

Format for CV of Proposed Key Personnel

Name of Personnel	Boudewijn Fokke BSc
Position for this assignment	Field Expert
Nationality	Dutch
Language proficiency	Dutch: Mother tongue English: Full professional proficiency German: Limited working proficiency French: Elementary proficiency Sranang Tongo: Elementary proficiency Bahasa Indonesia: Elementary proficiency
Education/ Qualifications	<p>Education</p> <p>1978-1979 Standard post-graduate course in Soil Erosion Survey, International Institute for Aerial Survey & Earth Sciences Enschede, the Netherlands</p> <p>1977-1978 Royal Higher Agricultural College, Deventer, Tropical department, Specialization Applied Soil science, the Netherlands</p> <p>1973-1977 BSc, Royal Higher Agricultural College, Deventer, Tropical department, the Netherlands</p> <p>1968-1973 HAVO (secondary school) Examination Subjects exact sciences, Canisius College Nijmegen, the Netherlands</p> <p>Key qualifications</p> <p>Boudewijn Fokke BSc is employed as Senior Project Manager at TAUW for 18 years now. He has 40 years of professional experience in a wide range of environmental soil and groundwater surveys, site assessments and soil remediation design and clean-up campaigns. He manages preliminary environmental site assessments, detailed soil surveys for environmental studies and soil and groundwater clean-up campaigns on sites of Multinational Industry and brown fields. He has experience as international Project Manager on projects related to the implementation of the POP pesticides Stockholm Convention and shortly is involved in activities related to the Minamata Convention. Main tasks are the management of stocks of obsolete and POP pesticides inventories, assessment of contaminated storage sites and obsolete and POP pesticides contaminated (landfill) sites, the design of clean-up campaigns, site remediation, landfill rehabilitations and advice on destruction of obsolete and POP pesticides. Training of counterpart organisations is a key attribute to these projects that are mostly located in Eastern Europe, Central Asia, Asia and South America and Africa. Since 2019 Boudewijn is member of the BAT BEP expert group of the Stockholm Convention for the writing of guidelines on sustainable management of POP contaminated sites</p>
Professional certifications	<p>2012 - 2013 Certified Prince II Foundation and Practitioner in Project Management</p> <p>2011 Certified Safety for Operational Supervisors based on Safety, Health and Environment Checklist for Contractors</p> <p>2008 Training Course FAO Pesticide Stock Management System, MilieuKontakt, Amsterdam, the Netherlands</p>

Employment Record/ Experience	<p>Employment record:</p> <p>From - To: 2003 - Present Employer: TAUW bv Deventer, the Netherlands Positions held: Senior Project Manager</p> <p>From - To: 1999 - 2003 Employer: NEGAM Road and Civil Engineering Contractor, Oldenzaal, the Netherlands Positions held: Senior Project Manager</p> <p>From - To: 1990 - 1999 Employer: HASKONING Royal Dutch Consulting Engineers and Architects, Division of Environmental Affairs, Nijmegen, the Netherlands Positions held: Project Manager (1995 - 1999) Manager Fieldwork Department environmental soil survey (1993 - 1995) Project Manager (1990 - 1993)</p>
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From - To: 1987 - 1990
Employer: Geofox B.V. Soil and environmental consulting, Oldenzaal, the Netherlands
Positions held: Project Manager
From - To: 1984 - 1987
Employer: NGO Cebemo, Oegstgeest, the Netherlands
Positions held: Manager rural development project Northern Ghana
From - To: 1980 - 1983
Employer: Soil Survey Department Paramaribo, Suriname
Positions held: Team Manager soil mapping units
From - To: 1979 - 1980
Employer: International Institute for Aerial Survey and Earth Sciences Enschede, the Netherlands
Positions held: Trainer, Instructor remote sensing

Experience/reference projects (list of selected projects):

Project management and execution

Name of assignment or project: HCH in Europe - Pilot project to evaluate and address the presence of Lindane and HCH in the EU

Year: 2019 - ongoing

Location: Europe

Client: European Commission

Main project features: The HCH in EU project has the following two tasks:

1. Inventory of the HCH contaminated sites in all the EU member states (Task 1)
2. Consultancy service for selected six projects/cases of the HCH contaminated sites (Task 2). Task 1 and Task 2 run in parallel mainly independent to one another. Both Task 1 and Task 2 have been further subdivided. Task 1 is subdivided in 10 steps. Task 2 is subdivided in 4 steps.

Positions held: Project Manager

Activities performed: Design the EU wide inventory approach and the framework for the site-specific consultancy assistance for the six projects. The overall project management, quality control and providing technical assistance for the EU team (TAUW, CDM Smith and SARGA).

