5th ANNUAL WORLD WATER-TECH INVESTMENT SUMMIT
Conference Programme

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PLATINUM

UKTI

UK Trade & Investment is the government department that helps UK-based companies succeed in the global economy. It also helps overseas companies bring their high quality investment to the UK's dynamic economy, acknowledged as Europe’s best place from which to succeed in global business. UKTI has professional advisors both within the UK and across more than 100 international markets. If you are a UK-based company looking to develop your business in overseas markets or an overseas client looking for UK suppliers of world class products and services, then please contact us for expert advice and practical support.

FATHOM

FATHOM is the world’s foremost Software-as-a-Service provider in the water sector, defining the vertical between meter data management and the customer through a variety of products including meter data management, customer information system and their customer engagement platform. FATHOM is presently deployed on over 4 million meters in the United States and has entered significant partnerships with a variety of water meter manufacturers. Designed by water professionals specifically for the water industry, FATHOM offers utilities a unique opportunity to increase revenue, decrease costs of operation while improving customer satisfaction.

SUEZ

We are at the dawn of a resource revolution. Faced with an increasing world population, growing urban development and rarefied resources, the security, optimisation and recovery of resources are indispensable to our future. SUEZ supplies 92 million people with drinking water and 65 million with sanitation services, collects waste from almost 50 million people, recovers 14 million tonnes of waste per year and generates 5,138 GWh of local and renewable energy. Employing 81,000 people, SUEZ is active on five continents and a key player in the circular economy for sustainable resource management. SUEZ generated total revenues of €14.3 billion in 2014.

SILVER

Royal HaskoningDHV

Royal Haskoning DHV is an independent, international engineering consultancy service and technology provider with over 130 years of experience. Their professionals deliver solutions in the fields of aviation, buildings, energy, industry, infrastructure, maritime, mining, transport, urban and rural planning and water. Backed by expertise and experience of nearly 7,000 colleagues across the world, Royal Haskoning DHV work in more than 130 countries. In the field of water, they create state of the art, patented and award winning products and technologies together with their partners and clients.

COFFEE BREAK HOST

Sensus

Sensus helps a wide range of public service providers - from utilities to cities to industrial complexes and campuses - do more with their infrastructure to improve quality of life in their communities. Sensus enable their customers to reach further through the application of smart metering and smart grid technology and data-driven insights that deliver efficiency and responsiveness. Sensus partner with them to anticipate and respond to evolving business needs with innovation in sensing and communications technologies, data analytics and services.
One-to-One Meetings

Maximise your networking potential: pre-arrange one-to-one meetings with speakers and delegates via our online partnering software.

worldwatertech2016.attendeehub.com
we know how to reduce water losses from networks.

are you ready?

www.aqualogyuk.com
Day One – February 23, 2016

8.00  Registration and Coffee

9.00  Welcome Remarks

9.15  Introductory Keynote: Technologies as True Solutions to Future Water Security

   **Speaker:**
   Trevor Hill, CEO, FATHOM, USA

9.30  Keynote: All on Board for a Water Secure World: OECD Principles on Water

   • Ensuring water security is a shared responsibility across public, private and non-profit sectors: How can governments and stakeholders address issues of too much, too little and too polluted water?
   • Should we take current levels of water security in developed economies for granted? Do industrialized countries have the ability to rapidly upgrade systems, or offer temporary, flexible solutions to fit for the future?

   **Speaker:**
   Aziza Akhmouch, Head of Water Governance Programme, OECD, FRANCE

9.45  Water Access for All: New Models and Solutions for Water Infrastructure in Emerging Markets

   • Regions where water is most critical can be places where the private sector is most reluctant to go. What is the role of governments / NGOs / multilateral agencies in overcoming this?
   • How can we better engage the private sector with water resource planning and infrastructure development in emerging markets?
   • How great is the potential for advanced technologies, including mobile solutions, to improve water access in emerging markets?

   **Session Chair:**
   Ashley Roe, CEO, BRITISH WATER, UK

   **Speakers:**
   Thierry Mallet, Group Senior VP Innovation, Marketing and Business Performance, SUEZ, FRANCE
   Julio Schreier, Senior Waste & Water Specialist, EUROPEAN BANK FOR RECONSTRUCTION AND DEVELOPMENT, UK
   Manoj Sharma, Senior Urban Development Specialist, ASIAN DEVELOPMENT BANK, PHILIPPINES

10.30  Networking Coffee

17.30  Official Summit Reception Hosted by FATHOM at Fishmongers Hall, London
12.00

**Flood Prevention and Mitigation: New Opportunities in Data-Driven Solutions**

- How can we use real time flooding and overflow sensors to be more responsive?
- How can we link to weather forecast data, and other data, to predict events and manage the network accordingly? How can we use IT to monitor failure?

