

PERSONAL INFORMATION **Dr.-Ing. Georg Mehlhart**

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Date of birth 30/05/1962 | Nationality German

PROJECTS

PROJECTS	POSITION / FUNCTION
Mehlhart -Consulting	
01/2022 – 06/2023: Case study on electrical appliances for the implementation of the “duty of care” and analysis of the 2020 and 2021 data on WEEE. In cooperation with ARGUS and Oeko-Institut (German Federal Environmental Agency)	Expert
01/2022 – 12/2022: Supporting Europe’s repair sector In cooperation with partners of the ETC Circular Economy: CSCP, SEEDS, PlanMiljø, VITO, VTT, WRFA, BEC (European Environment Agency)	Expert
01/2022 – 06/2022: Waste prevention assessments and data flows: Preventing waste in Europe and monitoring frameworks In cooperation with partners of the ETC Circular Economy: CSCP, IVL, PlanMiljø, VITO, VTT, WI (European Environment Agency)	QA
11/2021 – 12/2021: Recommendations for improved waste management in Portugal in cooperation with PlanMiljø and 3drivers (Ministério do Ambiente e da Transição Energética)	Expert
10/2021 – 04/2022: Public involvement activities in preparation of an EU-wide Policy Framework on biobased, biodegradable and compostable plastics in cooperation with ECORYS and PlanMiljø (European Commission, DG Environment, Brussels)	Key Expert
03/2021: Mehlhart G.: Ad-hoc study: Model calculations to assess the achievable level of collection for waste batteries from e-bikes in Germany - No target for light means of transport until 2030 at least: A glaring and surprising weakness in the EC’s proposal for the Batteries Regulation.	Author
12/2020 – 06/2022: Study to support the impact assessment for the review of Directive 2000/53/EC on end-of-life vehicles in cooperation with Rambøll and Oeko-Institut (European Commission, DG Environment, Brussels)	Key Expert
10/2020 – 05/2021: Impact of COVID-19 on single-use plastics and the environment in Europe in cooperation with Oeko-Institut and Planmiljø (European Environment Agency)	Key Expert
09/2020 – 09/2022: Development of a measurement methodology for the extent of product reuse in Germany In cooperation with Oeko-Institut and Wuppertal Institut (Umweltbundesamt, Dessau (German EPA))	Key Expert
09/2020 – 12/2020: Nachhaltigkeitsaspekte der energetischen Nutzung von (Alt)Holz in Luxemburg (AP 3 Abfallrechtliche Fragen und Datenerfassung) in cooperation with IINAS (contractor), IZES and Oeko-Institut (Ministry of Environment & Ministry of Energy, Luxembourg)	Key Expert

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Öko-Institut e.V.	
2019 – 2023 (*1): FWC: Support on statistics on specific waste streams https://ec.europa.eu/eurostat/web/waste in cooperation with: ARGUS (Germany), Eunomia (UK) and Artemis (LU) (European Commission, DG Eurostat, Luxembourg)	Project Manager, Team Leader, Key Expert
2019 – 2021 (*1): Review of concrete measures to increase demand for plastic recyclates and plastic products containing recyclates in cooperation with: Institut für ökologische Wirtschaftsforschung GmbH (gemeinnützig) (German Federal Environmental Agency)	Project Manager, Team Leader, Key Expert
2019 – 2020: Assessment of options to improve particular aspects of the EU regulatory framework on batteries in cooperation with Rambøll Management Consulting A/S (Denmark), Environment Agency Austria (European Commission, DG Environment, Brussels, via Rambøll)	Key Expert
2019: <u>Analysis and communication of progress on Resource Efficiency and Green Economy</u> In cooperation with Trinomics (Netherlands) and Ricardo (UK) (European Commission, DG Environment, Brussels, via Trinomics)	Quality Assurance
2019: <u>EU Environment and Climate Change Policies: State of play, current and future challenges</u> (European Parliament's Committee on the Environment, Public Health and Food Safety)	co-writer
2019: <u>Evaluation of the Directive 2000/53/EC on end-of-life vehicles</u> In cooperation with Trinomics (Netherlands) and Ricardo (UK) (European Commission, DG Environment, Brussels, via Trinomics)	Key Expert
2018 – 2020 Study to identify and assess the feasibility of measures to enhance the impact of Directive 2006/66/EC on the protection of the environment, on the promotion of circular economy and on the smooth functioning of the internal market In cooperation with Trinomics (Netherlands) (European Commission, DG Environment, Brussels, via Trinomics)	Key Expert
2018 - 2019: <u>Study to support the Commission in establishing guidelines for separate collection of waste</u> In cooperation with EY (Belgium), RWA (RO, BG, UK), ACR+ (BE) and PlanMiljø (DK) (European Commission, DG Environment, Brussels)	Quality Assurance
2018 - 2019: <u>Study to support the Commission in gathering structured information and defining of re-reporting obligations on waste oil and other hazardous waste</u> Stahl, H.; Hay, D.; Mehlhart, G.; Merz, C.; Weishäupl, J. (European Commission, DG Environment, Brussels)	Senior Expert
2018 - 2019: <u>Study to establish a methodology for the reporting of reuse of products and rules for the reporting of reusable packaging</u> In cooperation with ACR+ (Belgium) and PlanMiljø (Denmark) (European Commission, DG Environment, Brussels)	Project Manager, Key Expert
2018 - 2021 (*2): Framework Contract: Assistance to the Commission on the implementation of the revised waste legislation, assessment of Waste Management Plans and monitoring of compliance with the Waste Framework Directive Contract Management Unit: Mehlhart, G.; W. Bulach; Hay, D. (European Commission, DG Environment, Brussels)	Director of the Contract Management Unit
2017 - 2018: Implementation of new regulations on waste statistics in consequence of new European waste law in cooperation with: ARGUS (Germany) and HTP (Germany) (German Federal Ministry for the Environment, via ARGUS)	Key Expert

