

WEX GLOBAL SUMMIT 2019 CONFERENCE AGENDA

Applying Intelligence to the Circular Economy in Water & Energy

4 – 6 March | Solverde Hotel, City of Gaia, Porto | Portugal



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Welcome...



A warm welcome to City of Gaia and WEX Global 2019, where our theme this year is 'Applying Intelligence to the Circular Economy in Water & Energy.'

In 2019 we find a hopeful industrial world where enlightened and progressive administrations are driving the implementation of the circular economy, such as the **EU Circular Economy Package**, published in 2018. In water and energy, digital innovation is making possible the facilitation and streamlining of circular economy methodologies, although there is much work to do. We will hear from leading utilities such as **Kalundborg** and **HOFOR**, while aligning with Water 4.0 global experts on how digital fits in, with a series of smart water sessions produced with the support of **WIPAC**.

As well as artificial intelligence, a key component of a successful circular economy is the application of real intelligence to make sure the economics stacks up to a net benefit. Our **Rational Economics** session explores what strategies actually make sense, and explores the surrounding parameters.

Each member of the water sector has a role to play in this new dynamic, in order to optimise the world's resources. At this considered summit, we will try to determine how to increase circular economy implementation and impact, by connecting digital technology and human intelligence within the wider context of industries, municipalities and civil society. **WEX Global 2019** brings together the people - those who can implement projects, those with technical know-how, and those who can benefit from international cooperation to overcome local challenges.

We hope you will enjoy the discussions, events and meetings over the next two days!

Mark Barker & Alison Ireland
WEX Global Ltd

SPEAKERS



KEYNOTE: Eng Pedro Matos Fernandes, **Minister of Environment and Energetics Transition**, Republica Portuguesa



KEYNOTE:
Albin Kaelin, CEO, **EPEA Switzerland**



Yleni De Neve, European Environment Manager, **Ab-inbev**



Alejandro Bevide, Director of Automation and Control, **Acciona**



Jorge Malfeito, Director of Research and Development, **Acciona**



Nuno Broco, Director of Engineering, **ADP Servicos**



Alexandra Serra, Managing Director, **ADP international, and President, Portuguese Water Platform, and Aquasis**



Miguel Lemos Rodrigues, Managing Director, **Aguas de Gaia**



Eunice Fonseca, Director of Wastewater Treatment, **Aguas de Gaia**



Frederico Vieira Martins Fernandes, President, **Aguas do Porto**



Leon Awerbuch, **International Desalination Consulting Associates LLC/LET**



Pedro Pova, Director of Asset Management, **Aguas do Tejo Atlantico**



Sylvain Usher, Executive Director, **African Water Association**



Hocine Rizou, Director General, **Algerian Energy Company**



Mohammed Taibi, Projects Director, **Algerian Energy Company**



Mihai Banciu, Project Implementation Unit, **APA Canal SA Sibiu**



Omar Hammoud, President & CEO, **APG-Neuros**



Dr. Antonio Cunha, CEO, **Aquapor Services**



Eng. Catarina Sousa, Head of Engineering Division, **Aquapor**



Professor Walid A. Abderrahman, Vice President,
Arab Water Council



Sahana Singh, Editor, **Asian Water Magazine**



Pedro Carreira, CEO, **Ausseur & Vic**



Mohamed Chaffi, Director General, **Beni Saf Water Company**



Eryl Edwards, Commercial Manager, **BESIX**
Concessions and Assets



Ghassan Ejeh, Senior Vice President, **BESIX**



Xavier Joseph, Head of Concessions and Assets,
BESIX



Alberto Carvalho Neto, General Manager, **BEWG**



Jim Southworth, Managing Director, **BOX Energi**



Davy Ringoot, Business Unit Director Europe,
CAMBI



Eric Kalmbach, Director of Development Assistant
Programs, **CDM Smith**



Jean-Marc Petit, Director of Engineering & Technical
Services, **Central Contra Costa Sanitary District**



Adel Hagekhalil, Executive Director & General
Manager, Bureau of Street Services, **City of Los Angeles**