**Session Chair:**
Mark Lane, Director, UK WATER PARTNERSHIP, UK

**Speakers:**
Vicky Pope, Head of Integration and Growth, MET OFFICE, UK
Gerard O’Connell, Engineer-in-Charge, DUBLIN CITY COUNCIL, IRELAND
Anthony Crawford, Head of Wastewater Control, THAMES WATER, UK
Bradley Eck, Research Scientist, IBM, IRELAND

12.45

**Ministerial Address**

**Speaker:**
The Rt Hon. the Lord Maude of Horsham, Minister of State for Trade and Investment, UK

13.00

**Networking Luncheon**

13.45

**Round Table Discussion Groups**

After lunch, delegates have the opportunity to join a roundtable discussion, hosted by an industry expert on a theme of their choice.

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<tr>
<th>No.</th>
<th>Title</th>
<th>Discussion Leader</th>
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<tr>
<td>1</td>
<td>To understand the value of water we have to put a value on the risk of improper management. What happens if we do nothing?</td>
<td>Aziza Akhmouch, OECD</td>
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<td>2</td>
<td>How can you bring new products to the market in water? Do investors have a role in supporting innovation in water?</td>
<td>Reinhard Hübner, SKION</td>
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<td>3</td>
<td>How can innovative business models help utilities adopt improvements outside the traditional capital procurement process?</td>
<td>Mark Lane, UK WATER PARTNERSHIP</td>
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<td>4</td>
<td>Is there a good reason not to develop interoperability of smart grids? What are the pain points? What can we learn from the energy industry?</td>
<td>Mark LeChevallier, AMERICAN WATER</td>
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<td>5</td>
<td>To what extent and how does the traditional VC model work in the water sector?</td>
<td>Khalil Maalouf, XPV WATER PARTNERS</td>
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<td>How can we better engage the private sector with water resource planning and infrastructure development in emerging markets?</td>
<td>Thierry Mallet, SUEZ</td>
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<td>7</td>
<td>Will current drought in some US states finally drive re-use to large-scale adoption? How do we assess the risk of future crisis events and justify the investment in prevention?</td>
<td>John Ringham, SOUTH AUSTRALIAN WATER CORPORATION</td>
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<td>8</td>
<td>Why is there a lack of uptake in wastewater re-use? Is toilet to tap a realistic solution for areas with drought?</td>
<td>Harry Seah, PUB SINGAPORE</td>
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<td>9</td>
<td>Weighing the arguments for centralised vs decentralised used water treatment</td>
<td>Hervé Suty, VEOLIA</td>
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<td>10</td>
<td>How can utilities successfully support water technology piloting and implementation?</td>
<td>Neil Townend, MODERN WATER</td>
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<td>11</td>
<td>Alternative models for innovation delivery in water and wastewater</td>
<td>Earl Jones, LIBERATION CAPITAL</td>
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<td>12</td>
<td>Circular economy solutions: The risks and opportunities</td>
<td>Robert Jan Smeets, ROYAL HASKONING</td>
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**Case Study: Industrial Water Outsourcing in Mexico**

- How did the GWDP and Pemex partnership come about? Why is it significant?
- Why is there a trend towards industrial water outsourcing? What does it mean for driving innovation?
- How can other companies develop similar partnerships?

**Speaker:**
**Usha Rao-Monari**, CEO, GLOBAL WATER DEVELOPMENT PARTNERS, UK

**Re-Use: How do we Generate Cost-Effective and Sustainable Alternative Water?**

- If re-use is a much greener solution than desalination, why is there a lack of progress in uptake? Is toilet to tap a realistic solution for areas with drought? Which new technologies are most cost-effective and safe?
- Will current drought in some US states finally drive re-use to large-scale adoption? Does it always take a crisis for us to spend money on solutions? How can other countries learn from this and how do we assess the potential for future crisis events, calculate the potential cost, and justify the investment in prevention? What are the opportunities (and threats) arising from this?

**Session Chair:**
**Steven Kloos**, Partner, TRUENORTH VENTURE PARTNERS, USA

**Speakers:**
**Harry Seah**, Chief Technology Officer, PUBLIC UTILITIES BOARD, SINGAPORE
**John Ringham**, Chief Executive Officer, SOUTH AUSTRALIAN WATER CORPORATION, AUSTRALIA
**Jordi Molist Gazapo**, Director of Water Supply, AGENCIA CATALANA DEL AGUA, SPAIN
**Nizar Kammourie**, CEO, SUIDO KIKO MIDDLE EAST, SAUDI ARABIA

**Networking Coffee**
15:45 Technology Showcase

Five companies present short, 7-minute snapshots of their technologies to our audience of investors, strategic investors, utilities, industrial water users and engineering consultancies.

