

Van der Putte Environmental Consultancy

Kampersingel 14, 2012 DK Haarlem, the Netherlands. E: ivanderputte@gmail.com M: +31 653 948 067

Curriculum Vitae



Personal information

1. **Family name:** VAN DER PUTTE
2. **First names:** Iksan
3. **Date of birth:** 25 February 1952
4. **Passport holder of:** Netherlands
5. **Education:**

Institution (Date from - Date to)	Degree(s) or Diploma(s) obtained:
Agricultural University Wageningen, The Netherlands 1981	PhD Environmental Toxicology (partly fulfilled at the University of Uppsala, Sweden)
Agricultural University Wageningen, The Netherlands 1978	MSc Environmental Sciences including wastewater treatment, water pollution control, microbiology and toxicology

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

Language	Reading	Speaking	Writing
Dutch	1	1	1
English	1	1	1
German	2	2	3
French	3	3	3

7. **Membership of professional bodies:** Member and former chairman of the **environmental task forces** (ENVT) of the International Federation of Consulting Engineers (FIDIC) and of the European Federation of Consulting engineers (EFCA) (1992 to date); member and former president of the UNEP sustainable Buildings and Climate Initiative (UNEP SBCI) (2006 to 2008); board member Lettinga Associates Foundation (sustainable water technologies and decentralised sanitation, anaerobic digestion)(2002 to 2017); accredited FIDIC trainer in procurement and project sustainability management (2010 to date). EFCA representative in CEN TC350 – Sustainability Standards in Construction Works (2010 to date)
8. **Other skills:** Microsoft Office
9. **Present position:** Consultant Environment and Toxicology
10. **Years in the firm:** 35 at RPS advies- en ingenieursbureau bv; 3 at Van der Putte Environmental Consultancy
11. **Key Qualifications:**

- **Solid track record (31 years) as Project Director/ Team Leader** in the field of environment, with approximation, transposition and **enforcement of environmental legislation**, in EU countries and SEE region;
- **Extensive experience in management of large multi-national projects** in the EU Member States and various countries worldwide, including **financial and quality control, coordination of expert's teams, liaison with contracting authorities and beneficiaries**;
- Wide knowledge of the **EU environmental regulatory framework and environmental policies** (climate change, chemicals, waste, water, nature protection, EIA, SEA, IED/IPPC/LCP, air quality, EPER/PRTR, SEVESO, TFS, REACH/CLP and RMCEI), and past and present experience with **AC IMPEL, IMPEL and ECENA networks**;

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- Experience in **institutional strengthening and capacity building of the environmental institutions**, including gap and needs assessments and in **assistance of various types of industries in pollution control and cleaner technologies, water and waste water projects**
- **Design and delivery of tailor made training programmes** for civil servants including environmental inspectors and permit writers **aiming at increasing enforcement capacities and skills;**
- Design and delivery of tailor made training programmes for engineers in **general procurement and sustainable procurement, devising and selecting sustainable projects and programmes**, based on the FIDIC PSM system and the series of FIDIC contract and procurement documents.
- Identification and prioritisation of environmental projects and investments;
- Author of various articles on **environment, climate and toxicology** in international magazines, conferences and reports of international engineering associations;
- **Exceptional written and presentation skills, strong analytical skills and negotiation skills.**

12. Specific experience in the region:

Country	Country	Country
Bosnia and Herzegovina	Sri Lanka	India
Macedonia	Zimbabwe	Bangladesh
Montenegro	Slovak Republic	Pakistan
Kosovo	Estonia	Chile
Serbia	Hungary	Jordan
Turkey	Romania	Thailand
Slovenia	Poland	Indonesia
Bulgaria	Uganda	Uruguay
FYROM	China	Philippines
Albania	Kenya	Argentina
Latvia	Lithuania	South-Korea

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13. Professional experience:

