Water 2050: Visions

Water will be the fundamental factor shaping economic growth in the decades up to 2050. But it starts now.

The IPCC’s 2014 assessment showed the effects of climate change are already hitting us through the water cycle. From our point of view at GWI, this means that, if we have any hope of adapting to these changes, it will have to involve a profound turn around in how we manage our water resources.

By 2050 our collective water challenge will be unlike anything the world has ever seen and it will run right across the entire supply chain from depleted ground sources through compromised consumer and business operations to wastewater treatment and reuse on an unprecedented scale.

It will also generate extraordinary opportunities for those with the right technology, partnership and financial solutions.

How the Global Water Summit will address these issues

The Global Water Summit 2016 in Abu Dhabi is going to break new ground for the sustainability of water as a source of business and economic growth. We will bring together our distinct community: the people who lead the businesses that supply and use water and the stakeholders whose decisions influence the way those businesses are run.

Utility leaders, government ministers, CEOs of corporations and their customers need to come to terms with this basic fact of life: that the state of water in 2050 is going to depend on what we do to make the world of water better – now.

They’ll be doing that at the Global Water Summit 2016.

Join us for the Global Water Summit 2016 on 19-20 April at the Jumeirah Etihad Towers in Abu Dhabi.

We will be asking you to imagine what the world of water will look like in 2050. What will we be leaving behind for the next generation?
GLOBAL WATER SUMMIT 2016

NEED TO KNOW

AGENDA AT A GLANCE

DAY 1 • 19TH APRIL 2016

MORNING
Opening Plenary — Water 2050 visions

Roundtables — 35 Roundtables; four rotations

One-to-One Networking Meetings

AFTERNOON
Six Big Ideas

DESALINATION
Renewables in Desal: Electrons versus Photons

Water Technology Idol 2016: Presentations and Voting

Desalination

FINANCE
Risk Management in Project Finance: Part 1

Risk Management in Project Finance: Part 2

Finance

INDUSTRY
Creating Value: Municipalities and Industry

New Propositions for Industrial Water Services

Industry

INNOVATION
Innovation Best Practice

Top 5 Innovations

Innovation

One-to-One Networking Meetings

The Global Water Awards — Evening Gala Dinner

DAY 2 • 20TH APRIL 2016

MORNING
Opening Plenary — Water and climate change adaptation

1 DESALINATION
The New Economics of Desalination

Water Reporting with Impact: From Data to Action

3 UTILITIES
The Deep Tunnel Sewerage Super Highway

4 OIL & GAS
Oilfield Water Treatment at Below $40

5 WATER ACCESS
Strategies for Water Access

Accessing Global Growth Markets

6 GLOBAL MARKETS
One-to-One Networking Meetings

Panel Session: China Reaches Out

Closing Plenary: Shaping the Future of the Water Industry

THE VENUE: Jumeirah at Etihad Towers, Abu Dhabi, UAE

Rising majestically from its beachside setting, Jumeirah at Etihad Towers’ dramatic sculptural form and spectacular design has set a new standard for luxury hotels and affords some of the most stunning views of the Abu Dhabi skyline.

BOOK YOUR HOTEL ROOM

Once you’ve purchased your delegate place, you can book your accommodation using our specially reduced delegate booking rate of AED750 per room/night.

Click here to book at this specially discounted rate

PRICES

FULL PRICE DELEGATE
£1,695 / $2,970

IDA MEMBER DISCOUNT
£100 / $175 off

NON-PROFIT DISCOUNT
Up to 50% off

TEAM DISCOUNT
‘5 for 4’
WHO ATTENDS THE GLOBAL WATER SUMMIT

From utility leaders and senior executives from across the global water industry to pivotal corporate water users and investors - this event offers unrivalled networking and business opportunities but also a forum for interaction and accelerating positive change within the sector.

2015 DELEGATES BY REGION

GWS has its unique convening power to gather utilities and industry leaders. Good place to meet partners and keep abreast of industry trends.

