



The Global Water Summit 2011

FOCUSING on PERFORMANCE

18th and 19th April 2011,
The Intercontinental Hotel, Berlin

Global
Water Intelligence

Sunday 17th April

FROM 5.30PM: REGISTRATION

FROM 7.30PM: CONFERENCE WELCOME DRINKS IN THE DORINT HOTEL PAVILLION.

Day 1: Monday 18th April

9.00 AM CONFERENCE WELCOME & KEY NOTE SESSION (POTSDAM BALLROOM 1) CHAIRIED BY PADDY PADMANATHAN, PRESIDENT AND CEO ACWA POWER

Michel Camdessus, Former Managing Director, International Monetary Fund - "Water and the public sector financial crisis."

The biggest challenge facing the global water sector today is finance. In many countries, the old model, based on central government finance has been broken by the global financial crisis. Water utilities must therefore do more for less, and find new ways of raising money. As a former Managing Director of the International Monetary Fund and author of the influential Camdessus Report on Water Finance, Michel Camdessus is ideally placed to offer his insight into what the public sector financial crisis means for the water industry.

Prof. Jay Famiglietti, Director, University of California Centre for Hydrological Modelling - "The global water challenge as seen from space."

Global warming is bringing both devastating floods and searing droughts in its wake. It puts the performance of water utilities on the line as never before. Using satellite data from NASA, Professor Famiglietti has build up the most detailed picture to date of the evolving pattern of global water availability.

Chandran Nair, Founder, Global Institute for Tomorrow - "Water and the challenge of Asia's economic rise."

If economic growth in Asia continues as it has been, it will put impossible strains on the world's resources – especially its water resources. Environmental Consultant Chandran Nair, author of Consumptionomics, explains how constraints on resource consumption will shape the new economy, and the central role of the water industry in Asia's future growth.

Jörg Simon, Executive Director, Berlinwasser - "Delivering performance amidst austerity."

After the Wall came down in 1989 the city state of Berlin was pitched into a financial crisis from which it is still recovering. Over the same period of time it has managed to build a world class water utilities. What can we learn from the experience of Berlinwasser about delivering performance when money is tight?

10.45 AM: COFFEE BREAK

11.30 - 1.00 PM NETWORKING ROUND TABLES (POTSDAM BALLROOM 1 & 3)

The conference speakers and specially invited guests host tables of ten to lead discussions on their areas of expertise. Introduce yourself around the table. Listen to the presentation. Take part in the discussion and move on. After three half-hour sessions you will have made the new contacts you need to make the most of the conference. Tables include:

- **David Henderson**, Managing Director, XPV Capital - "Making venture capital investment in water work."
- **Tuna Ozaner**, CEO TASK, Turkey - "Resurrecting the PPP Market in Turkey."
- **Petr Zolotarev**, CEO of Rosvodokanal - "Opportunities in Russian water."
- **McKinsey & Co.** - "Performance and Benchmarking for utilities."
- **Mohamed Rifki**, Director of Wastewater, Ministry of the Interior, Morocco - "National wastewater strategy in Morocco."
- **Dr Vasile Ciomos**, President of the Romanian Water Association - "The development of the Romanian water sector."
- **Jose Salazar**, SUNASS, Peru - "Ensuring performance in Peru: New Directions in Water Regulation."
- **Steve Maxwell**, TechKNOWLEDGEy Strategic Group - "The mergers and acquisitions market."
- **Marco Velazquez Holguin** - Deputy Director General, CONAGUA - "Mexico's Water Change Program."
- **Khalil Attia**, CEO ONAS, Tunisia - "Tunisia's Wastewater Challenge."
- **Dr Zheng Xingcan**, Chief Engineer, National Engineering Research Center for Urban Water & Wastewater of China - "Understanding China's Design Institutes."
- **Debra Coy**, Principal, Svanda & Coy Consulting - "Investing in Water: New Trends and Directions."
- **Rania Zayed**, PPP Central Unit, Ministry of Finance, Egypt - "PPP Projects in Egypt."
- **Guy Horowitz**, Vice President, TaKaDu - "A Smart Water Network Case Study."
- **Victor Garnreiter**, CEO Eura-wasser - "Germany's communal model for water management."
- **Dmitry Karlik**, CFO St Petersburg Vodokanal - "The Neva Water PPP."
- **Taqsem Khan**, Managing Director, WAS Dhaka - "The Challenges of a Mega City Public Water Authority in a Developing Country."
- **Hassan Nouha**, Director of Regies, Interior Ministry, Morocco - "The Turnaround of the Regies, and Opportunities in Morocco."
- **Ross Young, Max Borchardt and Dennis Gibson** - "Alliances in Australian Water."
- **Thomas Altmann**, ILF Consulting Engineers - "Water for the world's largest solar project."
- **Dave Penrice**, CEO, Aqua Capital Management - "The Water Rights Market."
- **Michael Deane**, Executive Director, NAWC - "Comparing Public and Private Water Utility Rates - Performance and Efficiency."
- **Jennifer Hosterman**, US Conference of Mayor's Water Council, - "Opportunities in EPA compliance."
- **Chandran Nair**, Founder, The Global Institute for Tomorrow - "China's Environmental Challenge."
- **Syed Hasnain**, Deputy Managing Director, Karachi Water & Sewerage Board - "Water and Wastewater Projects in Karachi."
- Further topics TBC