Date	Location	Company & reference person (name & contact details)	Position	Description
2010-2018	South Korea and China	Van der Putte Environmental Consultancy evink@fidic.org RPS advies- en ingenieursbureau bv Martin Eijkenboom martin.eijkenboom@rps.nl	Accredited FIDIC Trainer PSM and Project Procurement	Training of engineers by FIDIC accredited trainers in a programme reflecting quality, integrity and sustainability in engineering practice. Trainees/firms were member of the national associations (KENCA Korea and CNAEC China) affiliated to the International Federation of Consulting Engineers (FIDIC). Within this training programme specific elements were covered with reference to the FIDIC Project Sustainability Management System (PSM) as a tool to devise, select and implement sustainable projects and programmes and to Procurement and Sustainable Procurement systems which strongly relates to the tendering processes and organisation with use of different types of contracts (Green, Red, Silver, Yellow and Brown Books). Within the training programmes, three were carried out in South Korea and a number of nine in China. The latter was linked to an official FIDIC examination and certification system .
2015	Worldwide webinar	International Federation of Consulting Engineers (FIDIC) RPS advies- en ingenieursbureau bv Martin Eijkenboom martin.eijkenboom@rps.nl	Accredited FIDIC Trainer PSM and Project Procurement	FIDIC webinar series: Sustainable Development and the built environment (FIDIIC/DFS -design firms seminars) . Presenter at a series of four webinars and an exam. Presenter at webinar1: Sustainable Development and the built environment and presenter at webinar 2: Practical implementation of sustainability in project design. Other webinars included webinar 2 on sustainability tools by prof. Peter Guthry and webinar 3 on sustainability management by dr. John Boyd.
1994 - date	Various countries in Asia, Latin America, Europe, Eastern Europe, Africa and the Middle East	International Federation of Consulting Engineers (FIDIC) RPS advies- en ingenieursbureau bv Martin Eijkenboom martin.eijkenboom@rps.nl	Trainer and FIDIC representative in sustainable development issues	Main author of the FIDIC business guidelines for environment (1994) and for sustainable development (2000). Project manager and coordinator for FIDIC in the development and upgrading of the UNEP/ICC/FIDIC Environmental Management Systems Training Resource Kit for industry (1995, 1997 and 2001) and the UNEP/ICLEI/FIDIC Environmental Management System Training Resource Kit for urban areas. Development and training in the FIDIC Project Sustainability Management System (PSM I and II) (2007 – 2013). Development of a training programme for WHO-IPCS on industrial environmental and chemicals management (1993-1999). Organisation and implementation of training courses on the developed systems in various countries in Asia, Latin America, Europe, Eastern Europe, Africa and the Middle East.
2010 – 2016	Croatia, Bosnia and Herzegovina, FYR of Macedonia, Montenegro, Albania, Kosovo, Serbia and Turkey	European Commission RPS advies- en ingenieursbureau bv Martin Eijkenboom martin.eijkenboom@rps.nl	Team leader/Environmental expert /Trainer in inspection	Formulation and implementation of multi-country programmes under the EU-funded Regional Environment Network for Accession (RENA). Activities are carried out for 8 countries via 4 working groups covering: Strategic Planning and Investments, Climate Change , Cross border & Multilateral Environmental Agreements with Nature, Water and EIA/SEA , and the Environmental Compliance and Enforcement Network for Accession (ECENA). General RENA Team Leader and specific Team leader for WG 4 –ECENA . As general Team leader responsible for quality control of all activities and products of all working groups, including guidelines, assessment reports, reviews and project reports In WG 4 IED/IPPC with permitting and common inspections are taken up as main subjects for training on the industrial emissions directive at specific industries. Additional subjects are waste management , and implementation and enforcement of VOCs, SEVESO and the chemicals legislation (REACH and CLP) . On-site inspections and pollution control and safety evaluations were carried out for the metal industry (Electric Arc Furnaces), Cement industries, Energy (Thermo-