Ryan Welsh, Chief Engineer, **City of Cincinnati**



Mohsen Mortada, President, **Cole Engineering**



Pavel Policar, Chairman, **Czech Water**



Biju George, COO, **DC Water**



Gigi Karmous-Edwards, Consultant, **Digital Specialist Water energy Food Nexus**



Andrew Donnelly Advisor to the Board, Head of
Network Monitoring, **EPAL**



Alistair Clark, Managing Director, **EBRD**



Enrique Cifres, Managing Director, **eWater Consult**



Mark Muller, Development Manager Europe,
FCC Aqualia



Frank Rogalla Head of Innovation, **FCC Aqualia**



Truls Klavestad, Sales Manager, **Filtralite**



Juan Manuel Revuelta, Executive Director,
Finnova Foundation



Michael Botse Baidoo, Chief Manager Project
Planning and Development, **Ghana Water Company**



Patrick Kaminsky, Managing Director, **GKW**



Martin Andreas Petersen, CEO and Co-Founder,
Green Tech Challenge



Marlon Daniels, Executive Director Commercial
Services, **Guyana Water Inc**



Andrew Thornton, European Projects Director,
Hach



Thor Danielsen, Planner- Rain and Wastewater,
Hofor A/S



Dobromir Simidchiev, Chief Executive Officer,
Hydrolia Water Works



Mohammed S Halawani, CEO, **International Water Distribution Company (Tawzea)**



Fiona Griffith, Managing Director, **Isle Utilities**



Ester Rus Perez, Principal Engineer, **Jacobs Engineering**



Pernille Ingildsen, Senior Chief of Projects,
Kalundborg Forsyning



Tadeusz Krezelewski, President, **Krevox**



Hans-Ulrich Buchholz, **L'Oréal**, Head of
Environmental Compliance

SPEAKERS



Leon Awerbuch, **Leading Edge Technologies**



Jaime Melo Baptiste, Team Leader, **Lis-Water**



Nicola Rivezzi, IT Director, **Metropolitan Milanese**



Awaadh A. Al Otaibi, CEO, **Miahona**



Alberto Tapia, **Microsoft**



Ines Costa, Advisor, **Ministry of Environment Portugal**



Atter Ezzat Hannoura, Director, PPP Central Unit, **Ministry of Finance, Egypt**



Carlos Jimenez Saiz, CTO, **MYTRA**



Samuel Ojanga, Technical Director, **Nairobi Water**



Mark Barnett, President, **National Water Commission, Jamaica**



Silver Mugisha, CEO, **National Water and Sewerage Corporation**

Mahmoud Hafsi, Head of Technology Watch Department, International Institute for Water and Sanitation, **ONEE**



Khalid Tahri, Technical and Engineering Director, **ONEE**



John McConomy, Commercial Director, **OxyMem**



Joao Simao Pires, Executive Director, **Portuguese Water Partnership**



Marek Gromiec, Special Advisor on Environment, **Polish Senate**



Sokol Xhafa, **Prishtina Water**, Kosovo



Dr Dirk Wittenberg, COO, **Remondis Aqua International**

Barry Oliver, **Royal HaskoningDHV**



Jokin Larrauri, VP Global Sales & Business Development, **Schneider**



Christian Ziemer, Director Process Industries and Drives Division, **Siemens**



Khaled Zaabar, Director of Energy Management, **Sonede**



Stephen Palmer, Technical Director, **Stantec**



Miguel Angel Sanz, Director of Strategic Development, SUEZ Treatment Infrastructure. President IDA, **SUEZ**



Jose Maria Ouro Lopez, Deputy CEO, **SUEZ**



Dr Corrado Somariva, CEO & Founder **SWPC**



Mark Lane, Consultant, **UK Water Partnership**



Michele Romano, Senior Engineer, **United Utilities**



H.E. Dr. Abdullah M. Al-Shehri, Governor, **Electricity & Cogeneration Regulatory Authority (ECRA), Kingdom of Saudi Arabia**



Richard Menezes, Executive Vice Chairman & Managing Director, **Utico**



Ana Manyarova, Head of Regulation and Implementation of the concession contract, **Veolia Bulgaria**



