

SESSION PROGRAM

German solutions for Egyptian water and wastewater projects - ATLANTIS

Cairo Water Week 2022, Nile Ritz-Carlton, Cairo, Egypt
October, 18th, 2022

Session 1: Energy savings in wastewater treatment

Time	Title	Speaker
13:30	Welcome and Introduction Ministry of Housing tbc German Water Partnership, Technical University Berlin	Prof. Dr. Sven Geissen, TU Berlin Julia Braune, GWP e.V.
14:00	Demands and potentials for energy saving in Egyptian Water Sector	Prof. Dr. Ahmed Moawad, Vice Chairman, Holding Company for Water and Wastewater
	From energy consumption towards production in WWTPs	Dr. Johannes Wellmann, TU Berlin
	Sludge to Energy Potentials: Limitations and Recommendations	Annette Ellmers, p2m Berlin GmbH
	WWTP Liebenwalde 47% energy savings by 42% capacity increase with 80% state funding	Markus Leidinger, Aerzener Maschinenfabrik GmbH
	Important aspects for an energy-efficient aeration system design	Martin Gräsl, Rudolf Messner Umwelttechnik AG
	Energy savings with modern trickling filter technology	Juan-Carlos Demmerle, Enxio Water Technologies GmbH
15:30	<i>Coffee Break, Exhibition and Networking</i>	
16:00	Circle of water - smart solutions made by KSB	Traugott Ulrich, KSB SE & Co. KGaA
	Benefits of automation for the plant operation	Alexandra Ervenich, Mitsubishi Electric Europe B.V.
	Potential of automated operation and digital twins	Mohamed Arafa, Siemens AG
	Intelligent aeration control for lowest energy costs to meet local effluent requirements	Maher AlHammoud, Binder Engineering GmbH

Session 2: Wastewater as an alternative water-resource

Time	Title	Speaker
17:00	The Nile Delta Water Management Program and GIZ activities in Egypt	Dr. Maha Khallaf, GIZ GmbH
	Leakage Detection Management System dedicated for W&WW	Dipl.-Ing. Michael Rumpf, Krohne GmbH
	Membrane filtration for water reuse	José Ordonez, MARTIN Systems GmbH
17:30	Discussion & conclusions	

Registration and further information: : <https://germanwaterpartnership.de/eventmanager/atlantis-german-solutions-for-egyptian-water-and-wastewater-projects/>

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