XUEYI LIAO, INDUSTRY DEVELOPMENT EXECUTIVE, PUB SINGAPORE
For the complete and most up-to-date list of speakers, visit [www.watermeetsmoney.com/speakers-2016](http://www.watermeetsmoney.com/speakers-2016)
AGENDA

SPEAKERS (continued)

For the complete and most up-to-date list of speakers, visit www.watermeetsmoney.com/speakers-2016
AGENDA

SPEAKERS (continued)

For the complete and most up-to-date list of speakers, visit www.watermeetsmoney.com/speakers-2016
AGENDA
DAY ONE

DAY 1, TUESDAY 19TH APRIL 2016

08:30 - 09:30
One-to-One Networking Meetings

Your facility to booking key appointments during the Global Water Summit. Meet the people you want to meet using our One-to-One networking facility. No more missed opportunities. You arrange it all beforehand and we make it happen.

As a registered delegate to the Global Water Summit, you will be able to upload your professional profile, see the list of registered delegates and send requests for structured One-to-One appointments with your target delegates.

The One-to-One Networking Meetings booking facility are now live: CLICK HERE TO LOG ON

09:30 - 11:00
Opening Plenary
Water 2050 visions

What is the long term future for the water industry? Everyone needs water, and with 3 billion more of us on this planet by 2050, those needs - and the impact they have on the environment in the context of climate change - are growing inexorably. The challenge for us today is that we are not well equipped for this inevitable future. We don’t have the financial models, the infrastructure or the technologies which will make that future possible.

In the opening plenary of the 2016 Global Water Summit we are challenging our speakers to outline their vision of water in 2050. What will it look like? How will it work? How do we get there from here?

KEYNOTE SPEAKER:
Daniel Franklin, Executive Editor, The Economist & editor, The World in...

SPEAKERS:
Marie van der Hoeven, former Executive Director of the IEA (retires 31 August 2015)
Nitin Paranjpe, Head of Home Care, Unilever
Benedito Brago, State Minister for Sanitation and Water Resources, São Paulo; Chairman of SABESP
Claude Laruelle, CEO of Global Enterprises, Veolia

11:00 - 11:30
Coffee Break

11:00 - 12:45
Roundtables

35 Roundtables; four rotations — For a full list of speakers and topics, visit: www.watermeetsmoney.com

12:45 - 13:30
Lunch

13:30 - 14:20
One-to-One Networking Meetings

6 Big Ideas: Quick fire presentations of urgent ideas for the water industry.

Six speakers have six minutes 40 seconds and 20 slides to outline their big idea for changing the way the world of water works.

PRE-CONFERENCE EVENTS
DAY 0, MONDAY 18TH APRIL 2016

09:00 - 17:30

Produced Water Open Innovation Workshop

In collaboration with Produced Water Society, the Produced Water Open Innovation Workshop will be a forum on the challenges and opportunities in produced water treatment in the Middle East. Based around the concept of open innovation, members of the produced water community around the world will gather to establish a collaborative setting to explore issues and utilize cumulative expertise to gather solutions.

The workshop will emphasise:
» Defining the problems
» Defining the specific needs
» Discussing current state of best practices
» Reviewing state of the art treatment technologies

For further information on the Produced Water Society, please see: www.producedwatersociety.com

17:30 - 19:00

Global Water Summit
Registration

One-to-One Networking Meetings

19:00 - 20:00

Welcome Drinks Reception
### DAY 1, TUESDAY 19TH APRIL 2016

#### DESALINATION

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker(s)</th>
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<tbody>
<tr>
<td>14:30</td>
<td>Renewables in Desal: Electrons versus Photons</td>
<td>Gérard Canton, Director, SIDEM/Veolia</td>
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<tr>
<td>15:45</td>
<td>Risk Management in Project Finance: Part 1</td>
<td>Olivia Jensen, Senior Research Fellow at the Institute of Water Policy, Singapore</td>
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<tr>
<td>16:15</td>
<td>Water Technology Idol 2016: Presentations and Voting</td>
<td>Tom Pankratz, WDR Editor, GWI</td>
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<tr>
<td>17:30</td>
<td>One-to-One Networking Meetings</td>
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#### FINANCE

