water management sectors in most EU countries and can help to set up the appropriate strategy, policy and organizational structure. She is well aware of the Dutch governance and financing of the water sector (“waterschapsmodel”), which is highly regarded internationally as a sustainable and unique system. On a technical and practical level, she can also advise on water quality monitoring, sampling, and analysis. She has good insight in the compliance and pollution profiles of main polluter categories (industries, small enterprises, agriculture, households, municipalities (sewage overflows)). Since 2004, she has been involved in implementing the European Water Framework Directive in Netherlands. Ms. Van Dijk is the publisher and editor of a national handbook on waste water management.

Mrs. Van Dijk was the Team Leader of the EU funded project in Jordan with the goal to implement a National Water Information System. The approach started with an extensive planning phase, the upgrading of the Water Information System in the water sector (3 entities), followed by integration with the data (providers and users) of the other water related institutions. She is very aware of the contents and challenges towards a successful DSS/information system in a water scarce country.

Relevant is further the work that Mrs. Van Dijk has done in the last 20 years related to the implementation of several Water Information Systems for different regional and the national water authority(ies) in Netherlands. She worked with the different user groups : policy makers, licencing officers, enforcement officers, levy calculators, water quality and quantity managers, managers of incidents and calamities. She arranged user platforms, prepared system requirements documents, arranged and evaluated system test pilots and was a member of the management board for the implementation and continuous improvement of different Water Information Systems (Waterpro, WVODAM, WvoInfo).

Social skills and competence:

Mrs. van Dijk is a pleasant person capable to work with different cultures and in different settings and with her flexible approach creates commitment and reaches the needed results. She’s triggered by finding tailored and practical solutions for occurring water problems and combines field visits and theoretical evaluation to reach the best results. In a short period of time she’s is capable of judging peoples’ talents and improvement of their leadership skills. Competences: integrity, pragmatic, result driven, organizer and organizational sensitive, good, open and honest communicator (on paper and verbal), flexibility, analytical.

Technical skills and competence:

Mrs. van Dijk has been involved in all environmental fields: water, waste, air, occupational health and safety but is especially a waste water and water governance expert. She has a good insight in the waste water profiles of main polluter categories (industries, small enterprises, agriculture, households, municipalities (sewage overflows)), the related measuring, monitoring and analytical methods and techniques and the technical solutions that can be applied to reduce pollutants (WWTP’s or other dedicated techniques). She gained experience in environmental auditing, environmental permit preparation, environmental assessment, compliance auditing, monitoring, criminally and judicially enforcing permits and environmental levy systems. She has a thorough understanding of pollution laws in Netherlands. Since 2004, she is involved in implementing the European Water Framework Directive in Netherlands, also on the level of coaching involved water institutions. She has good training skills and is experienced in the preparation of training material. She’s applying this as trainer for Geoplan, writer for the ‘Kennisbank omgevingsrecht’ and as trainer and facilitator of international delegations.

Organisational skills and competence:

Mrs. van Dijk has been much involved in the coordination of various environmental institutions. With her wide experience as a team leader and good organizational skills she can be an excellent project manager of different kind of projects. She’s familiar with the PCM principles.

Training skills and competence:

Mrs. van Dijk has prepared and executed different trainings for different target groups. Topics of these training and presentations have been the IED (industrial emissions directive, on regular basis), water governance, legal frameworks, policy preparing and evaluation processes, waste water purification techniques, water education programs.

**10. Specific experience in the region:**

Country	Date (from – to)
Netherlands	5/2016 till 8/2016
Jordan	12/2015 till April 2017
Ghana	09/2015 ongoing till 2020
Sri Lanka	2016 ongoing
India	6/2015
India	01/2015-02/2015
India	2015 ongoing

India	2015 ongoing
Romania	4/2015
Moldova	6/2015
Romania	4/2015
Latvia	7/2015
Moldova	3/2015
Netherlands	4/2015, 5 years ongoing
Romania	11/2014
Romania	11/2014
Croatia	03/2014
Oman	09/2014 – 04/2015
Netherlands	08/2014
Libya	04/2014-06/2014
Oman	08/2014
Netherlands	11/2013- 11/2014
Nigeria	06/2013
Netherlands	01/2012 – 12/2013
Romania	6/2012- 11/2014
Netherlands	8/2012
Romania	01/2011
Libya	10/2010
Netherlands	2006-2007
Netherlands	2007-2008
Netherlands	04/2006
Netherlands	11/2009
Netherlands	2002 - 2011
Netherlands	2002 - 2011
Netherlands	2006
Netherlands	2002 - 2011
Libya	06/2008
Libya	01/2010-04/2010
Romania	2010-2012
Egypt	2005
Netherlands	1997 - 2001
Netherlands	1995-1996
Netherlands	1992 - 1995
Hungary	1995
Romania	1993 - 1995
Tunisia	1993 - 1995
Netherlands	1994 - 1995
Netherlands	1988 - 1992
Netherlands	1986 - 1988