¹ The work of Georg Mehlhart was terminated on 1.9.2020 with the termination of the employment at the Oeko-Institut e.V.

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<p>2017 - 2018: <u>Status quo, potentials for actions, tools and measures to reduce littering</u> Weishäupl, J.; Dehoust, G.; Mehlhart, G. <i>(Federal German Environmental Agency, via Zeus GmbH)</i></p>	<p>Key Expert</p>
<p>2017 - 2018: <u>Effects for the ELV waste management in consequences of the decisions of the Stockholm Convention on Deca-BDE</u> in cooperation with Prof. D. Goldmann TU Clausthal (Germany) <i>(European Automobile Manufacturing Association (ACEA))</i></p>	<p>Project Manager, Team Leader Key Expert</p>
<p>2017 - 2018: <u>Evaluation of the Directive 2006/66EC on batteries and accumulators and waste batteries and accumulators</u> in cooperation with Trinomics (Netherlands) and EY (France). <i>(European Commission, DG Environment, Brussels, via Trinomics B. V., Rotterdam (Netherlands))</i></p>	<p>Project Manager</p>
<p>2017 – 2019: Assistance in operation of Eurostat’s environmental data centre on waste, in cooperation with: ARGUS (Germany) and NIRAS, previously CRI (Denmark) https://ec.europa.eu/eurostat/web/waste <i>(European Commission, DG Eurostat, Luxembourg)</i></p>	<p>Project Manager, Team Leader Key Expert</p>
<p>2016 - 2017: <u>Support to Commission’s Compliance Promotion Initiative to assess the Implementation of Directive 2000/53/EU on end-of life vehicles (the ELV Directive) with emphasis on the end-of-life vehicles with unknown whereabouts.</u> In cooperation with ARGUS (Germany), ICEED (Belgium), Resources and Waste Advisory Group, RWA (UK) <i>(European Commission, DG Environment, Brussels)</i></p>	<p>Project Manager Key Expert</p>
<p>2015 - 2016: <u>Study on the Energy Saving Potential of Increasing Resource Efficiency</u> In cooperation with ECORYS (Netherlands), IDEA (Belgium), CRI (Denmark), ACTEon (France) <i>(European Commission, DG Environment, Brussels)</i></p>	<p>Team Leader Key expert</p>
<p>2014 – 2016: Assistance in the operation and further development of the environmental data centre on natural resources, https://ec.europa.eu/eurostat/web/natural-resources/introduction in cooperation with: IFEU (Germany) and Eunomia (UK) <i>(European Commission, DG Eurostat, Luxembourg)</i></p>	<p>Key expert</p>
<p>2014 – 2016: Assistance in operation and further development of Eurostat’s environmental data centre on waste, https://ec.europa.eu/eurostat/web/waste in cooperation with: ARGUS (Germany) and CRI (Denmark) <i>(European Commission, DG Eurostat, Luxembourg)</i></p>	<p>Project Manager, Team Leader Key Expert</p>
<p>2013 <u>Targets in the Waste Framework Directive, Landfill Directive and Packaging and Packaging Waste Directive: Options Review and Impact Assessment.</u> in cooperation with Eunomia (UK) and CRI (Denmark) <i>(European Commission, DG Environment, Brussels, via Eunomia)</i></p>	<p>Key Expert</p>
<p>2013: Re-Engineering, implementation and operation of the Environmental Data Centre on Natural Resources, in cooperation with Eunomia (UK) and ifeu (Germany) https://ec.europa.eu/eurostat/web/natural-resources/introduction <i>(European Commission, DG Eurostat, Luxembourg)</i></p>	<p>Project Manager, Team Leader Key Expert</p>
<p>2012 - 2015: Global circular economy of strategic metals (“Best-of-two-worlds approach”, Bo2W) <i>German Federal Ministry of Education and Research (BMBF), Berlin</i></p>	<p>Key Expert</p>
<p>2012 - 2013: Support to the plastics Industry in Germany, Austria and Switzerland to carry out an international workshop “how to avoid marine litter caused by land based activities”. <i>(BKV, Beteiligungs- und Kunststoffverwertungsgesellschaft mbH, Frankfurt)</i></p>	<p>Team Leader</p>
<p>2012: Landfill mining – option or fiction? <i>(Stiftung Zukunftserbe), Freiburg</i></p>	<p>Key Expert</p>