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<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker(s)</th>
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</thead>
<tbody>
<tr>
<td>14:30</td>
<td>The past two years have seen a surge of interest in private financing models for water infrastructure in emerging markets. Global Water Intelligence is currently tracking 287 such projects, but how many of them will make it to financial close?</td>
<td>Olivia Jensen, Senior Research Fellow at the Institute of Water Policy, Singapore</td>
</tr>
<tr>
<td>15:45</td>
<td>Risk Management in Project Finance: Part 2</td>
<td>Mark Lane, Chairman, British Water</td>
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<td>16:15</td>
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<td>Mark Lane, Chairman, British Water</td>
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#### INDUSTRY

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<tbody>
<tr>
<td>14:30</td>
<td>The need for cash and water resiliency is creating a new market between municipalities and industrial water users.</td>
<td>Johann Clere, Global Director of Business Development for Industrial Markets, Veolia Water Technologies</td>
</tr>
<tr>
<td>15:45</td>
<td>Creating Value: Municipalities and Industry</td>
<td>Mark Lane, Chairman, British Water</td>
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<tr>
<td>16:15</td>
<td>New Propositions for Industrial Water Services</td>
<td>Jean-Michel Herrywyn, Veolia</td>
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#### INNOVATION

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<tbody>
<tr>
<td>14:30</td>
<td>The key to unlocking water utilities' innovation potential is sharing best practice from the global utility sector's highest performers. The top innovators share their recent innovations, how they made them happen, and the pull- and push-factor drivers.</td>
<td>John Ringham, Chief Executive, SA Water Corporation, Adelaide, Australia</td>
</tr>
<tr>
<td>15:45</td>
<td>Innovation Best Practice</td>
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<tr>
<td>16:15</td>
<td>Top 5 Innovations</td>
<td>Geoff Gage, Partner, McKinsey &amp; Company</td>
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#### Coffee Break

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<tr>
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<th>Activity</th>
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<td>Coffee Break</td>
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#### The Global Water Awards • Ceremony and Gala Dinner, Emirate Palace, Abu Dhabi

**SPONSORED BY EVOQUA WATER TECHNOLOGIES**
## AGENDA
### DAY TWO

**DAY 2, WEDNESDAY 20TH APRIL 2016**

### Opening Plenary

**Water and climate change adaptation**

Historically water investment has followed economic growth. In these circumstances new infrastructure is not only needed, but it pays for itself. Climate change breaks this connection. It creates a world in which we must prepare for both extremes of floods and droughts with no additional income streams to meet the cost. In this session we bring together ministerial level speakers from across the world to discuss how to meet this challenge and how international cooperation might play a role in the solution.

**Chair:** Roger Harrabin, Environment Analyst, BBC News

**SPEAKERS:**
- H. E. Dr. Hazim Al-Naser, Minister for Water and Irrigation, Jordan
- Manuel Pulgar-Vidal, Minister of State for the Environment, Peru; and President of COP20/CMP10
- Henk Ovik, Special Envoy for International Water Affairs, Kingdom of the Netherlands
- José Diaz Caneja, General Director, Acciona Agua

### Coffee Break

### Workshops

<table>
<thead>
<tr>
<th>1 DESALINATION</th>
<th>2 INDUSTRY</th>
<th>3 UTILITIES</th>
<th>4 OIL &amp; GAS</th>
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<tbody>
<tr>
<td><strong>The New Economics of Desalination</strong>&lt;br&gt;Drought rather than permanent scarcity is now the main driver of the desal market. What does it mean for the business model? Chair: Borja Blanco, CEO, Aqua Advise</td>
<td><strong>Water Reporting with Impact: From Data to Action</strong>&lt;br&gt;Water risk reporting by major corporations has enormous power to influence the way big companies use water. In this workshop we invite Global Water Summit delegates to help build the corporate water stewardship agenda from reporting into action. Chair: Cate Lamb, Head of Water, CDP</td>
<td><strong>The Deep Tunnel Sewerage Super Highway</strong>&lt;br&gt;All over the world massive new sewer infrastructure is in demand. What can we learn about the future from the major projects underway? Chair: Jim Otta, Director of Strategic Growth, CH2M</td>
<td><strong>Oilfield Water Treatment at Below $40</strong>&lt;br&gt;Water treatment is gaining ground in oilfield operations, making the application of water technology a fundamental part of oil &amp; gas recovery. Chair: John Walsh, Secretary General of the Produced Water Society and Director of Technology Celco Energy</td>
</tr>
</tbody>
</table>