## 11. Professional experience

Date (from – to)	Location	Organization	Position	Task, Assignments, Achievements
5/2016 till 8/2016	Netherlands	WaterWorks 2015 Call Secretariat R. Munhá <a href="mailto:ww2015@fct.pt">ww2015@fct.pt</a> [+351] 213 911 538	Senior water governance expert	<b>Coordination Team of the ERA-NET Cofund WaterWorks 2015-2020, ERA-NET &amp; JPI group, Department of International Relations, supported by the European Commission</b> Part of the experts group for the evaluation process of Joint Call related to Water RDI domain covering the agriculture, forestry and freshwater fisheries sectors.
12/2015 till April 2017	Jordan	Ministry of water and irrigation, Mr. M. Bany Mustafa Mk_mb@mwi.gov.jo +962798505454	Team leader, water business expert	<b>Development of a national water information system – European Neighbourhood Policy (ENP) funding</b> The goal of the project is developing a National Water Information System (NWIS) that can help with decision making in a water scarce country like Jordan. Not only the national water institutions are involved but also all relevant stakeholders (like the ministries of agriculture, environment, statistics, meteorological institute etc). The international contracting consortium consists of Eptisa, Safage and ECOconsult.
09/2015 ongoing till 2020	Ghana	Bolk Institute & Municipality of Accra & Water Focus & Others Mrs. M. Meeuwissen, margo.meeuwissen@waterfocus.nu +31623860704	Senior Water Governance Expert, Urine collection expert	<b>Upgrading of the Water Chain – subsidy program WASH 3 (Dutch Ministry of Economics), Bank Loans</b> Within this project the goal is to upgrade the (waste) water chain through better waste water management and sanitation and the production of high level compost (with the production of struvite). In the project responsible for compliance with all legislation to make an professional approach possible. New work methods will be introduced to the local municipality, water governance practises.
2016 ongoing	Sri Lanka	Sri Lankan water advise, Mr. B. Gamagedara, +31651723010	Water expert, business developer	<b>Coaching of Sri Lankan/Dutch water &amp; ecology expert</b> Back office support to this entrepreneur related to consultation related to local projects like about solutions for water problems like contamination of deep wells, water quality, water governance, etc.