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2011-2012: Preparation and support to the tender procedures for Waste Management Services in Georgia <i>(Kreditanstalt für Wiederaufbau, KfW)</i>	Tender Agent
2011-2012: Review of the deliverables on behalf of the German Federal Ministry of Environment regarding the implementation of the VDI-Centre for Resource Efficiency	Senior Expert
2011: Potential and draw backs of the German Statistics on Waste, in cooperation with ARGUS (Germany) <i>(NABU, Nature and Biodiversity Conservation Union, Germany)</i>	Team Leader
2011: Study on land sourced litter (LSL) with regard to the Baltic Sea, the North Sea and the Mediterranean Sea <i>(BKV, Beteiligungs- und Kunststoffverwertungsgesellschaft mbH, Frankfurt)</i>	Team Leader
2010 – 2013: Assistance in the operation and further development of the environmental data centre on waste, in cooperation with: ARGUS (Germany), CRI (Denmark) and Eunomia (UK) <i>(European Commission, DG Eurostat, Luxembourg)</i>	Project Manager, Team Leader Key Expert
2010: Analysis of the European Second Hand Car Market, in cooperation with TML (Belgium) and COWI (Denmark) <i>(European Commission, DG CLIMATE ACTION, Brussel)</i>	Team Leader
2010: Joint Report with Eurometaux, addressing proposals to the European Commission regarding the Raw Material Initiative. <i>(Eurometaux, Brussels)</i>	Senior Expert
2010: Preparation and support to the tender procedures for Waste Management Services in Albania <i>(Kreditanstalt für Wiederaufbau, KfW)</i>	Tender Agent
2009: Selected potentials to reduce greenhouse gases in Waste Water Treatment <i>(Bundesverband der Deutschen Entsorgungswirtschaft, BDE)</i>	Senior Expert
2008 – 2010: Assistance in the implementation and operation of the Environmental Data Centre for waste, in cooperation with: ARGUS (Germany); GE-Systems (Luxembourg); Eunomia (UK); UAB EKOKONSULTACIJOS (Lithuania) <i>(European Commission, DG Eurostat, Luxembourg)</i>	Team Leader
Plejades GmbH	
2007 – 2008: Services for the preparation of Studies, conceptual projects and Tender Dossier for the rehabilitation of the former CMC mining and ore processing sites in the Lefke region, North-Cyprus, in cooperation with MWH, Belgium. <i>(European Commission, DG ENLARG, Brussel)</i>	Project Manager, Senior Expert
2007 – 2008: Technical Assistance for the Development of a Waste Management Plan. Assignment of ERM Romania / Germany <i>(Petrom E&P, Environmental Services Department, Romania)</i>	International Key Expert on waste management., assigned by ERM
2007 – 2008: Public Facilitator under the Mine Closure, Environmental and Socio-Economic, in cooperation with SPAN Consultants (NL) <i>(World Bank / Ministry of Economy and Finance of Romania)</i>	Project Manager
2007 – 2008: Review of the sector concept on Waste Management on behalf of the Federal Ministry of Development (Germany) <i>(Deutsche Gesellschaft für Technische Zusammenarbeit (GTZ) GmbH)</i>	Appointed Member of the Working Group for review.
2006 – 2007: Preparation of Project Pipeline in the Energy Sector to mitigate the Effects of the closure of NPP Kozloduy Block 1 to 4 <i>(Ministry of Energy of Bulgaria / EBRD)</i>	Deputy Project Director, Key Expert.
2006 – 2007: Development of Master Plan, Feasibility Study and Cohesion Fund Application for the water sector in 27 municipalities in 5 counties in Romania, in cooperation with MVV Consulting. <i>(Ministry of Water and Environment of Romania)</i>	Key Expert for EIA, water permits, and sludge disposal strategy