Session Chair:
Piers Clark, Chair, ISLE UTILITIES, UK

Presenting Companies:
Annie Brooking, CEO, BACTEST, UK
Alexis Smith, CEO, INTELLIGENT MODELLING, UK
John O’Regan, CEO, SCFI, IRELAND
Antonio Capristo, CEO, NEWLISI, ITALY
Matthias Enzenhofer, CEO, WATERWIN, GERMANY

16:45 New Models for Corporate Investment and Alliancing

- How can corporate investors can help bring a product to market? Exploring current models for R&D, product development and commercialization
- What are the benefits of combining products to create an integrated set of solutions to present to utilities/industrial clients?
- How can you scale innovative technologies to suit a global platform?

Session Chair:
Piers Clark, Chair, ISLE UTILITIES, UK

Speakers:
Sandra Eager, Technology Manager, BP VENTURES, UK
Richard Riggs, Corporate Venture Capital, SAUDI ARAMCO, UK
Anna Halpern-Lande, Senior Venture Principal, SHELL TECHNOLOGY VENTURES, NETHERLANDS

17:30 Networking Drinks Reception
Creating the Right Partnerships to Accelerate Technology Development and Adoption

- If you are a water utility, where should you be spending your R&D dollars? What are the main macro-trends influencing utility investment decisions?
- How can innovative business models help utilities adopt improvements outside the traditional capital procurement process?
- What does a good partnership between a utility and a tech company look like? How can a utility help tech companies improve their cost models?
- How can the EPC firm play a positive role in the adoption of new technologies?

**Session Chair:**
Mark Fletcher, Water Business Director, ARUP, UK

**Speakers:**
- Mark LeChevallier, Director, Innovation & Environmental Stewardship, AMERICAN WATER, USA
- Nathan Allen, Executive Director, NEVADA'S WATER CENTER FOR EXCELLENCE, USA
- Jean-Loic Carré, Director, PÔLE EAU, FRANCE
- Booky Oren, CEO, BOOKY OREN GLOBAL WATER TECHNOLOGIES, ISRAEL
- Andreas Giesen, Director Technology & Leading Professional, Water Technology, ROYAL HASKONING DHV, NETHERLANDS

Technology Showcase

Five companies present short, 7-minute snapshots of their technologies to our audience of investors, strategic investors, utilities, industrial water users and engineering consultancies.

**Session Chair:**
David Kenny, UK Regional Director, TAKADU, UK

**Presenting Companies:**
- Irene Allcroft, CEO, CATALYSYSTEMS, UK
- Keith Allan, Director, NANOTERA WATER SOLUTIONS, UK
- Susan MacKay, CEO, CERAHELIX, USA
- Lynne Bouchy, Business Development Manager, SUEZ, UK
- Peter Enston, Managing Director, IVAPPS, SINGAPORE

Industrial Water Security: New Partnership Models to Accelerate Water-Tech Adoption in Industry

- How can the water industry work with industrial clients and city planners to ensure that water is placed at the heart of industrial planning?
- As companies move from site-specific solutions to whole catchment / water basin management, what opportunities does this present for technology providers?
- Which multinationals are leading the way in developing new models to address water security? Are corporate initiatives to incubate water technologies on the rise? What new models are emerging?

**Session Chair:**
Adrian Sym, Executive Director, ALLIANCE FOR WATER STEWARDSHIP, UK

**Speakers:**
- Carlo Galli, Strategic and Technical Advisor for Water Resources, NESTLÉ, SWITZERLAND
- Cate Lamb, Head of Water, CARBON DISCLOSURE PROJECT, UK
- Conor Linstead, Freshwater Specialist, WWF, UK
- Simon Reid, Sustainability Manager, MARKS AND SPENCER, UK
- Lydia Whyatt, Managing Director, RESONANCE ASSET MANAGEMENT, UK

11.30 Brunch
Dwindling Resources: How do we Create Maximum Value from Used Water Towards a Circular Economy?

- Energy from used water is an old technology: Why is it taking so long to be adopted? Is it only really relevant in specific environments? Are today’s solutions good enough?
- Should energy recovery be mandatory in all new used water treatment facilities?
- Metal and nutrient recovery: Is it worth the cap and opex? Should it be considered a key part of the circular economy? Are there geographical areas where this works best?
- How can we balance the economics of energy recovery from used water treatment with the practicalities of decentralised facilities when designing solutions for cities/mega-cities?