Patrick Sheilds, General Manager, **West Basin Municipal Water**



Khaled bin Zwaid AlQureshi, CEO, **WEC**



Martin Wood, Design Manager Grid, **Wessex Water**



Roberto Zocchi European Business Director, **WRC**



Oliver Grievson, Technical Lead, **Z-Tech Control Systems**

AGENDA

TUESDAY 5TH MARCH

8.00 - 8.30	BUSINESS MEETING ONE
8.30 - 9.00	BUSINESS MEETING TWO
9.05 - 9.15 COSTA VERDE	CHAIR'S OPENING REMARKS: Jim Southworth , Chairman, BOX Energi and Joao Simao Pires , Executive Director, PPA
9.15 - 9.25 COSTA VERDE	WELCOME SPEECH: Eduardo Vitor Rodrigues , Mayor of Gaia
9.25 - 9.40 COSTA VERDE	OPENING KEYNOTE: Secretary of State: Eng Pedro Matos Fernandes , Minister of Environment and Energetics Transition, Republica Portuguesa
9.45 - 10.45 COSTA VERDE	TACKLING CLIMATE CHANGE AND BUILDING RESILIENCE IN THE SMART CITY SESSION 1 CHAIR: Mohsen Mortada , President, Cole Engineering PANEL: Dr Adel Hagekhalil , General Manager and Executive Director, Los Angeles Bureau of Street Services; Mark Barnett , President, The National Water Commission, Jamaica; Nuno Broco , Director of Engineering, ADP, Mark Lane, Consultant, UK Water Partnership; Khaled bin Zwaid AlQureshi , CEO, WEC SPONSOR: Cole Engineering
10.45 - 11.45 COSTA VERDE	IMPROVING ENERGY EFFICIENCY IN WATER AND WASTEWATER TREATMENT SESSION 2 CHAIR: Omar Hammoud , President & CEO, APG-Neuros PANEL: Ryan Welsh , Chief Engineer, City of Cincinnati; Biju George , COO, DC Water; Jean-Marc Petit , Director of Engineering and Technical Services, Central Contra Costa Sanitary District; Jim Southworth , Chairman, BOX Energi; Sokol Xhafa , Technical Director, RWC Prishtina SPONSOR: APG Neuros
10.45 - 11.45 NOVA IORQUE	SMART WATER STREAM: DIGITAL DESALINATION IN THE CIRCULAR ECONOMY: INTELLIGENT WATER FOR THE FUTURE SESSION 3 Alejandro Beivide , Director of Automation and Control, Acciona; Jokin Larrauri , VP Global Sales & Business Development, Schneider; Christian Ziemer , Director Process Industries and Drives Division, Siemens; Carlos Jimenez Saiz , CTO, MYTRA; Alberto Tapia , Solution Specialist Data & IoT, Microsoft SPONSOR: Acciona Agua
11.50 - 12.20	BUSINESS MEETING THREE
12.20 - 12.50	BUSINESS MEETING FOUR
12.55 - 13.55 COSTA VERDE	INTEGRATING ACTION ON WATER ENERGY AND WASTE IN THE CIRCULAR ECONOMY SESSION 4 CHAIR: Eryl Edwards , Commercial Manager, BESIX Concessions & Assets PANEL: Xavier Joseph , Head of Concessions & Assets, BESIX; Ester Rus Perez , Principal Engineer, Jacobs; Davy Ringoot , Business Unit Director, CAMBI; Asam Al Mula , Director, Water Department SEWA SPONSOR: BESIX
12.55 - 13.55 NOVA IORQUE	SMART WATER STREAM: INSTRUMENTATION & CONTROL IN THE WATER INDUSTRY SESSION 5 CHAIR: Andrew Thornton , European Projects Director, Hach PANEL: Stephen Palmer , Technical Director, Stantec; Oliver Grievson , Technical Lead, Z-Tech Control Systems; Barry Oliver , Sales Director Water Products & Innovation, Royal HaskoningDHV; Nuno Broco , Director of Engineering, ADP; Pernille Ingildsen , Senior Chief of Projects, Kalundborg Forsyning SPONSOR: Hach
14.00 - 15.30 RESTAURANT	WEX GLOBAL EXCHANGE LUNCH