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				electric power plant) and Petrochemical Industries. Project to enhance regional co-operation in 8 beneficiary countries. (EU Instrument for pre-accession –IPA).The project is extended as the Environment and Climate Regional Accession Network (ECRAN), now including climate adaptation until October 2016.
2009 - 2011	Turkey, the Netherlands	RPS advies- en ingenieursbureau bv Martin Eijkenboom martin.eijkenboom@rps.nl	Team leader/Environmental expert/Toxicologist	<u>Awareness Raising on Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) and Classification, Labeling and Packaging of substances and mixtures (CLP) Regulations for Turkish Chemical Industry</u> and Building up Regional Industrial helpdesks with set-up, training of industry and authorities, with exchange of experience of industry and enforcement authorities in the Netherlands and development of awareness raising programme.
2008 - date	European member states/the Netherlands	RPS advies- en ingenieursbureau bv Martin Eijkenboom martin.eijkenboom@rps.nl	Team leader/toxicologist	<u>Team leader</u> and toxicologist for European wide studies on PFOA and studies on allergens in textiles (EC-DG Enterprise) and RACH/CLP supporting studies on sensitizers and classification and labelling (RIVM).
2008 – 2009	Romania	European Commission RPS advies- en ingenieursbureau bv Martin Eijkenboom martin.eijkenboom@rps.nl	Team leader/Environmental expert/toxicologist	<u>Technical assistance to Romania in implementation of REACH and CLP</u> with Impact assessment, training of operators, authorities and inspectors helpdesk functions, and awareness campaigns. Toxicological risk assessment including <u>water and health related impacts</u> . The Socio- economic Impact assessment of REACH on Romanian companies included a methodology development with a bottom up approach with questionnaires and a top down approach based on general guidelines. (EU-Phare programme/ Ministry of environment and Ministry of Development and Public works)
2007 – 2008	Romania	European Commission RPS advies- en ingenieursbureau bv Martin Eijkenboom martin.eijkenboom@rps.nl	Team leader/Environmental expert/ Toxicologist/trainer in inspection	Further support for IPPC and LCP Directives implementation. Client: EUROPEAID. Developing capacity in implementation of the Directives, considering legal requirement, streamlining, permitting, monitoring and reporting. Training of inspectors and permit writers. Water and Environmental Pollutants effects, toxicity and monitoring guidelines . Development of guidelines for BAT in general and for specific sectors, resulting in national technical guidance documents for oil and gas refineries and energy efficiency . Procedure development for integrated permitting process of gas turbines with co-generation and development of the draft of the environmental integrated permit and agreement.
2006 – 2009	Croatia, Turkey, Romania, Bulgaria	European Commission RPS advies- en ingenieursbureau bv Martin Eijkenboom martin.eijkenboom@rps.nl	Team Leader/Environmental expert/trainer in inspection	Developing capacity in implementation and enforcement in the acceding candidate countries through ECENA & IMPEL, in cooperation with Eptisa. Client: EUROPEAID. Train the trainers of inspectors, in the field of licensing and <u>enforcement for environmental and chemicals legislation</u> , including REACH, IPPC permitting, EPER/PRTR, BREFs and BAT selection, Emission Trading and SEVESO. Specific analysis on-site for metal industry (Bulgaria), paper industry (Croatia), refineries and petrochemical complexes (Turkey and Romania) and large combustion plant (Turkey); Country assessments of enforcement capacity Studies on implementation key EU legal acts, <u>including chemicals legislation</u> (Croatia) Facilitation of participation in IMPEL and ECENA meetings
2005 – 2007	Kosovo	RPS advies- en ingenieursbureau bv Martin Eijkenboom martin.eijkenboom@rps.nl	Environmental expert	Further Institutional Support to the Ministry of Environment and Spatial Planning (MESP). Specific support has been given in the development of :integrated environmental permits, plant monitoring and self-monitoring systems,air quality standards. ELVs, BAT LCP directive and LCP/IPPC directives interrelationships also with practical reference to the LCP coal power plant.