6/2015	India	Dutch Ministry of Economics and the Dutch ministry of foreign affairs Mrs. M. Acharya Acharya, Maya <a href="mailto:maya.acharya@minbuza.nl">maya.acharya@minbuza.nl</a> 0091-11-24197607 Mr. H. Maas <a href="mailto:H.maas@nwp.nl">H.maas@nwp.nl</a> +31657935830	Senior Water Governance Expert	<b>Water Governance - Dutch Ministry of Economics, Ministry of Water Resources India</b> Participant in the flagship mission of the Dutch PM and ministers to Delhi and Mumbai, India. Invited to present a mission and vision paper on <b>water governance</b> related to the water quality challenges of the Ganga River in UP and MP.
01/2015-02/2015	India	Cyan Holding B.V., Mr. B. Jajairam, <a href="mailto:cyanholding@gmail.com">cyanholding@gmail.com</a> , +31 6 85 813 911 Mr Sunil Kumar <a href="mailto:Sunilkp90@yahoo.co.in">Sunilkp90@yahoo.co.in</a>	Water Expert, Business Developer	<b>Business Development Mission – Cyan Holding B.V.</b> Visiting governmental and private institutions, universities: holding interviews and giving presentations about different aspects of <b>water management</b> like dredging, education, harbour development, water and food.
2015 ongoing	India	University of Mysore & Cyan Holding BV Mr. B. Jajairam (as above)	Project Manager, Senior Consultant	<b>Water Education Program – University of Mysore, World Bank, UNESCO IHE</b> Implementation of the Dutch available water education ( <b>like WFD</b> ) in India, at different Universities and Ministries and Colleges. Preparing of the study programs, selection of trainers, partly trainer in India, monitoring of results.
2015 ongoing	India	KSA Private Ltd India & Cyan Holding BV Mr. B. Jajairam (as above)	Project Manager, facilitator	<b>Water and Food Project– KSA Company, 2 Indian Bank Loans</b> Dairy project in which Dutch knowledge and technology will be implemented and innovation will be introduced to produce different dairy products. <b>Advise on integrated water management.</b> Project management from the Dutch side. Team coaching.
4/2015	Romania	Business Development Group Romania Mrs Florentina Nanu <a href="mailto:florentina.nanu@bdgind.ro">florentina.nanu@bdgind.ro</a>	Project Manager	<b>Climate Change Influence on Growing Cities – EU Horizon 2020</b> Preparation of a Horizon 2020 water and climate change project. Project development. Proposal writer.
6/2015	Moldova	EU coordination office for technical cooperation, Swiss and Austrian donors Mr. G. Schaumberger Gerhard <a href="mailto:Gerhard.Schaumberger@ada.gv.at">Gerhard.Schaumberger@ada.gv.at</a> +373 (22) 73 93 70	Senior consultant	<b>Position paper about the approach of water sector reform – EU special program</b> The Moldovan water sector needs a reform and get in harmony with the challenges of the <b>WFD</b> , as mentioned in the accession agreement. Writer of position paper and adviser of the donor and taskforce water sector reform.
4/2015	Romania	Business Development Group Romania & IWSS & Smart Interim Mrs Florentina Nanu <a href="mailto:florentina.nanu@bdgind.ro">florentina.nanu@bdgind.ro</a>	Project Manager, Senior Consultant	<b>Water and Energy, Energy Factory Concept – Dutch Partners for Water Program, Ministry of Economics</b>

				Preparation of an energy and water project related to the upgrading of WWTP's. Project development. Proposal writer.
7/2015	Latvia	Embassy of the Kingdom of Netherlands in Latvia Mr. Oskars Gruzīņš <a href="mailto:Oskars.Gruzins@minbuza.nl">Oskars.Gruzins@minbuza.nl</a> T: (+371) 67326147	Senior consultant	<b>Business development mission</b> Visiting local governmental institutions and private companies related to the challenges on water quality and flood management of the Baltic rivers.
3/2015	Moldova	IWS consult and Puritec and Dutch embassy of Romania Mrs Violeta Cozianu – Dutch Embassy Romania, <a href="mailto:violeta.cozianu@bdgind.ro">violeta.cozianu@bdgind.ro</a>	Senior Consultant	<b>Water Business Development Mission – Own Financing &amp; Dutch Ministry of Economics</b> Presentations about <b>water- and environmental governance</b> for different Moldovan Governmental Delegation and Institutions.
4/2015, 5 years ongoing	Netherlands	Waterfocus & UNESCO IHE & Clingendael Institute Mrs. M. Vervoorn Waterfocus <a href="mailto:marjo.vervoorn@waterfocus.nu">marjo.vervoorn@waterfocus.nu</a> T: +31 (0)6 24 96 89 07	Trainer	<b>Water Governance Training – MATRA Program</b> Trainer on <b>water governance</b> , waste water technology, <b>water management, IWRM</b> for 25 governmental employees from the water sectors. <b>Training in water management, water governance</b> in cooperation with Clingendael Institute and UNESCO IHE.
11/2014	Romania	Business Development Group Romania Mrs Elena Tuchiu, Apele Romane, <a href="mailto:elena.tuchiu@rowater.ro">elena.tuchiu@rowater.ro</a>	Senior Consultant	<b>International Conference - Apele Romane Romania</b> Lecturer on International Basin Organization conference (INBO), about 40 countries were present.
11/2014	Romania	Business Development Group Romania Mrs Elena Tuchiu, Apele Romane, (as above)	Senior Consultant	<b>International Conference - Apele Romane Romania</b> Lecturer on international conference of the Hydrological Institute Romania about the follow up of the cost recovery project.
03/2014	Croatia	NWP The Hague Mrs. S. Tietema <a href="mailto:s.tietema@nwp.nl">s.tietema@nwp.nl</a> 003170 304 3707	Senior Consultant	<b>Business Development of Dutch Water Sector – NWP (Netherlands Water Partnership)</b> Presentation on Dutch Water Sector during trade mission, <b>water governance</b> .
09/2014 – 04/2015	Oman	Majis Mr. Al Sadi <a href="mailto:abdullah.al-sadi@miscoman.com">abdullah.al-sadi@miscoman.com</a>	Senior Consultant	<b>Waste Water Management Infrastructure</b> – Water company Majis, Kingdom of Oman Assessment of performance of water purification installations and new waste water configuration, National Water Company Majis. Advise about future planning strategy.
08/2014	Netherlands	Fountain Water (UK) & Dutch institutions Mr. A. El Yakub <a href="mailto:e.audu@ftnwater.com">e.audu@ftnwater.com</a> +2347055130930	Team Leader & Consultant	<b>Water Study Tour - Nigerian Ministry of Water Resources</b> Coordination and organization of a study tour on Dutch examples of cooperation in the water

