

# Greendustrial Dialogues Egypt 2022

Holistic Approach to the treatment of industrial wastewater

The Greendustrial Dialogues Egypt 2022 (October 19-20, 2022) bring the technology behind different best-practice-examples for industrial wastewater treatment to Cairo: In a two-day event, various German experts will present their holistic approach to a green, sustainable and energy-efficient treatment of industrial wastewater and will be looking forward to developing solutions to tackle current challenges in a workshop together with Egyptian users from the industry. A joint site-visit provides even more opportunities to discuss current trends and to exchange ideas.

## Program

### Wednesday, 19 October 2022, Conference

Cairo Water Week, The Nile Ritz-Carlton, Conference Room: Heliopolis

Moderation: Prof. Sven-Uwe Geißen, TU Berlin and Julia Braune, German Water Partnership e.V.

<b>09.00</b>	<b>Registration</b>
<b>09.30</b>	<b>Welcome</b>
	<ul style="list-style-type: none"><li>- Prof. Sven-Uwe Geißen/Julia Braune, GWP</li><li>- Sonja Miekley, DEinternational Egypt</li></ul>
	<b>Welcome Speech</b>
	<ul style="list-style-type: none"><li>- Parliamentary State Secretary Dr. Bettina Hoffmann (Video Message), German Federal Ministry for the Environment and Consumer Protection</li><li>- HE Prof. Dr. Hani Sewilam, Minister of Water Resources and Irrigation</li></ul>
	<b>Keynote Speeches</b>
	<b>Best Practice Solutions for Industrial Water and Wastewater Treatment</b>
	<ul style="list-style-type: none"><li>- Stefan Köppl, BHU Umwelttechnik GmbH</li></ul>
	<b>Status Quo &amp; Demand in Egypt</b>
	<ul style="list-style-type: none"><li>- Dr. Peter Riad, AHK Egypt, Africa Business Network</li></ul>
	<b>Q &amp; A</b>
<b>11.00-11.30</b>	<b>Coffee Break</b>
<b>11:30-13:00</b>	<b>Presentations Part 1</b>
	<b>Industry Reference Plant Rheda-Wiedenbrueck, Capacity Increase and Energy Optimization of the Biological Treatment Process</b>
	<ul style="list-style-type: none"><li>- Markus Leidinger, Aerzener Maschinenfabrik GmbH</li></ul>
	<b>Surface versus Fine Bubble Aeration for Industrial Wastewater</b>
	<ul style="list-style-type: none"><li>- Martin Gräsl, Rudolf Messner Umwelttechnik AG</li></ul>

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	<b>Intelligent and Robust Drive Technology for Challenging Environments – Ex. Valle del Chiampo (I)</b> - Alexandra Ervenich, Mitsubishi Electric Europe B.V.
	<b>Intelligent Aeration Control for lowest Energy Costs to meet local Effluent Requirements</b> - Hassan Ragab, Binder GmbH
	<b>Implement/Upgrade of Industrial WWTPs using Tricking Filter (Markets and requirements)</b> - Dr.-Eng. Noama Shareef, Water Engineering and Business, BRENTWOOD-ENEXIO
	<b>Q &amp; A</b>
<b>13.00-14.00</b>	<b>Lunch Break</b>
<b>14:00-15:30</b>	<b>Presentations Part 2</b>
	<b>Circle of Water - Smart Solutions made by KSB</b> - Traugott Ulrich, KSB SE & Co. KGaA
	<b>Solutions by BHU Umwelttechnik GmbH</b> - Stefan Köppl, BHU Umwelttechnik GmbH
	<b>Plant Efficiency &amp; Cost Optimization - Adding Value in Challenging Times</b> - Sherif Moharam, KROHNE Messtechnik GmbH
	<b>Bahr El Baquar – The Biggest Solar Sludge Drying Plant in the World</b> - Sebastian Kliemt, Huber SE
	<b>Q &amp; A</b>
<b>15:25</b>	<b>Closing Words</b>
<b>15:30</b>	<b>Invitation to the Matchmaking</b>
<b>Matchmaking and Exhibition of German Companies</b>	
<b>15.30-17.00</b>	Matchmaking with German companies
<b>Parallel</b>	Exhibition of German Companies

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## Thursday, 20 October 2022, Workshop

Cairo Water Week, The Nile Ritz-Carlton, Conference Room: Heliopolis

Moderation: Sven-Uwe Geißen, GWP/TU Berlin

<b>09.00</b>	<b>Registration</b>
<b>09.30-09.35</b>	<b>Welcome</b> <ul style="list-style-type: none"><li>- Sven-Uwe Geißen, GWP/TU Berlin</li></ul>
<b>09.35-09.55</b>	<b>Status of the Industrial Wastewater Treatment in Egypt</b> <ul style="list-style-type: none"><li>- Dr. Yahya Elsaie, Consulting Engineering Co.</li></ul>
<b>09.55-11.00</b>	<b>Parallel Working Groups: Discussion of local Challenges and concrete Solutions</b> <p>3 Working Groups:</p> <ul style="list-style-type: none"><li>- <b>Group 1: Capacity Expansion</b> led by Stefan Köppl, BHU Umwelttechnik GmbH:</li><li>- <b>Group 2: Water Reuse</b> led by Prof. Sven-Uwe Geißen, TU Berlin:</li><li>- <b>Group 3: Energy Efficiency</b> led by Felix Meyer-Horn, Aerzener Maschinenfabrik GmbH:</li></ul>
<b>11.00-11.30</b>	<b>Presentation of results</b>
<b>11.30-11.35</b>	<b>Conclusion &amp; Closing Words</b>
<b>11.35-12.00</b>	<b>Coffee Break</b>
<b>Site-visit</b>	
<b>12.00-18.00</b>	Transfer per bus & site-visit <u>Chipsy Food Industries (Pepsico) October Plant, 6th of October City tbc</u> Tour by Mr. Shoukry Rousdy, Chipsy Food Industries (Pepsico) October Plant

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Partners:



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MEASUREMENT & CONTROL



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ELECTRIC**

*Changes for the Better*



WASTE WATER Solutions



**BHU** Umwelttechnik

Environmental Technology – Water & Sludge



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