

IEEM RECORDS for WASA here: KU Rudolph, CEO March 2020

ACADEMIC CAREER: Karl Ulrich Rudolph obtained his first academic certificate 1977 Master of Engineering (Dipl.-Ing). In 1980 he became Doctor of Civil & Sanitary Engineering at the Technical University of Darmstadt and 1982 Doctor of Economics University of Karlsruhe. Since 1983 he is Professor for Water Engineering and Management, at the University of Witten. In 2012, the VNU, Vietnam National University, conferred him the degree of an honorary doctor.

PROFESSIONAL CAREER: 1975 – 1977 International project engineer for Menzel Sewage Technology Ltd., Stuttgart. 1977 – 1981 Assistant for Prof. Klaus Toepfer, Council of Environmental Advisors, Wiesbaden. 1981 – 1985 Wastewater Treatment Plant Operator for GfA Nordhorn, Nordhorn. 1994 – 1999 BWB Berlin Water Works, Supervisory Board, Berlin. 1994 - 2001 Deutsche Bank AG, Advisory Board, Leipzig.

REFERENCES IN AFRICA: One of the first jobs in Africa was support for Babcock for the operational start-up of the Goreangab direct potable water reclamation plant in Windhoek. He worked 2000 for the GIZ project UWASAM (6 Kenyan towns) and 2003-2004 for GIZ to develop Algiers Water supply (Seawater desalination) PSP strategies and contract schemes, 2002 for Biwater/Silulumanza in Matsulu (Nelspruit) South Africa to coach the water concession scheme. 2004 for BMBF in South Africa he carried out a study on institutional (PSP) and technical conditions for research and project development of urban sewage treatment plants. 2006 – 2010 he coordinated the research project IWRM MOSA South-Africa sponsored by BMBF and WRC. In 2006, he and his team won the Global Contest of World Bank "Development Marketplace" for the creation and implementation of the first Water Franchise concept in Africa. 2008 - 2019, assigned by the City of Windhoek, he acted as financial and technical advisor to realize the Ujams Industrial Effluent Water Re-Use plant. 2013 – 2017 he worked in Uganda, as Financial and Technical Advisor for the Wastewater Treatment Facilities of the central drainage zones of Kampala NWSC, financed by KfW. In 2015, the City of Windhoek (CoW) assigned him through GWfA and Aurecon for the procurement and implementation of a Design, Build and Operate (DBO) type contract for the extension of the Gammams WWTW. 2017 he supported the Lake Victoria IWRM Program in Kenya, Ruanda, Uganda (KfW, EIB, AFD). Since 2016 till 2020, his IEEM team undertakes is piloting the rehabilitation and upgrade of existing sewage pond plant for production of irrigation water in Northern Namibia (EPoNa project).

REWARDS: Winner of the DIESEL Medal in gold (shared with Nobel prize bearer Prof. Eigen, 1997), Winner of the "1986 Award" for scientific and practical success in Commercialisation and Privatisation of Water Management. Winner of the 2006 Global Competition "Innovations in Water, Sanitation and Energy Services for Poor People" awarded by the World Bank President in Washington. Since 02/2008: Invited Guest Professor at the NEU - National Economics University of Vietnam, Hanoi, for Water Management. 2008: Member of the BMBF expert group "Water 2050". 2009-2015: Co-ordinator of the UNW-DPC working group on "Capacity Building in Water Efficiency". 2010: Panel Member for Country List FP8). 2010: Member of the German Delegation for the Vietnam-German Technological-Scientific Collaboration Negotiations BMBF ./ MoST, Hanoi. In 2011: Mandated Head of the "Vietnam-German Office for Water and Environmental Research" under MoST + BMBF. 2012: Conferred the Honorary Doctorship (Dr. h. c.) from the VNU, Vietnam National University, for "outstanding success in scientific project execution and implementation of technology based solutions in the water sector of Vietnam". Since 2012: Member of the Scientific and Technological Advisory Board for JPI, the Joint Water Programming Initiative of the European Commission. 2013: Winner of the EU "Best of the Best" Life Environment Project Award 2012 for IEEM Project IWPM. 2013-2018 Member of the Technical Advisory Committee - TAC), National Urban Sanitation Policy - NUSP, India.. Since 2014: Supervisory Board Member of WBO GmbH, Wirtschaftsbetriebe Oberhausen, the City's PPP-company for infrastructural services (solid waste, wastewater, roads and public gardens). 2015-2021: Chairman of PoCA, the Panel of Contract Advisors for the wastewater reclamation BOOT contract UJAMS and overall potable wastewater re-use scheme for the City of Windhoek.

PUBLICATIONS: 376 papers published in refereed journals (see www.uni-wh-ieem.de/en/publications).