				sector, <b>IWRM</b> and related the Dutch Nigerian water task force for a Nigerian Delegation of the Ministry of Water Resources and the (11) <b>River Basin Development Organisations.</b>
04/2014-06/2014	Libya	Puritec and Libyan Petroleum Institute Mr. A. Elhenshir +218 927945855	Team leader & Consultant	<b>Feasibility Study on Waste Water Purification Techniques – Libyan Petroleum Institute</b> Feasibility study in Libya on waste water purification techniques and approach of produced water of the oil and gas industry.
08/2014	Oman	DCMR Netherlands & SEU Oman Mr. D. Jansen <a href="mailto:Dick.jansen@rhdhv.com">Dick.jansen@rhdhv.com</a> +62 21 750 4605	Consultant	<b>Integrated Water Management Assessment – Environmental Services Organisation</b> Rotterdam, Kingdom of Oman Assessment on sustainable waste water management & integrated water management assessment in Sohar Industrial Port Oman, Sohar Environmental Unit.
11/2013-11/2014	Netherlands	UNESCO IHE Netherlands Mrs. V. de Oliveira <a href="mailto:v.deoliveira@unesco-ihe.org">v.deoliveira@unesco-ihe.org</a> T: +31(0)15 2151857	Team Leader & Consultant	<b>Training Water Management &amp; HSE - Libyan Petroleum Institute</b> Training a Libyan candidate in health, safety, <b>environmental management, ground water management, water management, water governance,</b> waste water technologies.
06/2013	Nigeria	Nigerian Ministry of Water Resources Mrs. Ochepke +2348036290437	Senior Consultant	<b>Water, a Critical Resource (Conference) – Nigerian Ministry of Water Resources</b> Lecturer at Nigerian conference on water governance, 'water, a critical resource', ministry of Water Resources.
01/2012 – 12/2013	Netherlands	Geoplan (Training Institute) L. Stapper +31 (0) 885560570	Trainer	<b>Training about EU industrial emissions guideline - Geoplan</b> Training about the new legislation, being the integration of the IPPC legislation with other legislation and regulations.
6/2012-11/2014	Romania	Ecorys, VNG International, Dutch Water Association Mrs Florentina Nanu (BDG Group Romania) <a href="mailto:florentina.nanu@bdgind.ro">florentina.nanu@bdgind.ro</a> Mrs Violeta Cuzianu (Dutch Embassy Romania) <a href="mailto:Violeta.cozianu@minbuza.nl">Violeta.cozianu@minbuza.nl</a>	Team Leader & Consultant	<b>Cost Recovery (art 9 WFD) – Dutch Ministry of Economics &amp; Others</b> Development of a cost recovery model related to flood protection in Romania. The principle of cost recovery related to water services is a main principle in the <b>WFD</b> . For this, all aspects of execution of for example river basin management tasks need to be investigated and costs and revenues need to be taken into account.
8/2012	Netherlands	Dutch Water Authority Scheldestromen Mr. A. Meeuwse +31 (0) 88 99 95 800	Senior Consultant	<b>Waste Water Infrastructure – Dutch Water Authority Scheldestromen</b> Survey (report check) of audit of the sewage system in Bonaire.