For a detailed agenda and full list of speakers, visit the GWS website.
## DAY 2, WEDNESDAY 20TH APRIL 2016

### Workshops (continued)

#### 5 WATER ACCESS

**Strategies for Water Access**

The big cities of emerging markets are potentially the biggest growth opportunity for the water industry. The key to this market is finding economic models which work for low income communities. In this session six new approaches to delivering water and wastewater access to the poor are pitched to a panel of Water Leaders.

**Panel:**
- William Muhairwe, Executive Director, Global Water Leaders Group
- Taqsem Khan, Managing Director, Dhaka Water
- Hon. Ek Sonn Chan, Secretary of State, Kingdom of Cambodia

#### 6 GLOBAL MARKETS

**Accessing Global Growth Markets**

The GWI research team join forces with the experts from Amane advisors to discuss strategies for success in water in 2016 and beyond.

Success in the water industry is getting the timing right: identifying the market trends that are relevant to your business and will yield lucrative deals if entered into at the right level and at the right point. We will bring together the data, analysis and narratives that will help you work 2016 to your best advantage and make the right judgement call in 2017.

**Chair:**
- Amanda Brock, Water Standard

### Lunch

### One-to-One Networking Meetings

As a registered delegate to the Global Water Summit, you will be able to upload your professional profile, see the list of registered delegates and send requests for structured One-to-One appointments with your target delegates.

The One-to-One Networking Meetings booking facility are now live: CLICK HERE TO LOG ON

### China reaches out

What will happen as China’s billion dollar water companies turn to the international market?

Six of the biggest players in the Chinese water market outline how they are approaching the global market and the partnerships they are looking to develop.

**Chair:**
- Alex Ping Zhang, Co-founder of McWong Environmental Energy Group and VP of Anhui Guzhen Environment Protection Technology

### Closing Plenary

**Shaping the future of the water industry**

How do the leaders of the global water industry map out the future?

**Chair:**
- Christopher Gasson, Publisher, Global Water Intelligence
YOUR SUMMIT JOURNEY
Promising a return on your investment

BEFORE

- Pre-Arrange Meetings on the GWS Mobile App:
  Whether you want to maintain existing relationships or build new ones, the app allows you to coordinate your meetings months in advance.

- Immediate Visibility:
  From the moment you register, other delegates will be able to find you on our conference app. Prove your business is a proactive leader and part of a force for positive change in the sector.

- Integrate the Summit into Your Business Development Plan:
  Our app allows you to match with other delegates with the same interests, so you can identify and plan meetings with potential partners and customers.

KEEP AN EYE ON THE DEVELOPING AGENDA

- Keep an Eye on the Developing Agenda:
  Identify the most important sessions for your business and plan your activities before the event, so you can align the summit agenda with your business objectives.

DURING

- One-to-One Networking and Mind Sharing Roundtables:
  From breakfast and lunch networking to dedicated sessions, you will meet more high-level business contacts than at any other water conference.

- Develop Your Profile:
  Opportunities to participate and give feedback are built into every session, so you can stand out from the crowd and be seen as a thought-leader in front of a captive audience.

- A Business-Focused Conference:
  The summit attracts the whole supply chain so you can be sure to meet the best contacts for you, whatever your expertise or service provision.

- Plan Your Business Strategy for 2016/2017:
  Keep abreast of new technologies, innovations, plants and projects – so you can predict the direction of the market and position your business to take advantage of new trends.

AFTER

- Maintain Your New Connections:
  Peer-to-peer messaging post-conference allows you to follow up with your new contacts and make a note of those all important details.

- Improved Brand Visibility:
  Attending a prestigious event like GWS 2016 with potential clients in both the private and public sector will offer your brand long-term recognition amongst high-level business leaders.

- Leveraged Lead Generation:
  As an attendee, you will be able to access a list of delegates – giving you a chance to reach out to those business contacts you may not have had a chance to meet.