1.00 - 2.30 PM LUNCH

Break out sessions sponsored by:



DESALINATION AND REUSE SESSION (POTSDAM BALLROOM 3)

2.30 PM: DESALINATION AND REUSE IN 2030

The desalination industry has evolved dramatically since the first large scale distillers were introduced in the Middle East in the 1950s, but the biggest change is still to come. The potential demand for additional renewable freshwater resources is so great that it is difficult to see how it might be met by existing technologies. A panel including **Dr Cynthia Daniell** from the United States Defense Advanced Research Projects Agency (DARPA), **Ross Young**, Executive Director at the Water Services Association of Australia, and **Dr Sherwin Gormly** from HTI, and **Michael Flynn** from NASA's Ames Research Centre looks into the deep future for desalination and reuse. Chaired by **Tom Pankratz**, Editor of Water Desalination Report.

MUNICIPAL SESSION (POTSDAM BALLROOM 1)

2.30 PM: THE POLITICS OF PERFORMANCE

Politics and performance so often work against each other in the water sector. Doubly so in these difficult financial times. Rate increases, long term capital expenditure programmes, value for money, and discussions about private sector participation are politically unattractive, but often essential aspects of delivering performance. We have invited a high level panel of politicians and public and private sector utility leaders including **Jennifer Hosterman**, Chair of the US Mayor's Water Council, **Marco Velazquez Holguin**, Deputy Director General at CONAGUA Mexico, **Diane D'Arras**, Deputy Managing Director of Suez Environnement, **Shayo Holloway**, General Manager of Lagos Water Corporation and **Fernando Reis**, CEO of Foz Do Brasil, to look at how politics and performance in the water sector can be brought into closer alignment. Chaired by **Usha Rao Monari**, Global Head of Water, IFC.

INDUSTRY SESSION (CHARLOTTENBERG ROOM)

2.30PM: WATER PERFORMANCE IN INDUSTRY - ARE WE ASKING THE RIGHT QUESTIONS?

Industrial water users are under pressure to improve their water performance. It is an important part of Corporate Social Responsibility as well as a significant risk management issue. Water footprinting is arguably too simplistic a solution, but in order to find a workable alternative we are going to have to go back to basics and ask what we need to know. This session aims to establish the principals behind the measurement of water performance in the industrial sector. Speakers include **Laurent Auguste**, President and CEO of Veolia Americas, **Dr Ashok Chapagain** from WWF, **Marcus Norton** from the Carbon Disclosure Project, **Martijn Kruisweg** from Akzo Nobel, **Dr Liese Dallbauman** from PepsiCo and **Carlo Galli**, Technical and Strategic Advisor on Water Resources at Nestlé. Chaired by the BBC Environment Analyst **Roger Harrabin**.