Training on the sustainable management of contaminated sites

Name of assignment or project: Capacity Strengthening and Technical Assistance for the Implementation of sustainable management of contaminated sites

Year: 2019 – 2020 (completed)

Location: Aruba

Client: Department of Environment affairs in Aruba

Main project features: Capacity building and awareness raising on the concept of sustainable management of contaminated sites.

Positions held: Project Consultant

Activities performed: Give lectures on sustainable management of contaminated sites.

Quality controller and technical project management

Name of assignment or project: Design, tender writing, supervision and backstopping of the rehabilitation and of 8 hectares of acid tar lagoons at a refinery

Year: 2016 – ongoing

Location: Romania

Client: MNI

Main project features: The selected technique is containment by immobilization and stabilization.

Positions held: Team Manager

Activities performed: Site remediation design and technical backstopping of the tendering and supervision of the remediation of a lagoons complex.

Training on the sustainable management of obsolete and POP pesticide contaminated sites, site assessment and remediation strategy development

Name of assignment or project: Removal of Technical and Economic Barriers for initiating the Clean-up Activities for Alpha-HCH, Beta-HCH and Lindane Contaminated Sites at OHIS'

Year: 2017 – 2018 (completed)

Location: North Macedonia

Client: UNIDO

Main project features: Capacity building

Positions held: Project Manager

Activities performed: Providing guidelines on the sustainable management of POP-pesticides contaminated sites. Providing technical backstopping for the HCH contaminated site (production site Lindane and two depots of HCH waste) including trainer (around 20 participants from various ministries, NGO and industry) on the sustainable management of hazardous waste site.

Project Manager including delivery of technical input on all aspects and quality control of all deliverables

Name of assignment or project: Project to Implement an Environmentally Sound Management and Final Disposal of PCBs in the Republic of Serbia, UNIDO ID: 100313, GEF ID: 4877

Year: 2017 – 2019 (completed)

Location: Republic of Serbia

Client: UNIDO

Main project features: Capacity building

Positions held: Project Manager

Activities performed: Providing technical backstopping for the PCB contaminated sites management including assisting in finalizing the National strategy for managing the PCB, providing training (around 15 participants from various ministries and local consultancy companies) on the sustainable management of hazardous waste / contaminated sites, documentation/reporting of best practice for environmental risk assessment, leading various workshops and managing and carrying.

Project management and long-term remediation strategy development

Name of assignment or project: Environmentally Sound Management of Persistent Organic Pollutants (POPs) in industrial and hazardous waste sectors

Year: 2019 (completed)

Location: Bosnia Herzegovina – Banja Luka

Client: UNDP

Main project features: Introduction of the sustainable management of a brownfield with a focus on the PCB contaminated spots.

Positions held: Project Manager

Activities performed: Constructing an initial Conceptual Site Model, a gap analysis and presenting the results.

Project and Team management and providing technical expertise on site remediation

Name of assignment or project: Installation of eco-remediation system at a Dioxaan contaminated industrial site

Year: 2012 – 2014 (completed, full scale ongoing)

Location: Netherlands

Client: Chemical Multinational Industry (MNI) company

Main project features: The main project objective is to install 400 tree-wells that will contain and remediate Dioxaan contaminated groundwater. Around 400 poplars are planted in tree wells with straws of different length to tape the contaminated groundwater.

Positions held: Project Team Leader & Project Manager of the survey, design & implementing phase.

Activities performed: Develop the project strategy, approach, subcontract the partners executing the actual work, execute a pilot & manage implementation phase.

Project management for a POP pesticides landfill assessment and long-term remediation strategy development

Name of assignment or project: The provision of consulting services for the sustainable management of the obsolete and POP pesticides dumpsite including the development of site remediation plan on Lagluja Mountain in Marneuli Municipality

Year: 2014 – 2015 (completed)

Location: Georgia

Client: UNDP-Georgia

Main project features: The overall objective of this project was to minimize the release of obsolete and POP pesticides from the Lagluja dumpsite through

detailed site assessment and the development of a plan for a long-term sustainable remediation. This assignment consisted of the following four project phases: Phase 1 Detailed site assessment, Phase 2 Detailed site remediation plan based on the site assessment, Phase 3 Selection of best option for construction of hazardous waste storage facility, Phase 4 Stakeholder analyses for the Lagluja dumpsite remediation and the Validation workshop to review and discuss all project outcomes, after all four phases were completed.

Positions held: Project Manager

Activities performed: Perform fieldwork for site assessment, design CSM & design approach to remediate the Lagluja dumpsite.

Training on obsolete and POP pesticides, landfill assessment and long-term remediation strategy development.

Name of assignment or project: Training and workshop on POP pesticides landfill site assessment

Year: 2012 (completed)

Location: Tajikistan Kanibadam

Client: ToxCare project, supported by the Swiss Government

Main project features: Training of 8 professionals in obsolete & POP pesticides contaminated landfill assessment and the actual site assessment of the Kanibadam obsolete & POP pesticides contaminated landfill, the design of an initial CSM & provision of a road map leading to rehabilitate the Kanibadam landfill in an appropriated, stepwise & sustainable way.