**Session Chair:**
Reinhard Hübner, Investment Manager, SKION, GERMANY

**Speakers:**
Carlos Campos, Senior Vice President, Research & Development, SUEZ, FRANCE
Hervé Suty, Scientific and Development Adviser, VEOLIA, FRANCE
Bob Stear, Head of Research and Development, SEVERN TRENT, UK
Eduardo Castagnari, Commercial Director, GS INIMA, BRAZIL

Innovation Delivery: Finding New Routes to Market for Advanced Water Technologies

- To what extent does the traditional VC model work in the water sector?
- What alternative models for innovation delivery are emerging?
- What’s the role of the technology integrator in creating workable solutions for municipal/utility clients?

**Session Chair:**
Trevor Hill, CEO, FATHOM, USA

**Speakers:**
Khalil Maalouf, Director, XPV WATER PARTNERS, CANADA
Earl Jones, Partner, LIBERATION CAPITAL, USA
Duncan White, Investment Director, OMBU GROUP, UK
Nityen Ranjan Lal, Managing Director, ICOS CAPITAL, NETHERLANDS

SUMMIT CONCLUDES
Rashid is the Executive Director of the Office of Strategy Management (OSM) at the National Water Company (NWC) in the Kingdom of Saudi Arabia. He has been with NWC for the last six years and whilst leading the OSM been responsible for defining Business Strategy, helped in managing Organisation’s Performance and the Transformation of the Company. Rashid has actively interacting with the government institutions and ministries such as Ministry of Planning, and CEDA etc. to help shape the Water Sector in the Kingdom.

Lyne Bouchy
Business Development Manager Wastewater, Sludge & Energy, SUEZ Advanced Solutions, UK

Lyne spent four years as a Research Engineer at the Cirsee, Suez’s research centre in Paris, focusing on odour and sludge management. She then transferred to Cetaqua, the research centre of Suez in Barcelona as research Project Manager, and there she later took the role of Head of Wastewater and Energy. She recently became Business Development Manager for Wastewater and Sludge for the UK and Ireland.

Carlos Campos
Group Senior Executive Vice-President of Expertise & Research, SUEZ, France

Carlos is currently the Group VP for Research, Development & Innovation for Suez. More than 80 priority projects are being developed to support the group in the operational performance and to develop new services. Under his responsibility, more than 200 specialists in water and waste technologies provide scientific, technical and technological support to the Suez companies worldwide. Before his appointment in Paris, Carlos developed his professional career internationally within Suez,

Geodino Carpio
Operations Group Director, Manila Water, Philippines

Geodino is the Group Director for Manila Water Company, Inc., the East Zone Concessionaire for the Metropolitan Waterworks and Sewerage System. He has held several senior positions over his 18 year career with Manila Water. Prior to joining the company, he was the Vice President for Information Technology for the Marsman Group of Companies where he was responsible for the IT planning and management for the four Marsman companies across 32 branches nationwide.

Eduardo Castagnari
Commercial Director, GS Inima, Brazil

Since 2009, Eduardo has been the Commercial Director of GS Inima Brazil (Group GS), a holding company of concessions and PPP for public services of water & wastewater. Prior to this, he spent 28 years as an Executive at the Group Camargo Correa, where he was superintendent of CAVO Services and Environment, specialising in sanitation and environment. He is also Founder and Director of ABCDN, since 1996.

Keith Allan
Director, Nanotera Water Solutions, UK

Keith has an exemplary track record as a senior business manager, with many years of successful experience in Sales, Operations and Marketing. He worked in Communications and Logistics for 30 years culminating in a role as Partnership Director at Royal Mail (2003-2011). Following, a successful period as a freelance business consultant, he began working within the water and remediation environment in 2014 and took up his post at Nanotera Water Solutions PLC in August 2015.

Nathan Allen
Executive Director, Nevada’s Water Center For Excellence, USA

Nathan is the Executive Director of Nevada’s Water Center of Excellence based in Las Vegas. Nathan joins DRI with a professional portfolio that includes experience in environmental sustainability, business development and research, construction, public outreach, and advocacy. Prior to joining DRI, Nathan served as CEO and Principal of TerraSwell, which he founded as a response to environmental science and sustainability challenges encountered in the field.

Kim Augustin
Head of Future Technologies, Hamburg Wasser, Germany

Kim is the head of Department Quality Management and Technology Development with HAMBURG WASSER. HAMBURG WASSER is a public owned company responsible for water supply and wastewater disposal in Hamburg. Kim focuses on the analysis and forecasting of future requirements for water supply and disposal systems as well as related services processes. Seeking sustainable solutions for urban infrastructure which are also economically viable Kim and his team develop technologies, systems and business processes to meet those requirements.

Annie Brooking
CEO, Bactest, UK

Annie joined BACTEST as CEO in 2011 in order to commercialise the company’s technology platform CYTOMAIA. In 2012 the company launched Speedy Breedy, a portable microbial respirometer aimed at detecting contamination in liquid and macerated solids which includes food, water and beer. Annie has been a CEO for over 20 years in the UK and Iceland and has brought 17 products to market.