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<p>2005 – 2006: Economic, environmental and social impact of the decommissioning of nuclear installations in EU <i>(European Commission, DG TREN)</i></p>	<p>Senior Expert: statistics and strategies on energy and greenhouse gas</p>
<p>2005: Preparation and conduction of interministerial seminar on the preparation of the Bulgarian authorities to adsorb the available European Structural Fund for projects in the mining sector.</p>	<p>Senior Expert:</p>
<p>2003 – 2006: Regional Solid Waste Management Project in Mashreq and Maghreb countries (Algeria, Egypt, Jordan, Lebanon, Morocco, Syria, Tunisia, and West Bank and Gaza). <i>An International Consortium (IC) formed by GTZ GmbH / ERM / GWK has been contracted by the World Bank to provide expertise in implementing the project. (funded by EC and executed by World Bank)</i></p>	<p>Key Expert for PSP in Waste Sector. Author of the regional guideline on PSP, including the required legal framework. Development of the training documents on PSP to strengthen the capacity within the 8 countries; Conduction of four country workshops and subsequent training on the job to support the particular national activities regarding specific projects or institutional building in general. Development of generic bidding documents for waste management contracts enabling PSP provided and applied by several countries. Support to selected countries to improve their contract monitoring units respectively authorities.</p>
<p>2003 – 2004: Economic, environmental and social impact of early closure of the VVER 440 units of the Kozloduy Nuclear Power Plant: Assessment of consequences, preparation of elements for a strategy to mitigate identified consequences <i>(European Commission DG ENLARG / Council of Ministers Bulgaria)</i></p>	<p>Senior Expert for the evaluation of energy (efficiency) projects and privatisation strategy</p>
<p>2003: Support to the Establishment of Water Sector Regulator in Bulgaria, in cooperation with Eurolex, BG; Stone and Webster Consulting, USA. <i>(World Bank, Ministry for Water and Environment Bulgaria)</i></p>	<p>Senior Expert: for all aspects regarding Level of Services for the water utilities as well as penalty and monitoring regime (Contract Monitoring Unit / Authority).</p>
<p>2003 – 2004: Development of Environmental Key Performance Indicators for an international operating company in the sector of mining and construction materials in Belgium, France, Germany, Poland, USA and other areas. <i>(Confidential Industrial Client)</i></p>	<p>Project Manager and Senior Expert for all issues concerning water, wastewater, waste and EIA. The objective of the project was to develop a management information system which provides information on compliance with national and international regulations as well with internal strategies.</p>
<p>2002 -2003: Private Sector Participation Project Varna Shumen, Bulgaria (800,000 people) in co-operation with Arcadis, NL; Denton Wilde Sapte, GB; Eurolex, BG. <i>(World Bank, Ministry for Water and Environment Bulgaria)</i></p>	<p>Senior Expert: short-term water expert, preparing the Level of Services (LoS) the penalty and monitoring regime for the contract documents.</p>
<p>2003 – 2007: Several Phase I and Phase II Environmental Due Diligences for assets in the sectors: metal working factories, quarries, asphalt production facilities, ready cement mixing plants, coating factories, plastics processing facilities and others conducted in Czech Republic, Poland, UK, The Netherlands, France, Switzerland, Italy, Germany and eastern Germany, some of them in cooperation with WS Atkins London, WS Atkins Denmark, WS Atkins Poland, White & Chase and Feddersen (Frankfurt & London), Freshfields Bruckhaus Deringer (London) and others directly assigned by one of the parties (buyer or seller)</p>	<p>Senior Expert and Team Leader of (international) teams (as far as applicable for the particular project) Environmental due diligence, identification of non-compliance and definition of risks. Assessment of legal compliance regarding national and international environmental legislation.</p>