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2004 – 2005	Bulgaria, the Netherlands	<p>European Commission RPS advies- en ingenieursbureau bv Martin Eijkenboom martin.eijkenboom@rps.nl</p>	<p>Team Leader/Project Manager Environmental expert</p>	<p>Project on strengthening the capacity and development of a Bulgarian national system for information management and reporting according to the IPPC Directive and EPER. The developed system also considers the requirements regarding PRTR and CO2 emission trading. Client: SENTER International, the Netherlands. The project included: A training component for the industrial and governmental sector considering IPPC permitting, enforcement and reporting; Development of a software component (the National Pollutant Emission Register, NPER), fully integrated in the national environmental information system in Bulgaria; A communication component considering awareness building in industry and public participation.</p>
2000 – 2002	Estonia, Latvia, Lithuania, Poland, Czech Republic, Slovakia, Hungary, Slovenia, Romania and Bulgaria.	<p>European Commission RPS advies- en ingenieursbureau bv Martin Eijkenboom martin.eijkenboom@rps.nl</p>	<p>Team Leader/ Project manager / Environmental expert</p>	<p>EU-PHARE Regional Environmental Accession Project (REAP). Assistance in implementation of bottleneck environmental directives. Formulation and implementation of 29 projects in 10 countries in the field of a.o. IPPC, SEVESO, Waste and Hazardous Waste, including pilots on SEVESO for fertilizer industry and LPG storage. On the IPPC Directive and EPER, projects were carried out to guide the industry in Bulgaria and Poland. Other countries received assistance in management guidance for Hospital waste, Municipal waste and end-of-life vehicles; Guidebook and training on establishing integrated permits, inspection, monitoring and enforcement; Workshops and training on establishing and maintaining the European Pollutant Emission Register; Compliance check of the existing environmental protection acts considering SEA, EIA and IPPC.</p>
2002 – 2003	EU accession countries	<p>European Commission RPS advies- en ingenieursbureau bv Martin Eijkenboom martin.eijkenboom@rps.nl</p>	<p>Team Leader/Project manager / trainer in inspection</p>	<p>Capacity development and training in Implementation and Enforcement through the AC-IMPEL network in 10 accession countries, Estonia, Hungary, Poland, Latvia, Lithuania, Slovenia, Czech Republic, Slovak Republic, Romania, Bulgaria also including Turkey, Malta and Cyprus.. Training in relation to industrial pollution control; Studies on implementation key EU legal acts focusing on EIA, waste, with Transfrontier Shipment of Waste, Hazardous waste registers and disposal of PCB/PCT.(AC IMPEL EUROPEAID)</p>
1985 – 2004	Countries worldwide and The Netherlands	<p>RPS advies- en ingenieursbureau bv (formerly BKH Consulting Engineers) Martin Eijkenboom martin.eijkenboom@rps.nl</p>	<p>Team Leader /Environmental expert</p>	<p>Environmental assessment and industrial pollution control Eastern Seaboard Industrial Development Area, Thailand (UN-ESCAP). Environmental Management Strategy and industrial pollution control for Colombo, Sri Lanka (World Bank). Formulation missions tannery industry -Ganga Action Plan, India, environmental and economic assessment, cleaner technology, (Netherlands Ministry of Foreign Affairs, DGIS). Various projects on strengthening of environmental authorities in industrial pollution control and enforcement in Chile, Philippines, Thailand, Sri Lanka, Bangladesh, India, Pakistan, including auditing of various chemical, metal, agro-based and plantation industries (World Bank, EU-PHARE, Netherlands Ministry of Foreign Affairs, UNEP, ADB). Industrial pollution control projects and support to the development of environmental regulations; EMS/EMAS/EIA in Albania, Romania, Chile, Uruguay, Argentina, Sri Lanka, India, China, Kenya and Tanzania (World Bank, Netherlands Ministry of Foreign Affairs, FIDIC, EC-DGENV, UNEP, ICC and WHO)</p>

Other relevant information (e.g., Publications)

- UNEP-Japan. **World Conference on Disaster Reduction**, Kobe. Panelist and presenter on EMS for Risk Reduction in the UNEP thematic session on Environmental Management and Disaster Reduction with Dr.Klaus Toepfer (executive Director UNEP) and Mrs. Yuriko Koike (Minister of Environment, Japan) (2005).
- Main Author “Chemicals in our Environment” Practical implementation of risk-management strategies – New developments in European Union Chemicals and environmental legislation require appropriate developments in enforcement mechanisms. AWE International, June 2006, p.46-51.