AGENDA

15.30 - 16.30	RATIONAL ECONOMICS AND THE CIRCULAR ECONOMY	SESSION 6
COSTA VERDE	<p>CHAIR: Fernando Ferreira, Executive Board Member, Be Water SA</p> <p>PANEL: Joao Simao Pires, Executive Director, Portuguese Water Partnership; Ines Costa, Advisor to the Ministry of Environment; Ghassan Ejeh, Senior Vice President, BESIX; Frederico Vieira Martins Fernandes, President, Aguas do Porto</p> <p>SPONSOR: Be Water</p>	
15.30 - 16.30	SMART WATER STREAM: IMPROVING ASSET MANAGEMENT USING INTELLIGENT MONITORING SOLUTIONS	SESSION 7
NOVA IORQUE	<p>PANEL: Dr. Antonio Cunha, CEO, Aquapor Services; Jaime Melo Baptiste, Team Leader, Lis-Water; Eng. Catarina Sousa, Head of Engineering Division, Aquapor; Mahmoud Hafsi, Head of Technology Watch Department, International Institute for Water and Sanitation, ONEE; Michele Romano, Senior Engineer, United Utilities; Professor José Saldanha Matos, Founder & Partner, HIDRA</p> <p>SPONSOR: Aquapor</p>	
16.30 - 17.30	INNOVATIONS FORUM PT 1	SESSION 8
COSTA VERDE	<p>CHAIR: Fiona Griffith, Group Director, Isle Utilities</p> <p>PANEL: Frank Rogalla, Head of Innovation, Aqualia; Jaime Melo Baptiste, Team Leader, Lis-Water; Martin Andreas Petersen, CEO and Co-Founder, Green Tech Challenge; Roberto Zocchi, European Business Director;</p> <p>INNOVATORS: Michael Murray, Managing Director, NVP Energy; Jamie Barba, CEO, Go-Aigua; John McConomy, Commercial Director, Oxymem; Yuri Obst, Founder, Baleen Filters</p> <p>SPONSOR: Aqualia</p>	
16.30 - 17.30	MIDDLE EAST BUSINESS FORUM	SESSION 9
NOVA IORQUE	<p>Richard Menezes, Executive Vice Chairman & Managing Director, Utico; Mohammad S Halawani, CEO, International Water Distribution Company (Tawzea); Professor Walid A. Abderrahman, Vice president of the Arab Water Council; Khaled bin Zwaïd AlQureshi, CEO, WEC; Dr Corrado Somariva, CEO & Founder SWP; Dr Alaelddin Idris, Head Of Research at Sharjah Electricity & Water Authority (SEWA)</p>	
17.30 - 18.30	INNOVATIONS FORUM PT 2	SESSION 10
COSTA VERDE	<p>CHAIR: Fiona Griffith, Group Director, Isle Utilities</p> <p>PANEL: Frank Rogalla, Head of Innovation, Aqualia; Jaime Melo Baptiste, Team Leader, Lis-Water; Martin Andreas Petersen, CEO and Co-Founder, Green Tech Challenge; Roberto Zocchi, European Business Director;</p> <p>INNOVATORS: SEE INNOVATIONS FORUM PT 1 (Session 8)</p> <p>SPONSOR: Aqualia</p>	
17.30 - 18.30	DESALINATION AND THE CIRCULAR ECONOMY	SESSION 11
NOVA IORQUE	<p>CHAIR: Miguel Angel-Sanz, Director of Strategic Development, SUEZ Treatment Infrastructure, President, International Desalination Association</p> <p>Leon Awerbuch, International Desalination Consulting Associates LLC/LET; Jorge Malfeito, Director of Research and Development, Acciona; Dr Corrado Somariva, CEO & Founder SWPC; Khaled bin Zwaïd AlQureshi, CEO, WEC</p> <p>SPONSOR: SUEZ</p>	
18.35 - 19.05	BUSINESS MEETING FIVE	
19.05 - 19.35	BUSINESS MEETING SIX	
20.00	COACHES LEAVE FOR GALA DINNER	