Antonio Capristo
CEO, Newlisi, Italy

Antonio is an industrial engineer with a solid background of start-up and industrial process in multinational companies. He is an expert in sales and negotiating important tenders for B2B products in complex environments. Five years ago, Antonio joined Newlisi as CEO, an Italian company that owns several revolutionary patents able to radically reduce the sludge quantity in a Waste Water Treatment Plants (WWTP). Antonio successfully raised Euro 6.5 million in institutional funding.

Jean-Loïc Carré
Director, Pôle EAU, France

Jean-Loïc is the General Manager of Pôle EAU, a competitive, global, water cluster located in southern France. Pôle EAU aims at improving water industries and services performances through innovative collaborative R&D projects, international markets developments and cooperation consolidation. In 2012 he was appointed at Pôle EAU, to contribute to the consolidation of the regional water ecosystem and capitalize on Montpellier’s long term, worldwide-known academic reputation in this field.

Piers Clark
Chairman, Isle Utilities, UK

Piers is Isle Utilities’ Chairman. Isle is a technical, specialist water consultancy with offices in the UK, Netherlands, USA, Australia, Singapore and Abu Dhabi. Piers was previously the Managing Director for the private equity fund Global Water Development Partners (GWDP), a Blackstone portfolio company. From 2010-14 he was the Commercial Director at Thames Water, the largest of the UK water companies (serving 15 million people).
Anthony Crawford  
Head of Wastewater Control,  
Thames Water, UK

Anthony has over 25 years’ experience in the UK Water industry at Thames Water. He is Head of Waste Water Control where he is responsible for the development and operation of proactive control strategies, energy management and environmental compliance for the wastewater business. He has managed both the water and wastewater networks at Thames Water being responsible for delivering water and sewerage services to 15 million customers across London and the Thames Valley.

Trevor Hill  
Chairman & CEO,  
FATHOM, USA

Trevor is Chairman & CEO of FATHOM, a software-as-a-service company specialising in customer-centric meter data management and customer information systems. He has led four successful start-ups in the water industry encompassing a broad spectrum of activities, including water reclamation systems, investor-owned utility aggregation and technology. He holds a degree in mechanical engineering from Canada’s Royal Military College and completed post-graduate studies at the Royal Naval Engineering College in Plymouth, UK.

Andreas Giesen  
CEO,  
Waterwin, Germany

Andreas has two decades experience in water and wastewater treatment, water reclamation & reuse and recovery of valuable components from wastewater by crystallization. After working as a process specialist in drinking water and wastewater treatment, he headed-up the process department for industrial process and wastewater. He has also held the post as Director Innovation. In his current position, as Director Technology Water, he is responsible for maintaining Royal HaskoningDHV’s upstream expertise and technology position.

Bradley Eck  
Research Scientist,  
IBM, Ireland

Bradley is a Research Staff Member at IBM Research - Ireland. He received a B.S. degree in Mechanical Engineering from Texas Tech University in 2003 and M.S. and Ph.D. degrees in Environmental and Water Resources Engineering and Civil Engineering from the University of Texas in 2007 and 2010, respectively. His research interests include numerical modeling and optimisation with applications in hydraulics, hydrology and water quality.

Matthias Enzenhofer  
CEO,  
Waterwin, Germany

Matthias founded QWAR® in 2014 to commercialise his technology strategy focusing on clean water, renewable energy and resource/energy recovery through HaskoningDHV’s upfront expertise and technology position.

Peter Gallant  
CEO,  
WaterTAP, Canada

Peter is a serial entrepreneur with extensive experience in the global water technology sector. As the founding President and CEO of Kingston, Ontario-based Pathogen Detection Systems Inc. (PDS), he led the development of a novel automated microbial detection system. In 2009, PDS was acquired by Veolia Water Solutions and Technologies, a division of the world’s largest environmental services company – and became ENDETEC – the global water quality sensor platform for Veolia Water.

Andreas Enzenhofer  
CEO,  
Waterwin, Germany

Andreas has two decades experience in water and wastewater treatment, water reclamation & reuse and recovery of valuable components from wastewater by crystallization. After working as a process specialist in drinking water and wastewater treatment, he headed-up the process department for industrial process and wastewater. He has also held the post as Director Innovation. In his current position, as Director Technology Water, he is responsible for maintaining Royal HaskoningDHV’s upstream expertise and technology position.

Trevor Hill  
Chairman & CEO,  
FATHOM, USA

Trevor is Chairman & CEO of FATHOM, a software-as-a-service company specialising in customer-centric meter data management and customer information systems. He has led four successful start-ups in the water industry encompassing a broad spectrum of activities, including water reclamation systems, investor-owned utility aggregation and technology. He holds a degree in mechanical engineering from Canada’s Royal Military College and completed post-graduate studies at the Royal Naval Engineering College in Plymouth, UK.