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- I. van der Putte, 2007. Enforcement aspects of the existing and new chemicals legislation. Proceedings International REACH Conference, 19-20 March 2007, Bratislava, Slovak Republic, 6pp
- Iksan van der Putte, 2007. **Monitoring Climate Change**. Greenhouse gas emissions from construction and buildings. AWE International. March 2007, p.31-37
- Main author of the article presented at the Conference of the Netherlands Association of Occupational Health entitled "Health risks of exposure to toxic chemicals in the Fireworks Sector in the Netherlands", 2006, 6 pp.
- **ONRI Award 2002** (5-yearly) for activities on sustainable development for the Consulting Engineering Sector presented by Mrs. Jacqueline Aloisi – head UNEP -DTIE (Organisation of Consulting Engineers in the Netherlands (ONRI)).
- Enforcement aspects of the existing and new chemicals Legalisation. Proceedings Conference on Sustainable Buildings South-East Asia 5-7 November 2007, Kuala Lumpur, Malaysia.
- The FIDIC Project Sustainability Management System. Beyond the Greening of Buildings – The specification of projects that meet sustainability goals. Presentation in the training course for Jordanian Architects and Engineers in Amman 15-16 April 2008.
- **FIDIC Prangey award** for his activities in the field of sustainable development for the worldwide engineering sector presented by John Boyd FIDIC president, Quebec, Canada (2008)
- Second National Water Summit Ireland: **Climate Change and required paradigm shifts in water management** – international perspective (2008)
- ESAI water workshop 2009, Dublin, Ireland: Implementation of the EU Strategy for Endocrine Disruptors: prioritization of compounds and impact on Community Legislation, including REACH and the WFD
- **Contributing author on Chapter Disaster Risk Mitigation and Adaptation** in the FIDIC State of the World Report on Infrastructure, 2009, p.40 -43.
- Analysis of the risks arising from the industrial use of Perfluorooctanoic acid (PFOA) and Ammonium Perfluorooctanoate (APFO) and from their use in consumer articles (EC-DG Enterprise) 2009
- I. van der Putte. **Climate Change and Required Paradigm Shifts**. World Best Practices Magazine. Global Forum on Human Settlements, 2013, p.22-33.
- I. van der Putte. Sustainability in contracts: Implementing Green Public Procurement. FIDIC International Users Conference. London, 3, 4 December 2013.
- I. van der Putte et. al. Environmental Compliance and Enforcement Network for Accession (ECENA) – its development and challenges-, 2013, 9pp. Paper presented at the International INECE Conference on Environmental Enforcement Networks: Concepts, Implementation and Effectiveness. Brussels, Belgium.
- Iksan van der Putte, Member FIDIC SDC Committee, Director International Environmental Affairs, RPS,NL "How tools such as PSM and PSL can assist in determining the right project and the best procurement strategy, reflecting client/customer priorities" FIDIC Multilateral Development Bank Conference, Brussels 2 June 2014.
- Iksan van der Putte, Member FIDIC SDC Committee, Director International Environmental Affairs, RPS, "The critical importance of sustainability in developing procurement strategies". FIDIC Multilateral Development Bank Conference, Brussels 3 June 2014.
- I. van der Putte, Member FIDIC SDC Committee. Contributing author Guidance Document on Procuring Sustainable Buildings and Construction. UN Environment/One Planet. 2018
- Iksan van der Putte 2019. Sustainable Infrastructure: Building expertise on developing sustainable and resilient infrastructure. EDX Verified Certificate of Achievement EPFLx course (Ecole Polytechnique Federale de Lausanne).
Valid Certificate ID: <https://courses.edx.org/certificates/5d1bd63db3b341168c0263004c305364>

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