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Umweltplanung Bullermann und Schneble	
2002 – 2003: Preparation of a research and development proposal: “Effluent free housing area (200 - 300 households) in Darmstadt, Germany”, in co-operation with University Darmstadt, GTZ GmbH and Roediger Vakuum- und Haustechnik GmbH (<i>City of Darmstadt, Germany</i>)	Team Leader and Coordinator
2000 – 2002: Reorganisation of public waste collection, new services and fees for the <i>city Wiesbaden</i> (260,000 people),	Senior Expert
2000 – 2002: Input – Output balance (quantity / quality) of German water systems: public / industrial / agricultural water supply and waste water treatment in co-operation with Öko-Institut e.V. (Institute for applied ecology), (<i>German Federal Institute of Statistics</i>)	Senior Expert
1999 – 2000: Environmental Strategies till 2005 and till 2010 for industrial site (<i>Fa. Merk KgaA, chemistry site with 10 000 employees</i>),	Senior Expert
1999: Check out the possibilities for merging two public utilities (<i>Umlandverband Frankfurt and Wiesbaden</i>) in field of waste in co-operation with chartered accountant (KPMG, Arthur D. Little),	Senior Expert
1998 – 2000: EU research project “Achieving Sustainable and Innovative Policies through Participatory Governance in a Multi-Level Context”, with focus on „Implementing of the European Water Framework Directive” and “Private Shareholders of Water Utilities”	Member of the scientific board
1998 – 2002: Water treatment and recycling at Zoological Garden <i>Frankfurt a.M.</i>	Expert for design and procurement
1998 – 2001: Upgrading WTP <i>Kassel</i> (340.000 p.e.),	Expert for EIA
1998: Anaerobic treatment of biological waste from households (8,000 t/a) at the WTP <i>Kassel</i> (Co-Fermentation),	Expert for design
1998: Anaerobic treatment of biological waste from households (17,000 t/a) at the WTP <i>Wiesbaden Biebrich</i> (Co-Fermentation),	Expert for design and procurement
1998: Anaerobic treatment of organic waste (6.000 t/a) at the WTP <i>Mainspitz</i> (Co-Fermentation)	Expert for design
1997: Sewer system for “Hundsrücken II”/ <i>Nauborn (Wetzlar)</i> (18,4 ha)	Expert for preliminary and blueprint planning
1997: Mechanical and biological treatment of waste from households (140,000 t/a), <i>City of Wiesbaden</i>	Expert for design and procurement
1997: Aerobic/anaerobic treatment of biological waste from households (33.700 t/a) <i>Flörsheim, Wicker</i>	Expert for design and procurement
1996 – 2000: Upgrading WTP <i>Wiesbaden Biebrich</i> (130.000 p.e.),	Expert for EIA and procurement
1996 – 2000: Sewer system <i>Riedberg, Frankfurt a.M.</i> (100 ha),	Expert for preliminary and blueprint planning
1996 – 1997: Treatment of (biological) waste (City with 650.000 people) in co-operation with <i>Metzler Bank, Frankfurt</i>	Expert for design and procurement
Self employed	
1995: Upgrading WWTP <i>Wetzlar</i> (90.000 p.e.)	Design Expert
1995: Upgrading WWTP <i>Melsungen</i> (30.000 p.e.)	Design Expert
1995 – 1997: two pilot projects of the state “Hessian” concerning a new design approach which integrates more contest in the design strategy for WTP,	Member of the jury

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University of Kassel, Department Urban Water Management	
1990 – 1994: Development of interdisciplinary tools for ecological development-concepts for small and medium rivers in preparation on EU Water Directive (<i>Federal Ministry of Science and Technology, Germany; Federal State Hesse</i>)	Expert for waste water management and river basin management Member of the coordination board
1990 – 1993: EU research project: Upgrading Existing Trickling Filters for De-nitrification; in cooperation with: CEMAGREFF (F), CEBEDEAU (Be), BUL (Be), Thames Water (UK), University of Thessalonica (Gr) (<i>European Commission: STEP-Research Area 8</i>)	Expert for waste water treatment, National Project Manager
Upgrading of several WWTP, 1990 - 1994	Expert for waste water treatment,
Bjørnsen Consulting Engineers / TGU	
<i>Frankfurt Airport: anti ice chemicals (ammonia / acetate) on airplanes and landing ground, 1989 - 1991</i>	Expert for groundwater modelling and mitigations strategies
Modelling of diverse ground water bodies concerning the effects of water works or contamination by dumping grounds	Expert for groundwater modelling