01/2011	Romania	Royal Dutch embassy in Romania, Mrs. V. Cozianu <a href="mailto:Violeta.cozianu@minbuza.nl">Violeta.cozianu@minbuza.nl</a> +40 21 208 6030	Senior Consultant	<b>Delegate and lecturer at an economic mission of the Dutch water sector in Romania.</b>
10/2010	Libya	Libyan Petroleum Institute Mr. A. Elhenshir +218 927945855	Senior Consultant	<b>Integrated Pollution Prevention Control (IPPC) Workshop – Libyan Petroleum Institute</b> Workshop about the ins and outs of the IPPC approach content and process/procedure wise, information is shared about the BAT (best available techniques) documents.
2006-2007	Netherlands	Water authorities, ministry of Water Management, Van Dijk Water Management BV	Senior Consultant	<b>Implementation of European Legislation – Private Companies, Governmental Institutions</b> Senior consultant in different projects for the implementation of the <b>European IPPC (Integrated Pollution Prevention Control - IPPC) Directive and the Water Framework Directive (WFD)</b> in Dutch industries related to the (waste) water aspects for different District Water Authorities: <ul style="list-style-type: none"> <li>• Netherlands: Water District Of Province of North Holland in charge of the main dischargers of waste water to the Dutch National Rivers (2006 &amp; 2007): <ul style="list-style-type: none"> <li>○ Coaching of the investigation team.</li> <li>○ Presentations for the client team.</li> <li>○ Support to the Team Leader related to specific water aspects or related to complex industries (steel industry, pharmaceutical plants, chemical industries, cocoa storage plants, etc.).</li> <li>○ Reporting of executed case studies.</li> </ul> </li> <li>• Netherlands: District Water Authority in the South of the Country, Limburg (2006 &amp; 2007): <ul style="list-style-type: none"> <li>○ Judgement of applications for licenses and formulating of licenses (for so called “IPPC” industries).</li> </ul> </li> <li>• Netherlands: District Water Authority in the East of the Country, Arnhem (2006 &amp; 2007): <ul style="list-style-type: none"> <li>○ Coaching of the Implementation Team.</li> </ul> </li> </ul>



				<p>The coaching focused on the aspects of the control and enforcement of the so called "IPPC" licenses/industries.</p> <ul style="list-style-type: none"> <li>• Netherlands &amp; Hungary: Integrated Pollution Prevention Control (IPPC) – Water theme mission support (mainly from Netherlands &amp; 1 mission to Hungary) to the IPPC implementation team, about specific water chain questions (evaluation if and how IPPC legislation is applicable) (2006 - 2007). <ul style="list-style-type: none"> <li>○ Evaluation of technical matters.</li> <li>○ Evaluation of documents.</li> <li>○ Presentation and discussions.</li> </ul> </li> <li>• Israel: strategy for implementation of the IPPC legislation and approach (2006 - 2008) <ul style="list-style-type: none"> <li>○ Support to the local IPPC Implementation Team in answering specific questions related to complex topics, mostly considering technical measures needed for certain industries (content related).</li> <li>○ Participation in the process team to advice on the process route needed to implement this legislation in Israel, starting from scratch.</li> </ul> </li> </ul> <p>The implementation was done in cooperation with about 15 different stakeholder groups (process related).</p>
2007-2008	Netherlands	DHV, Mr. Schenk <a href="mailto:epschenk@kpnmail.nl">epschenk@kpnmail.nl</a> +31 (0) 611755613	Senior Consultant	<p><b>Implementation of European Legislation – Water Authorities</b></p> <p>Senior consultant in projects for defining of the implementation strategy on the Water Framework Directive and the European Pollutant Release and Transfer Register (E-PRTR) for different Water Authorities.</p>
04/2006	Netherlands	DHV, Mr. Schenk	Senior Consultant	<p><b>IWRM Principles, Water Governance – World Bank</b></p> <p>Coordination and organization of a study tour on wastewater levying systems for a Philippine delegation from Laguna Lake Development Authority in the framework of World Bank's funded Laguna de Bay</p>