4.00 PM TEA BREAK

4.30 PM: DESALINATION AND REUSE IN 2011

Three years ago the desalination industry was driven by Spain, the east coast of Australia, Algeria and the property boom in the Emirates. The financial crisis, the continued growth of the BRIC economies and the Pacific Ocean cooling cycle have changed all that. Instead new markets are opening up driven by the minerals boom, changing water resources strategies, and changing weather patterns. The people behind the new generation of desalination projects explain their strategy and objectives. Including **Rania Zayed**, Director of Egypt's PPP central unit at the Ministry of Finance, **Halla Razak** from the San Diego County Water Authority, **Dennis Gibson**, Director of Dennis Gibson and Associates and **Hu Fleming**, Global Director of Hatch Water. Chaired by **HE Dr Abdulmajeed Ali Alawadhi**, CEO of the Electricity and Water Authority, Bahrain.

4.30 PM: THE PERFORMANCE CHALLENGE

What are the best utilities doing to improve their performance? We have shortlisted seven utilities to present initiatives which have made a difference. Each will be presented in the quick-fire 8 minute Pecha Kucha format before the audience votes on the best presentation. The winner will receive a Global Water Award, "Water Performer of the Year". Shortlisted presenters include: **Klaus Neder**, Special Projects Advisor, CAESB, Brazilia **Taqsem Khan**, Managing Director, WASA Dhaka, Bangladesh, **Chuck Weber**, Operations Superintendent, Wolcott WTP Johnson County, Kansas **Lonnie Frost**, Public Works Director, Gilbert, Arizona **Epsica Chiru**, APA Nova Bucharest **Zbigniew Maksymiuk**, Saur Neptun Gdansk **Jean-Marc Jahn**, CEO, SEAAL, Algiers Chaired by **Dan McCarthy**, President and CEO of Black and Veatch Water.

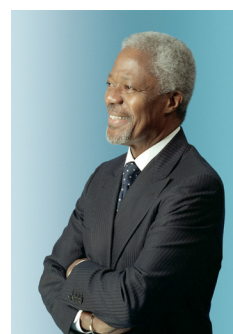
4.30 PM: WATER PERFORMANCE IN THE FOOD AND BEVERAGE INDUSTRIES

The food and beverage sector uses more water in its supply chain than any other industry. It is also more exposed to consumer concerns about water usage and sustainability. **Claudia Ringler** of the International Food Policy Research Institute presents an overview of the food and water nexus while **Klaus Stadler** of Coca-Cola and **Dan Bena** of PepsiCo, along with **Richard Bedford** of Diageo, **Patrick Regan** from GE and **Johan Raap** of Royal Cosun present their achievements and discuss what more can be done to improve water performance in the food and beverage sector. What technologies are going to ensure that these ambitions can be achieved? Session chaired by **David McBain** of Veolia.



MONDAY 7.30PM:

The Global Water Awards Dinner with Former Secretary General of the United Nations, Kofi Annan



Day 2: Tuesday 19th April

9.00 AM KEY NOTE SESSION (POTSDAM BALLROOM 1)

Sanjay Bhatnagar, CEO of WaterHealth International - "A scalable for-profit approach to serving the poor."

One of the big obstacles to bringing water services to low income communities is the lack of a viable business model. WaterHealth International has challenged the assumption that you can't make a business out of selling safe water to the poor, and raised serious money from venture capitalists to scale up its activities internationally. Is this the breakthrough the bottom billion have been waiting for?

Tony Wray, CEO of Severn Trent - "Water, money and performance."

When the British government was overwhelmed by the liabilities associated with upgrading its water infrastructure back in the 1980s, it took the decision to sell all the utilities in England and Wales to private investors. It brought a welcome inflow of cash into the Treasury, and exempted the government balance sheet from any further capital commitments towards water. Today as governments across the developed world find themselves short of money, but liable for growing capital expenditure on water, the British privatisation model is back on the agenda. The CEO of one of the few remaining UK utilities with international ambitions, assesses the private water proposition in the context of the current state of financial affairs.

Djeevan Schiferli, Business Development Executive, Climate Change and Water Management, IBM - "The smart network revolution."

Utilities around the world are transforming their performance thanks to smart network technology. By overlaying an information grid over the production and distribution network, energy utilities are seeing dramatic improvements in efficiency. Is this the future for water utilities as well?