Earl Jones  
Partner,  
Liberation Capital, USA

Earl is a Partner at Liberation Capital, a Private Equity fund that provides project finance for modular, repeatable and decentralized infrastructure. With an emphasis on environmental impact, Liberation Capital’s investment strategy focuses on clean water, renewable energy and resource/energy recovery through waste-to-value applications. Earl is also the Chairman of the New England Water Innovation Network (NEWIN).

Sandra Eager  
Technology Manager,  
BP Ventures, UK

Sandra is a Ventures Technology Manager in BP Ventures the corporate venture capital arm of BP. She evaluates start-up and growth stage technology companies with novel technologies in water in which BP may wish to be a strategic investor. Sandra joined BP Solar as a Photovoltaic Technologist working on improving the chemical processes involved in solar cell manufacture.

Peter Enston  
Managing Director,  
IVApps, Singapore

Peter has over 30 years experience in various global pipeline industries – including Upstream and Downstream Oil and Gas, Geothermal Power Generation and the global Water Distribution industries. His experience includes working with Schlumberger, Shell, Union Oil California and leading water companies like Suez, Veolia, Thames Water and Severn Trent Water.

Mark Fletcher  
Water Business Director,  
Arup, UK

Mark is responsible for all water and flood risk related business activity across Arup. He has delivered keynote speeches at Stockholm World Water Week, International Water Week in Amsterdam, COP21 in Paris and at WATEC in Israel. He was appointed by the RAEng as Visiting Professor in Engineering Design for Sustainable Development until 2008. In 2014 he was awarded an Honorary Doctorate from Bradford University for his work promoting sustainable water management.

Carlo Galli  
Strategic and Technical Advisor for Water Resources,  
Nestlé, Switzerland

Carlo guides Nestlé’s management at corporate and market level in its implementation. He works on the corporate water stewardship strategy and ensures the adoption of best practices within all Nestlé Operations aimed at minimizing the threats related to long term water availability, ensuring good relationships and collaboration with international and local stakeholders, deploying local water initiatives aligned with the “Nestle in Society – Creating Shared Value” framework.

Anna Halpern-Lande  
Senior Venture Principal,  
Shell Technology Ventures, The Netherlands

Anna currently works in upstream new business development and spearheads renewables use and deployment. She also works closely with and leads deals for the Shell Technology Ventures Fund. Before joining Shell in 2010, she was Vice President and Co-Founder of Tellurian Biodiesel, a leading biodiesel marketing, distribution, and production company.

Reinhard Hübner  
Investment Manager,  
SKion, Germany

At SKion, Reinhard is responsible for technology investments of which water sector investments are a major part. On behalf of SKion, Reinhard is also holding CEO and board member of several of SKion’s water portfolio companies. Prior to joining SKion, in 2010 he worked as a consultant at McKinsey & Company, Inc for eight years. Reinhard teaches operations management and sustainable development at the Technical University of Munich.

Nizar Kammourie  
CEO,  
Suido Kiko Middle East, Saudi Arabia

Nizar currently heads the Water Division of the privately-owned Saudi Brothers Commercial Group. The Water Division consists of three companies: SAWACO-Water Desalination - a private water utility, Suido Kiko Middle East - a Japanese-Saudi EPC venture in the water treatment field and Chembro - specialist chemical services provider for the water treatment industry. Nizar is the Director of the Business Development Unit of Saudi Brothers Commercial Group.
Steven Kloos
General Partner, True North Venture Partners, USA

Steve is a General Partner with True North Venture Partners, a firm that invests in disruptive innovations in energy, water, and waste and supports those companies on their journey to transform and lead global industries over time. At True North, Steve focuses on identifying technology trends and innovations, sourcing and leading investment opportunities, and assisting portfolio companies. Steve previously worked at GE Water and Osmonics in predominantly R&D roles.

Cate Lamb
Head of Water, CDP, UK

Cate has over 15 years of experience in all aspects of sustainable development, corporate water risk management and climate change resilience. As head of water at CDP, Cate is leading significant strides to address the global water challenge. Evidence and insight is vital to driving real change and we use the power of measurement and information disclosure to improve the management of water risk.

Mark Lechevallier
Director, Innovation & Environmental Stewardship, American Water, USA

Mark is the Vice President and Chief Environmental Officer for American Water, a water utility operating in 35 states and Canada, serving over 15 million people. Mark leads the research and innovation programme, and a recipient of the George Warren Fuller award in 1997 from the New York section of the American Water Works Association, the Able Wolman Award in 2012 and the A.P. Black award for research, both from the American Water Works Association in 2015.