				Institutional Strengthening and Community Participation Project. <b>Advice on IWRM principles and water governance.</b>
11/2009	Netherlands	DHV China, Mr. Th. Henckens	Team Leader, Senior Consultant	<b>Environmental and Water Legislation, Water Governance - EU</b> Coordination and organization of a study tour on coordination mechanisms between environmental and water legislation and permitting and enforcement for a Chinese delegation from the EU-China River Basin Management Program of the Yellow and Jangtze river.
2002 - 2011	Netherlands	DHV BV, Mr. Schenk	Team Leader, Senior Consultant	<b>Implementation of National or European Legislation – Dutch Ministry of Spatial Planning and Environment, Ministry of Water Management and Transport, Water Authorities</b> <ul style="list-style-type: none"> <li>• For various water authorities, evaluated the <b>implementation of National and European legislation</b> on WWTPs; inspected all installations and reported on the results in a strategic view report for the board of directors on how to comply with future European requirements.</li> <li>• For the Ministry of Spatial Planning and Environment, evaluated the impact of the law on environmental management (Wet milieubeheer) on an integral approach concerning institutional, environmental, technical and financial effects.</li> </ul> For RIZA (Institute for Inland Water Management and Waste Water Treatment), assessed the permitting framework on wastewater discharges, water abstractions and environmental control measures in the Water Management Act, the Surface Water Pollution Act and the Groundwater Act, for preparing a new Integrated Water Act in Netherlands.
2002 - 2011	Netherlands	DHV BV, Mr. Schenk	Team Leader	<b>Water Governance Aspects and Facilitation of Investments and Planning in Water Infrastructure – Dutch Ministries</b> <ul style="list-style-type: none"> <li>• For the Directorate General of Public Works and Water Management, implemented surveillance surveys of</li> </ul>

				<p>industrial wastewater discharge.</p> <ul style="list-style-type: none"> <li>• For RIZA (Institute for Inland Water Management and Waste Water Treatment), prepared a manual for wastewater levying for the Water Boards in the Country. The manual covers legal procedures, procedures for self-monitoring of wastewater flows and pollution, determination of pollution loads and inspection programs for wastewater levying.</li> <li>• For the Water Boards of Groot Salland and Fryslan, prepared an inspection program for wastewater levying based on a risk assessment of incorrect declarations, non-representative pollution measurements and changes in wastewater discharge.</li> <li>• For various water authorities, developed an implementation strategy on the <b>Water Framework Directive</b> and the European Pollutant Release and Transfer Register (E-PRTR).</li> <li>• For various water authorities, implemented the wastewater aspects of the European IPPC (Integrated Pollution Prevention Control) Directive in Dutch industries.</li> </ul> <p>Wastewater and water management, water governance aspects, planning for water and wastewater infrastructure.</p>
2006	Netherlands	DHV, Mr. Schenk	Senior Consultant	<p><b>Environmental Impact Assessment - Dutch Water Authorities Association</b></p> <p>Estimated the costs of the mitigation measures required to protect water resources.</p>
2002 - 2011	Netherlands	DHV BV, Mr. Schenk	Interim Manager	<p><b>Wastewater Management and Planning of Infrastructure Investments, institutional development, water governance – Dutch Water Authorities</b></p> <ul style="list-style-type: none"> <li>• For various Dutch Water Authorities, prepared plans for reorganising departments such as permitting, enforcement and policy and legal affairs. <b>Mainly, an approach meeting with integrated water basin management had to be implemented.</b></li> </ul>

				<ul style="list-style-type: none"> <li>Wastewater management and planning.</li> </ul> <p>Institutional development and water governance.</p>
06/2008	Libya	Royal Dutch embassy in Libya, Van Dijk Water Management BV	Team Leader	<p><b>Environmental conference lecturer – own finance</b></p> <p>First environmental congress in Libya for Wastewater Levying Systems and Facilitation of Investments in Water Infrastructure. Conducted a market survey on environmental issues and identified the mechanisms that could facilitate investments in the water sector.</p>
01/2010-04/2010	Libya	Van Dijk Water Management BV & Manager BV, Manaer B.V. Mr. M. El Basier <a href="mailto:info@manaer.com">info@manaer.com</a> +31 (0) 651421570	Senior Consultant	<p><b>Environmental Impact Assessment (EIA) – Libyan Oil company</b></p> <p>Preparation of an Environmental Impact Assessment (EIA) for an oil production company at the Ghadames site in Libya.</p>
2010-2012	Romania	Business Development Group Romania Mrs Elena Tuchiu, Apele Romane, <a href="mailto:elena.tuchiu@rowater.ro">elena.tuchiu@rowater.ro</a>	Team Leader, Senior Consultant	<p><b>Water Infrastructure, Planning and Governance – Apele Romane Romania, Ministry of Environment and Climate Change</b></p> <p>Wastewater Levying Systems and Facilitation of Investments in Water Infrastructure for an economic mission of the Dutch Water Sector in Romania.</p> <ul style="list-style-type: none"> <li>Advised on the investments in infrastructure required to comply with the water directives.</li> </ul> <p>Advised the Government of Romania on the strategic planning of water infrastructure investments required to improve water management related to flood protection.</p>
2005	Egypt	DHV BV, Mr. Van Lierop	Senior Consultant	<p><b>Waste Water Solutions (Pollution, Resource Management, Governance) – African Development Bank</b></p> <ul style="list-style-type: none"> <li>Wastewater Management and Planning of Infrastructure Investments for waste water solutions (pollution, resource management, governance).</li> </ul> <p>Reviewed best international practice in Egypt for judging and levying waste streams from petrochemical industries, textile industries, agriculture, households, shipping, commercial shops, and restaurants.</p>
1997 - 2001	Netherlands	Water Authority De Maaskant V. v.d. Steen <a href="mailto:info@aaenmaas.nl">info@aaenmaas.nl</a> +31 73 615 6666	Head of Enforcement Department	<ul style="list-style-type: none"> <li>Prepared inspection and enforcement policies, strategies and programs of the Water Board in charge of all investments in <b>water management</b> infrastructure.</li> </ul>

