

DÉBORAH PHILIPP

Founder and Director, Senior E&S Consultant (Hong Kong / China) · Voltonia Ltd

Environmental & Social (E&S) consultancy and project management across the world, in line with World Bank, IFC and EIB standards. If you require support navigating environmental and social issues, conducting due diligence, or coordinating a multicultural E&S team, please get in touch. Currently based in Asia with global operational capacity.

25+

years of field experience

26

countries of operation

44

major projects since 1999

40

engineers led in one division

SERVICES

ENVIRONMENTAL AND SOCIAL ASSESSMENTS

- Environmental and Social Impact Assessments (ESIA)
- Environmental and Social Management Plans (ESMP)
- Environmental and Social Management Frameworks (ESMF)
- Resettlement Policy Frameworks
- Resettlement Action and Livelihood Restoration Plans
- Ecosystem services assessments
- Climate risk and adaptation

ESG DUE DILIGENCE & COMPLIANCE

- Gap analysis and action plans
- Auditing and compliance assessments against World Bank and IFC Performance Standards
- Due diligence for lenders and investors (IFC, EIB, AFD, KfW)
- Environmental and Social Commitment Plans
- Ongoing project monitoring
- Contaminated sites: due diligence, health risk analysis and remediation

ADVISORY & PROJECT MANAGEMENT

- Nature-based solutions and integrated water resources management
- Waste management strategies
- Stakeholder engagement and grievance mechanisms
- Gender and social inclusion action plans
- E&S requirements in tender documents and contracts
- Training and capacity building
- Financial planning
- Cross-cultural team coordination

SECTORS & STANDARDS

Energy	Transport infrastructure	Water	Waste	Industry	Mining	Agriculture & forestry
Urban & social infrastructure	IFC Performance Standards		World Bank Environmental and Social Standards			
EIB Environmental and Social Standards		Requirements of AFD, KfW, EBRD, AfDB, ADB and MCC				
Verified Carbon Standard and CCB Standards			National E&S regulations			

SELECTED RECENT PROJECTS

E&S Due Diligence of an Industrial Investment (confidential)	South Africa · Senior E&S Due Diligence Expert · Insuco / European Investment Bank	2026
Svay Chek River Basin: Water Investments and Nature-based Solutions	Cambodia · Socio-Environmental Safeguards Expert · BRLi / AFD	2026–2032
San José Solar Project, 128 MW	Philippines (Bukidnon) · E&S Team Leader · NOVVA group	2026
Solar PV Portfolio Due Diligence: Bochica, Firavisol and Colima	Colombia (Boyacá, Cundinamarca) · E&S Team Leader · NOVVA group	2026
Philippine School Infrastructure Project (PSIP) Phase IV	Philippines (Luzon, Visayas) · E&S Team Leader · Insuco / IFC	2025–2026

Tuan Giao Hydraulic Infrastructure Feasibility Study	Vietnam (Dien Bien) · International E&S Safeguards Specialist · SCP / AFD	2025–2026
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CAREER

Voltonia Ltd	Founder and Director, Senior E&S Consultant (Hong Kong / China)	2023–now
Antea Group	Head of the Environment and Waste Unit, International Division; Antea Benin representative (2019–2021)	2018–2023
SYSTRA	Director, Environmental and Sustainable Engineering Department (40 engineers)	2013–2018
EDF	Environment and Sustainable Development Officer	2012
WaterAid (UK)	Consultant, Planning Effectiveness Unit	2011–2012
Veolia Water Solutions & Technologies	Head of Methods and Organisation, Engineering Department (China)	2008–2010
European Commission, China and Mongolia Delegation	Interim Project Officer, EU–China River Basin Management Programme	2008
Egis	Environmental Project Manager	1999–2007

COUNTRIES OF OPERATION

China, Vietnam, Cambodia, Philippines, Indonesia, Malaysia, Azerbaijan, Saudi Arabia, Oman, Senegal, Benin, Togo, Ivory Coast, Mali, Djibouti, DRC, Congo, Burkina Faso, UK, Sweden, France, South Africa, Colombia, Madagascar, Algeria, Palestine (Gaza).

EDUCATION & TRAINING

MSc, Development Studies	London South Bank University (UK)	2012
MSc, Hydrogeology (groundwater)	Grenoble (France)	1999
Master's, Industrial Chemistry	Metz (France)	1998
Climate change mitigation in developing countries	University of Cape Town	2022
Ecosystem-based adaptation: working with nature to adapt to a changing climate	GIZ, IUCN, IISD	2023
Monitoring and evaluating a development project	AFD	2024
Appraising a development project: feasibility study and E&S assessment	AFD	2024
Languages	French (native) · English (fluent) · Mandarin (basic)	

Initiate a Project: deborah.philipp@voltonia.fr

Voltonia Ltd