Positions held: Trainer on site assessment.

Activities performed: Give lectures, organize workshop & perform field work for site assessment, design initial CSM & design approach next project phase including reporting CSM, next project phase & road map leading to the rehabilitation of the Kanibadam obsolete & POP pesticides contaminated landfill.

Project team management and providing technical expertise on site assessment and site remediation

Name of assignment or project: Consultancy services for closure and containment of municipal solid waste site at Ukkayyaoalli, Kadapa in Andhra Pradesh India

Year: 2010 – 2015 (completed)

Location: India

Client: World Bank through the Andhra Pradesh Pollution Control Board (APPCB) Hyderabad

Main project features: To assess the levels and nature of contaminant in groundwater, surface water & soils of the municipal solid waste dump site and its direct surrounding; to pre-design seven containment and closure options; to select the best option using Multi-Criteria Decision Analysis (MCDA); to support the bid process and write the supervision and execution plan of the containment and closure works.

Positions held: International expert on site assessment, site remediation & project team manager

Activities performed: Design the initial Conceptual Site Module (CSM), preliminary assess the environmental risks, identify the gaps to complete the CSM. The set up sequential sampling and analyses campaign, assess the risks, report results, pre-design 7 viable options, select the best option, design selected option, prepare bid book and support the bidding, organize stakeholder workshop, present a social & environmental impact assessment & presenting the results at regular intervals to the client.

Project management, planning, training, and awareness raising and providing expertise and the sustainable management of POP pesticide contaminated sites

Name of assignment or project: The Project 'Building capacity to eliminate POP and obsolete pesticides stockpiles pesticides in Vietnam

Year: 2010 – 2016 (completed)

Location: Vietnam

Client: UNDP through Ministry of Natural Resources & Environment of Vietnam

Main project features: Capacity building and providing consulting services for the POP pesticides contaminated sites assessment & site clean-up (sustainable management).

Positions held: International Expert, TAUW Team Leader and Project Manager

Activities performed: Inception mission & presentation guidelines of implementation of a 10 million USD (turnaround 4 years) clean-up campaign comprises: The clean-up & destruction of stocks & pits with a total of 1,100 tons pesticides; The removal of hotspots in topsoil; The eco-remediation of contaminated soil & groundwater. The consultancy is focused on capacity building of the Vietnamese Project Management Unit, the writing of Guidelines and Standard Operational Procedures on sustainable management of POP pesticide contaminated sites.

Project management and technical support on soil and groundwater related issues

Name of assignment or project: In situ soil and remediation using enhanced biodegradation

Year: 2005 – 2014 (completed)

Location: Hungary

Client: Chemical Multinational Industry (MNI) company

Main project features: Air sparging, and enhanced biodegradation of contaminated soil TPH.

Positions held: Project Manager

Activities performed: Managing survey, risk assessment, design, monitoring remediation. Knowledge transfer to local counterpart & consultation concerning local environmental legislation. Evaluation of remediation results (awaiting completion of remediation).

Project Manager including delivery of technical input on all aspects and quality control of all deliverables

Name of assignment or project: Sustainable POPs Management Project with the project identification number P116230

Year: 2017 – 2019 (completed)

Location: Egypt

Client: World Bank

Main project features: Inventory carried out by two inventory teams of each 3 local experts and 1 international expert, capacity building and awareness raising, site clean-up design and POP needs assessment.

Positions held: Project Manager

Activities performed: Country wide inventory of obsolete and POP pesticides storage sites.

Quality controller Inventory and design clean-up campaign HCH isomers storage site

Name of assignment or project: Detailed site survey/assessment, operational planning, environment/safeguards assessment, training and supporting technical supervision related to the removal of POPs stockpile

Year: 2017 – 2020 (completed)

Location: Turkey

Client: UNDP

Main project features: Inside an abandoned warehouse a large stock of HCH isomers is present. The isomers have contaminated the building and surroundings. UNDP and the Turkish authorities will clean-up the warehouse and bring the wastes to an incineration facility.

Positions held: Team leader inventory

Activities performed: Inventory of obsolete and POP-pesticides storage site, assessment of the quality of the storage building, the design of a clean up campaign including monitoring and HSE plan.

Project management and technical support on all soil and groundwater related issues

Name of assignment or project: Consultancy on soil and groundwater survey, design, and management of remedial campaign of multiple sites

Year: 2004 – 2011

Location: The Netherlands

Client: Chemical Multinational Industry (MNI) company

Main project features: Technical implementation on site assessment and clean-up campaigns of contaminated (TPH, MAC and CHC) soil and groundwater remediation on a petrochemical site of 300 hectares.