			<ul style="list-style-type: none"> <li>• Planned, organized, supervised, and monitored the activities of the Inspection and Enforcement Unit.</li> <li>• Coordinated with other environmental authorities at the national, provincial, and municipal levels.</li> <li>• Prepared and coordinated the implementation of surveillance surveys of industrial wastewater discharge.</li> <li>• Audited the compliance of major polluters (industries, WWTPs) and implemented enforcement measures in case of non-conformity; supervised the development of a computerized management information system for the unit Enforcement.</li> <li>• Managed projects in industrial pollution reduction (e.g. feasibility study of a Membrane Bio Reactor (MBR) in the textile industry).</li> <li>• Assessed the enforceability of the wastewater discharge permits and the annual environmental reports of major industries; coordinated joint inspection and enforcement programs with other authorities; audited the compliance of environmental management systems (ISO 14.000) of major industries.</li> <li>• Contributed to the review of the Board's wastewater levy systems and fiscal levy procedures.</li> <li>• Granted, inspected, and enforced municipal permits for major overflows of sewage systems.</li> <li>• Represented the water board at court procedures. Member of regional inspection and enforcement task forces.</li> <li>• Coaching of the nine staff of the unit.</li> <li>• Project leader of a survey at about 20 waste water producing industries to audit all aspects related to the determination of the waste water levies (volume measurement, measuring equipment, sampling, conservation of samples and analysis of samples). The audit resulted in substantial increase of income for the Board.</li> </ul>
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				Project leader of project on design (process of planning, feasibility, execution) of upgraded WWTP in s Hertogenbosch (340.000 pollution load), focusing on the aspects of discrepancy between the theoretical and practical pollution units load of the WWTP.
1995-1996	Netherlands	Joint Service of 4 Water Boards (which do not exist anymore)	Senior Enforcement Expert	<ul style="list-style-type: none"> <li>• Coached inspectors and enforced wastewater discharge legislation and regulation at large scale chemical industries.</li> <li>• Assessed the enforceability of wastewater discharge permits.</li> <li>• Developed inspection and enforcement policy for the Water Boards.</li> <li>• Prepared a new working procedure for inspection and enforcement for the Water Boards, based upon a planned and coordinated implementation of inspection and enforcement tasks.</li> <li>• Developed new calamity regulation and implemented coordinated enforcement by the water boards and police forces.</li> <li>• Enforcement of wastewater discharge legislation and regulation at large scale chemical industries.</li> <li>• Coordination with other environmental authorities on national, regional and local scale.</li> </ul> <p>1. Project manager for the development of new calamity regulation.</p>
1992 - 1995	Netherlands	DHV BV	Solid Waste Management Expert	<p>Waste Management Projects – National Inspectorate, Municipalities</p> <ul style="list-style-type: none"> <li>• Audited health institutions in the province of Utrecht on their waste disposal, environmental management systems, environmental permits and supervision by the government; assisted provinces and municipalities in outsourcing separate collection and processing of domestic waste according to European tender procedures.</li> <li>• Formulated design criteria for domestic waste collection stations and chemical waste storages based on the CPR 15-1 directive.</li> </ul> <p>2. Studied the effectiveness of policy instruments to prevent</p>