Khalil Maalouf
Director, XPV Water Partners, Canada

Khalil is a Managing Director with XPV Water Partners. Khalil has over 20 years of leveraging his technical, analytical and capital markets experience to serve high growth technology companies. He helps entrepreneurs get the most out of their successful enterprises through his understanding of key value and market drivers. He works with our partners to build their companies and achieve their goals.

Thierry Mallet
Executive Vice President of Innovation, Marketing and Business Performance, Suez Environment, France

Thierry has been Executive Vice President of Innovation, Marketing and Business Performance for SUEZ since 2013. Thierry worked for the Générale des Eaux Group within the French Ministry of Transport, where he held various positions, primarily as Head of the water activities in Spain between 1995 and 1997, and in North America between 1997 and 1999. Thierry joined Degrémont as Executive Vice-President in 2002, before becoming Chief Executive Officer in June 2004 until 2009, when he became Chairman.

Gerard O’Connell
Engineer-in-Charge, Dublin City Council, Ireland

Gerard has been an Engineer with Dublin City Council for 34 years and for 6 moths with Leitrim County Council. Since 2007 has been has been Engineer-in-Charge of flood alleviation Projects in Dublin City and Eastern Region. He oversaw the implementation of Water Framework Directive in Dublin City.

John O’Regan
CEO, SCIFI, Ireland

John previously, founded and sold his wastewater treatment business, Envirotech, to DCC plc. He founded SCIFI to pursue his vision of creating a business based on sustainable energy generation and resource recovery from wastewaters utilising hydro thermal oxidation.

Nityen Ranjan Lal
Managing Director, Icos Capital, The Netherlands

Nityen is active in venture capital for over 13 years and in the technology industry for 20 years. He has served as an executive and director on the board for several start-ups in California, Israel, India and Europe. At Icos Capital, Nityen is active with water, recycling and energy efficiency process technologies. In this capacity, he is involved with Dutch Rainmaker, Biaqua, ReSteel and Greenclouds.

Mark Lane
Director, UK Water Partnership, UK

Mark is a Director of The UK Water Partnership, which he helped to found in 2015. Mark is also Chairman of The Flood Advisory Service, a Principal of his own company Mark Lane Water Consultancy Ltd and works as a Consultant to international law firm Pinsent Masons where he was a partner for 25 years. He also chaired the group of 26 experts who wrote the Report “Tapping the Potential - A Fresh Vision for UK Water Technology”.

Conor Linstead
Technical Water Lead, WWF, UK

Conor is a Freshwater Specialist with WWF-UK. He helps WWF-UK’s business partners to identify and understand water-related risks, and to identify opportunities to mitigate those risks in ways that benefit both the businesses and freshwater ecosystems. He also works with offices around the WWF network to assist them in implementing strategies and programmes for business water stewardship, with a particular focus on South Asia.

Susan MacKay
CEO, Cerahelix, USA

Susan is co-founder and current CEO of Cerahelix. She has more than 20 years’ experience in materials science research and product development including six years in corporate R&D at 3M. Susan previously founded Zeomatrix, and holds a Ph.D. in Chemistry from the University of North Carolina-Chapel Hill. In 2011 she was a Mass Challenge Finalist and was named a Mass High Tech “Woman to Watch”.

Jordi Molist
Head of the Department for Water Use Planning, Agencia Catalana Del Agua, Spain

Jordi is a civil engineer, with 16 years of experience in water management. At present he is Director for Water Supply in the Catalan Water Agency, which is the public body responsible for water administration in Catalonia, including the Greater Barcelona area. He is responsible for water resources management (including drought and flood events), dam operation, planning of new water facilities, regulation of bulk-water supplies, and allocation and revision of water withdrawal rights.

Paul O’Callaghan
CEO, O2 Environmental, UK

Paul is the founding CEO of O2 Environmental, a leading consultancy providing expert analysis on global water technology market opportunities. Paul also founded BlueTech® Research, a subsidiary of O2 Environmental that provides intelligence services to clients to identify key opportunities and emerging trends in the global water industry. Paul is widely recognized for his expertise in market analysis and success in providing business development support to venture-backed water companies before founding O2 Environmental.

Booky Oren
Chairman & CEO, Booky Oren Global Water Technologies, Israel

Booky is Chairman & CEO of Booky Oren Global Water Technologies operating the “Global Water Partnership Hub”, based on comprehensive approach integrating water utilities from various countries, global organisations, technology providers and the financial community. This Hub has been active in more than a hundred ventures globally, while overcoming the challenge of “i2i” – innovation to implementation. Booky has 30 years of experience in various industries and markets.
David Kenny
UK Regional Director, TaKaDu, UK
David, UK Regional Director at TaKaDu, has worked in the water industry for 18 years. Specialising in the areas of leakage consultancy and water management solutions, David has lead engineering and software projects in a number of utilities across the UK including Thames Water, Severn Trent Water, Northern Ireland Water and in the Republic of Ireland.