Positions held: Project Manager

Activities performed: Soil & groundwater survey & remediation; Project risk management; Health & safety risk management. The consultancy is focused on innovative sustainable soil and groundwater remediation.

Project management including quality control and technical support on in-situ remediation soil a groundwater related issue

Name of assignment or project: In situ soil and groundwater remediation

Year: 2003 – 2018 (completed)

Location: Poland

Client: Chemical Multinational Industry (MNI) company

Main project features: Remediation design, supervising and monitoring and evaluation of the four phased in-situ remediation of an extensive Monocyclic Aromatic Components (MAC) contaminated site of an MNI in Poland. Phase 1: Source removal & remediation (excavation) of source (tank farm). Phase 2: Air sparging, soil vapour extraction & bio-slurping of the 1.7 hectares secondary source area of Light Non-Aqueous Phase Liquid (LNAPL). Phase 3: Preventing off-site migration of contaminants by air sparging at the receptor's pathways. Phase 4: Air sparging & in-situ bio degradation in active bio-layer of Purisol® of the MAC contaminated groundwater. The project team carrying out the various tasks altered in composition and number of site staff. At times of installation works the fieldwork team comprises of local subcontractor with a staff of 4 and a specialized international with a field crew of 6 managed by 1 or 2 TAUW international field manager(s). At quarterly monitoring rounds the field staff was limited to a local subcontractor with 2 staff members and a TAUW international field manager.

Positions held: Project Manager

Activities performed: Managing survey, risk assessment, design, monitoring remediation, phase 2, 3 & 4. Knowledge transfer to local counterpart and consultation concerning local environmental legislation and tendering process of the phase 4.

Project management and training and awareness raising on POP pesticides. Technical support on soil and groundwater related issues

Name of assignment or project: Obsolete & POP pesticides technical study in Kyrgyz Republic, Republic of Tajikistan, and Republic of Uzbekistan

Year: 2009 – 2010 (completed)

Location: Tajikistan (2 landfills and several storage sites), Kyrgyzstan (2 landfills and several storage sites) and Uzbekistan (1 landfill site and several storage sites)

Client: World Bank

Main project features: Capacity building and awareness raising on obsolete & POP pesticides

Positions held: Project Manager and Assistant Team Leader

Activities performed: Training on inventory & assessment of obsolete & POP pesticides contaminated storage sites & landfills; Design repackaging campaign for obsolete & POP pesticides of stocks at storage sites; Design of obsolete & POP pesticides contaminated landfill rehabilitation; Organization and participation POP pesticides destruction workshop for Central Asian Countries in Dushanbe, Tajikistan.

Project management and planning. Technical support on soil and groundwater related issues

Name of assignment or project: Soil and groundwater remediation

Year: 2006 (completed)

Location: St. Petersburg, Russia

Client: MNI

Main project features: Managing a remediation of a TPH contaminated soil by excavation

Positions held: Project Manager

Activities performed: Managing survey, risk assessment, design and monitoring remediation. Knowledge transfer to local counterpart and consultation concerning local environmental legislation.

Technical support on in-situ remediation of TPH contaminated soil and groundwater

Name of assignment or project: Design soil and groundwater remediation strategy for soil and groundwater remediation campaign

	<p>Year: 1998 (completed) Location: Warry, Nigeria Client: Oil industry Main project features: Designing remediation strategies and cost calculations for TPH contaminated sites like wellheads, spills around flow lines, landfills and (off) loading platforms for an oil company. Positions held: Consultant Activities performed: Managing risk assessment and site remediation design. Knowledge transfer to local counterpart and provided consultation concerning local environmental legislation.</p> <p><i>Project management and planning. Technical support on soil and groundwater issues and groundwork's</i> Name of assignment or project: Riverbed enlargement Klompenwaard Year: 1996-1999 (completed) Location: The Netherlands Client: Local authorities Main project features: Designing and managing groundwork projects in relation to the riverbed enlargement Positions held: Project Manager Activities performed: Design and management operation.</p>
<p>References</p>	<p>John Vijgen Consult IHPA Obsolete and POPs Pesticides elimination world-wide Elmevej 14, 2840 Denmark Phone: +4545410321 http://www.ihpa.info/ Mobile: +4591730089 Email: john.vijgen@ihpa.info</p> <p>Tom Balsem TBWI consultancy Rubinette straat 2 6515 EL Oosterhout The Netherland http://www.tombalsem.com/ Mobile: +316 55535617 Email: tom.balsem@gmail.com></p>

I, the undersigned, certify that to the best of my knowledge and belief, these data correctly describe my qualifications, my experiences, and other relevant information about myself.



 Signature of Personnel

12 October 2021
 Date (Day/Month/Year)