				dumping of combustible waste streams on landfills.
1995	Hungary	DHV BV	Solid Waste Management Expert	<p>Specific Waste Streams Management – EU (Phare)</p> <ul style="list-style-type: none"> <li>Waste Management of packaging material, dry batteries and asbestos. Client: Ministry for Environment and Regional EU Policy.</li> </ul> <p>Development of short- and long-term national strategy on the collection, transfer and treatment or disposal of dry batteries.</p>
1993 - 1995	Romania	DHV BV	Solid Waste Management Expert	<p>Waste (Paper, Plastics, Glass) Recycling Romania – EU (Phare)</p> <ul style="list-style-type: none"> <li>Implementation of a Pilot Project of waste recycling in Brasov for Romania's Ministry of Industry.</li> <li>Conducted a feasibility study on the separate collection and recycling of glass and paper in the Brasov area and assessed private sector participation for collecting and recycling glass and paper.</li> <li>Organized a series of workshops to introduce and enforce the EVOA regulation on the monitoring and control of transporting waste materials within, to and from the European Community.</li> </ul> <p>Prepared recommendations for harmonizing the Romanian legislation with the EVOA regulation.</p>
1993 - 1995	Tunisia	DHV BV	Solid Waste Management Expert	<p>Master Plan Solid Wastes – World Bank</p> <p>Preparation of a National Solid Waste Master Plan for 20 years. Assessed landfills and waste collection, transfer and treatment systems for Tunisia's Ministry of Environment.</p>
1994 - 1995	Netherlands	DHV	Solid Waste Management Expert	<p>Solid Waste Management Plan – Dutch Ministry of Economic Development</p> <p>Preparation of the Solid Waste Management Plan of Curaçao in Netherlands Antilles.</p> <ul style="list-style-type: none"> <li>Conducted an inventory and projection of solid waste production.</li> <li>Reviewed collection and transfer systems and studied solid waste disposal and treatment options.</li> </ul> <p>Recommended future solid waste management investments for the island of Curaçao.</p>
1988 - 1992	Netherlands	Regional Inspectorate on Environmental Protection in the	Enforcement Inspector	<b>Environmental &amp; Spatial Planning Legislations,</b>

		Province of North- Brabant, Ministry of Housing, Spatial Planning and the Environment		<p><b>Regulations &amp; Law Enforcement</b></p> <p>National and Regional projects on the compliance of waste policies at incineration plants, landfills and car wreck companies, including the development of an audit methodology.</p> <ul style="list-style-type: none"> <li>• Advise on environmental permits for waste processing industries.</li> <li>• <b>Compliance auditing of water regulation</b> at large chemical industries.</li> <li>• Member of the Environmental Assistance Team of the Inspectorate. This team supports the national and regional police forces in the country in environmental crime investigations.</li> <li>• Consultations with provinces and municipalities on policy reviews, inspection activities and environmental projects on waste prevention and environmental management systems (ISO 14001) for industries.</li> </ul> <p>Auditing of the implementation of environmental policies by the local authorities and follow up of non-conformity at civil and political level.</p>
1986 - 1988	Netherlands	TAUW Infra Consult B.V.	Environmental Expert	<ul style="list-style-type: none"> <li>• Formulated air pollution prevention measures for different authorities and industries and conducted air emission measurements at waste incinerators in Rotterdam, Eindhoven, Beuningen and Duiven; asphalt installations and incineration units for (lead) cables.</li> <li>• Prepared a Handbook on chemical waste streams for the Ministry of Housing, Spatial Planning and the Environment.</li> <li>• Measured odour emissions at a bed factory, a meat packing firm and a paint spraying firm Indoor measurements of different organic components in public buildings, industrial buildings and crawl spaces in houses.</li> </ul> <p>Measured noise emission and industrial hygiene at construction and metallurgical industries.</p>



## **12. Other relevant information (eg. Publications):**

### Other training:

Different universities and training institutes (1986 – to date): Bsc – Msc – legal expert (Legal framework of environmental and water issues on European level, IPPC, REACH, European Water Framework Directive, Waste Framework Directive, ecology, hydrology, eco hydrology etc.)

### Publications:

Different publications about executed projects in Dutch professional magazines. Publication (and editor) on internet of a national handbook waste water. Author of water knowledge (technical, legislative) articles for Reed Business. Recent articles about flood management and the development of a long term financing system in different (international) online media and the Dutch Water governance magazine. Article about the Bola Bondeh project Ghana on digital media.