10.15 AM: GWI MARKET PREVIEW (POTSDAM BALLROOM 1)

GWIPublisher **Christopher Gasson** is joined by a panel of industry experts to present their views on the top ten business propositions for 2011. Panelists include GE Water CEO **Heiner Markhoff** and CH2M Hill International Water Business Director **Neil Reynolds**.

11.00 - 11.30 AM COFFEE BREAK

11.30 AM: AFRICA'S MOMENT IN WATER (POTSDAM BALLROOM 1)

For many years Sub-Saharan Africa's water sector seemed to work backwards: the rate of investment never seemed to keep pace with population growth or the depreciation of the existing assets. That is now changing. As the developed world falters, and resource rich Africa flourishes, we are seeing a dynamic new market emerge in the continent. We have invited the leaders of this movement to present the latest developments, including:

Piet Du Pisani, Strategic Executive, Infrastructure, Water and Waste Management, The City of Windhoek, Namibia

Dr William Muhairwe, Managing Director, National Water and Sewerage Company, Uganda

Joseph Karanja, Nairobi City Water and Sewerage Company, Kenya

Mamadou Dia, Director General, Senegalaise Des Eaux

Chaired by **Alexander McPhail**, Lead Water and Sanitation Specialist at the World Bank.

11.30 AM: WATER TECHNOLOGIES FOR OIL AND GAS (POTSDAM BALLROOM 3)

The oil and gas sector produces nearly three times as much water as oil, and this ratio is bound to double as more unconventional energy resources are tapped. It could be a fantastic opportunity for the water technology sector, but it is a difficult market to break into. In this session we hear how energy industry insiders see the opportunities for water technologies in the oil and gas sector. Plus speakers from the oil field service and energy companies look at global market trends and maximising performance for the oil and gas sectors.

Speakers include:

John Veil, Veil Environmental (Chair)

Brent Halldorson, Fountain Quail

Dr Roman Breuer, Bauer Environmental Group

Ed Steele, Swift Worldwide Services

Dr Ted Frankiewicz, Spec Services Inc.

11.30 AM: AQUAFED MEETING

(CLOSED SESSION - CHARLOTTENBERG ROOM)

1.00 PM LUNCH

2.30 PM: WATER TECHNOLOGY IDOL (POTSDAM BALLROOM 1)

Five companies with technologies which could change the world of water make their claim to be Water Technology Idol 2011. Our panel of experts including **Tom Pankratz**, Editor of *Water Desalination Report*, **Debra Coy** from Svanda & Coy Consulting, **Lisa Henthorne**, CTO of Water Standard Company and **John Tonner** President of Water Consultants International then asks the difficult questions.

The participants in this year's competition are: **Dileep Agnihotri** - Advanced Hydro, **Rick Stover** - Desalitech, **Sung Jae Kim** - MIT **Robert Wright** - Watervap, and **Cees Buisman** - WETSUS.

2.30 PM: NEW INITIATIVES IN PRIVATE SECTOR PARTICIPATION (POTSDAM BALLROOM 3)

The combination of the public sector financing crisis, the challenges of water scarcity in the Middle East, and the financial confidence of the developing world, means that private sector participation in the water sector is back on the agenda. Here we bring together some of those looking to bring in private sector expertise and money to drive performance in the sector - including **Allard Nooy**, CEO of JITF Water Infrastructure Ltd, **Shayo Holloway**, General Manager of Lagos Water Corporation, **Omar Al Wahabi**, CEO of Haya Water, Oman, and **Lesego Raditsebe** from the Department of Water Affairs, Botswana. Chaired

4.00 PM TEA BREAK

4.30 PM: THE GREAT WATER DEBATE (POTSDAM BALLROOM 1)

"Is cost recovery pricing the best way to ensure the poor have access to good water services?"

The Global Water Summit 2011 ends with a high profile Oxford style debate, with **David Zetland**, Senior Water Economist at Wageningen University in the Netherlands and author of the Aguanomics blog and **Dr William Muhairwe** Managing Director of the NWSC Uganda proposing the motion, and **Wenonah Hauser**, Executive Director of Food and Water Watch, and **Anil Naidoo** Blue Planet Project Organizer for the Council of Canadians opposing it.

5.30 PM: CONFERENCE WRAP
FOLLOWED BY FAREWELL DRINKS IN THE POTSDAM FOYER.