AGENDA

WEDNESDAY 6TH MARCH

8.00 - 8.30	BUSINESS MEETING SEVEN
8.30 - 9.00	BUSINESS MEETING EIGHT
9.05 - 9.25 COSTA VERDE	KEYNOTE PRESENTATION: Albin Kaelin , CEO, EPEA Switzerland
9.25 - 10.25 COSTA VERDE	SMART WATER STREAM: TURNING DATA INTO INFORMED DECISION-MAKING SESSION 12 CHAIR: Miguel Lemos Rodrigues , Executive Director, Aguas de Gaia, PANEL: Thor Danielsen , Planner- Rain and Wastewater, Hofer A/S; Nicola Rivezzi , IT Director, Metropolitan Milnese; Andrew Donnelly , Advisor to the Board, Head of Network Monitoring, EPAL; Martin Wood , Design Manager Grid, Wessex Water; Pedro Carreira , CEO, Ausseur & Vic SPONSOR: Aguas De Gaia
9.25 - 10.25 NOVA IORQUE	CENTRAL AND EAST EUROPEAN BUSINESS FORUM SESSION 13 CHAIR: Professor Marek Gromiec , Advisor to the Polish Parliament on Environment Tadeusz Krezelewski , President, Krevox; Pavel Policar , Chairman, Czech Water; Ana Manyarova , Head of Regulation and Implementation of the Concession Contract,, Veolia; Mark Muller , Development Manager Europe, Aqualia; Sokol Xhafa , Technical Director, RWC Prishtina; Adam Pawlicki , The Mayor, City of Jarocin
10.25 - 11.25 COSTA VERDE	NORTH AFRICA BUSINESS FORUM SESSION 14 CHAIR: Abdel Malek Riad , Business Development Director North Africa & Near East, SUEZ Hocine Rizou , Director General, Algerian Energy Company; Mohammed Taibi , Projects Director, Algerian Energy Company; Khalid Tahri , ONEE, Technical and Engineering Director; Mohamed Chaffi , Director General, Beni Saf Water Company SPONSOR: SUEZ
10.25 - 11.25 NOVA IORQUE	WATER CYCLE MANAGEMENT AND WATER REUSE SESSION 15 CHAIR: Patrick Kaminsky , Managing Director, GWK Consult GmbH PANEL: Dr Dirk Wittenberg , COO, Remondis Aqua International; Mihai Banciu , Project Implementation Unit, SC Apa Canal SA Sibiu; Patrick Shields , General Manager, West Basin Municipal Water District, California; Han Huynh , Project Engineer, ENGIE Lab Laborelec SPONSOR: Tractebel
11.30 - 12.00	BUSINESS MEETING NINE
12.00 - 12.30	BUSINESS MEETING TEN
12.35 - 13.35 COSTA VERDE	APPLYING CIRCULAR ECONOMY SOLUTIONS IN WASTEWATER TREATMENT SESSION 16 CHAIR: Professor Marek Gromiec , Advisor to the Polish Parliament on Environment Albin Kaelin , CEO, Environmental Protection Encouragement Agency; Yleni De Neve , European Environment Manager, Anheuser-Busch InBev; Dobromir Simidchiev , Chief Executive Officer, Hydrolia Water Works; Pedro Povoas , Director of Asset Management, Aguas do Tejo Atlantico; Sokol Xhafa , Technical Director, RWC Prishtina
12.35 - 13.35 NOVA IORQUE	REGIONAL BUSINESS FORUM AFRICA SESSION 17 CHAIR: Eric Kalmbach , Director of Development Assistant Programs, CDM Smith Silver Mugisha , CEO, National Water and Sewerage Corporation; Samuel Ojanga , Technical Director, Nairobi Water; Sylvain Usher , Executive Director, African Water Association; Michael Botse Baidoo , Chief Manager Project Planning and Development, Ghana Water Company; Jim Southworth , Integrated Water Resources International (IWRI) and Chairman Box Energi SPONSOR: CDM Smith

AGENDA

13.35 - 14.35	NETWORKING LUNCH
14.40 - 15.10	BUSINESS MEETING ELEVEN
15.10 - 16.00	TECHNICAL LEADERS FORUM SESSION 18
COSTA VERDE	<p>CHAIR: Oliver Grievson, Executive Director, Water Industry Process Automation and Control, Technical Lead Z-Tech Control Systems</p> <p>Roberto Zocchi, European Business Director, WRC; Jorge Malfeito, Director of Research and Development, Acciona; Enrique Cifres, Managing Director, eWater Consult; Gigi Karmous-Edwards, Digital Specialist Water-Energy-Food Nexus; Frank Rogalla, Head of Innovation, FCC Aqualia; Leon Awerbuch, Leading Edge Technologies</p>
16.00 - 16.50	PRESIDENTS FORUM SESSION 19
NOVA IORQUE	<p>CHAIR: Sahana Singh, Editor, Asian Water</p> <p>PANEL: Jose Maria Ouro Lopez, Deputy CEO, SUEZ, Central America, Caribbean, Colombia and Ecuador, Silver Mugisha, CEO, National Water and Sewerage Corporation; Richard Menezes, Executive Vice Chairman & Managing Director, Utico; Mohsen Mortada, President, Cole Engineering; Alexandre Serra, Managing Director, ADP international and President, Portuguese Water Platform, and Aquasis; Miguel Angel-Sanz, President, International Desalination Association, Director of Strategic Development, SUEZ Treatment Infrastructure</p>
16.50	CLOSING REMARKS:
COSTA VERDE	Jim Southworth , Chairman, BOX Energi and Joao Simao Pires , Executive Director, PPA



WITH THANKS TO:

Muntsa Cuchi, Jamila Evans-Evans and Claire Steele who were invaluable in the production of WEX Global 2019.