- Access Presentations and Conference Material:
  Download presentations and voting results from your most valuable sessions, so you have the resources to integrate new intelligence into your strategy.

THE CONFERENCE APP: MAXIMISE THE VALUE OF THE GLOBAL WATER SUMMIT

The Global Water Summit App is designed to enhance your experience at the Summit.

Its functionality includes pre-conference networking; in-conference peer-to-peer messaging; full access to programmes; presentations and exhibitor information; plus interactive voting and other tools.

ADAM LOVELL, EXECUTIVE DIRECTOR, WATER SERVICES ASSOCIATION OF AUSTRALIA

Fantastic: excellent level of conversation, niche summit out of the ordinary.

ALEJANDRO GARZA, CEO, ATLATEC SA DE CV

Excellent opportunity to make new business and networking with decision makers.

HARALD KLEIVEN, VICE PRESIDENT OF BUSINESS DEVELOPMENT, CAMBI AS

This is one of the most important conferences to us since we have the chance to talk to and educate decision makers on a high level. Technology choice often makes a big difference and needs to be evaluated early in Master Plans, not solely by consultants and late in the design process.
ENGAGE AT
The Global Water Summit 2016

The Global Water Summit is a dynamic, lively event, encouraging candid debate, participation and resolution.

PLENARY SESSIONS: SHARE THE BIG PICTURE
Reflect on the most interesting and pressing topics from the perspective of inspirational, industry leading speakers.

ONE-TO-ONES – NETWORK AND BUILD CONNECTIONS
Pre-arrange meetings with existing and prospective clients and contacts to raise your profile. The Global Water Summit attracts more top leaders and business executives than any other water conference. This year’s event offers more dedicated networking time than ever, so you can maximise the unique business development opportunities on offer.

ROUNDTABLES: INTERACT, NETWORK AND CONTRIBUTE
Our popular roundtables are back for 2016 but better than ever before! Shorter table sessions with more turns mean you can meet more new contacts and get involved in even more discussions on the hot topic of your choice.

WHERE WILL YOU EXHIBIT YOUR EXPERTISE?
Pick your spot and position your business as a leader in the sector.

Call Rachel Gardener on +44 (0) 1865 204 208 or email at rg@globalwaterintel.com to book!

WORKSHOPS: This year we are adding a new interactive workshop format so you can immerse yourself in GWS 2016.
GLOBAL WATER AWARDS 2016

ABOUT THE GLOBAL WATER AWARDS

Each year, the coveted Global Water Awards are presented at the Global Water Summit, the major business conference for the water industry worldwide. The Awards acknowledge the most important achievements in the international water industry within several categories.

2016 will see the Global Water Awards Gala Dinner take place in the opulent Emirates Palace in Abu Dhabi, UAE on Tuesday 19 April 2016 as part of the Global Water Summit. The event will be presented by Felipe Calderón, former President of Mexico (2006 - 2012) and Chairman of the Global Commission on the Economy and Climate.

Felipe Calderón is one of Latin America’s most distinguished leaders. He is internationally recognized as a President who strengthened the rule of law and made possible the economic recovery of Mexico after the world economic crisis. During his term he implemented public policies that projected Mexico as a powerful player in the global economy. He was named “Statesman of the Year” by the World Economic Forum, and considered one of the 100 most influential people by Time magazine.

Click here to view Felipe Calderón’s full profile

2016 CATEGORIES

» Water Company of the Year
» Desalination Company of the Year
» Water Technology Company of the Year
» Breakthrough Water Technology Company of the Year
» Water Project of the Year
» Wastewater Project of the Year
» Desalination Plant of the Year
» Water Reuse Project of the Year
» Industrial Water Project of the Year
» Water Deal of the Year
» Water Leaders Award

OFFICIAL GLOBAL WATER AWARDS SPONSOR

Established in 2006 by Global Water Intelligence, the Global Water Awards recognise and reward those initiatives in the water, wastewater and desalination sectors that are moving the industry forward through improved operating performance, innovative technology adoption and sustainable financial models.

The shortlist for the Global Water Awards 2016 is now available, voting is currently under way and will close on 6th April