Usha Rao-Monari
CEO, Global Water Development Partners, UK
Usha is the CEO of Global Water Development Partners, a Blackstone Portfolio company. Usha is a seasoned investment professional with over 24 years of experience in investing and over 14 years of experience in the water infrastructure space. Most recently, Usha served as Director of the IFC’s Sustainable Business Advisory Group. In her role as Global Head of the IFC’s Water and Wastewater Group, she was responsible for creating the organisation’s water investment strategy.

Richard Riggs
Corporate Venture Capital, Saudi Aramco, UK
Richard is part of the European team at Saudi Aramco Energy Ventures (SAEV), the corporate VC arm of the Saudi national oil company. SAEV invests in oil & gas, refining, chemicals and water technologies. Previously Richard was Investment Manager at BASF Venture Capital after working for several years in R&D positions within BASF and Ciba Specialty Chemicals. Richard has a Masters and PhD in chemistry from the University of St. Andrews.

Ashley Rowe
CEO, British Water, UK
Ashley is the Chief Executive of British Water, formally Managing Director of Information and Performance Ltd., Business Development Director of Severn Trent Water International Ltd., and a director of a number of companies worldwide. He has extensive project development and business management experience both in the UK and internationally. His experience spans many fields including development of innovative technologies and processes, international business development, privatisation, public private partnerships & private sector participation.

Harry Seah
Chief Technology Officer, Singapore PUB, Singapore
Harry is the Chief Technology Officer of PUB, Singapore’s national water agency. The team he is leading coordinates the research and development initiatives in PUB, and support PUB’s mission through technology innovation, industry partnership, expertise development and introduction of best practices. Harry is the Director of the Technology Development under Environmental and Water Industry Programme Office, a multi-government agency set-up to spearhead the development of the environment and water industry.

Alexis Smith
CEO, My Private Ark, UK
Alexis has a successful career working in the global business and entertainment sectors, creating innovative solutions to enhance the success of a wide variety of companies. Alexis thrives in an environment where her creativity, imagination and ingenuity are valued attributes, underpinning her strong ethical management style. She has originated several trademarked designs, including Intelligent Modelling’s Flood Hazard Indicator.

Bob Stear
Head of Research and Development, Severn Trent, UK
Bob is the Head of Research and Development at Severn Trent plc – who provide and treat water and wastewater in the UK and internationally. Bob’s career has split into two halves; the first in operations management of sewage treatment and water production facilities serving circa 2 million customers and the second in strategic planning and performance improvement. In 2013 Bob was seconded into Defra for a year to work on implementation of the Water Act 2014.

Vicky Pope
Head of Integration and Growth, MET Office, UK
Vicky is responsible for maximising the benefits for government of the MET Office’s science capability and that of their partners. Vicky is identifying opportunities for innovation, integrating cutting edge environmental science developed by the Met Office and their partners, with the latest technology to provide new and improved services. Current interests include working with the space, hydrology, transport and digital economy sectors to develop new services, as well as advisory roles on climate change.

Simon Reid
Sustainability Director, Marks & Spencer, UK
Simon is a Sustainability Manager at Marks and Spencer (M&S) focusing on water. Simon joined the team in 2015 and currently focuses on analysing water related business risks, ensuring the business is managing risk and addressing water stewardship, strategy development and managing key relationships. Simon is a Chartered Environmentalist, holds a master’s degree in Environment and Development and has over 10 years of experience in the environmental sector.

John Ringham
CEO, South Australian Water Corporation, Australia
John has over 40 years experience in the water industry in the UK and Australia. John has experience in the areas of water resourcing, water supply and distribution, and capital planning, as well as in change management and international bidding. In November 2000 John was appointed Head of Water Services of the South Australian Water Corporation (SA Water) and later Chief Operating Officer.

Julio Schreier
Senior Waste & Waste Water Specialist, European Bank of Reconstruction and Development, UK
Julio has been working at the EBRD since 2012. He currently holds the position of Senior Water and Wastewater Specialist at the Municipal and Environmental Infrastructure (MEI) team. As part of his role, he is responsible for the technical assessment and validation of projects within his sector responsibilities, including pre-project analysis, project preparation, support during internal Bank project cycle, implementation and monitoring in all EBRD’s Countries of Operations.

Manoj Sharma
Senior Urban Development Specialist, Asian Development Bank, Philippines
Manoj has 25 years of experience working with Asian Development Bank (ADB) and Government of India. He specializes in policy planning and strategy, project processing, financing, and administration in the urban sector with focus on urban water supply and wastewater. Manoj is a graduate in Civil Engineering from I.I.T. Delhi, postgraduate in Management from I.I.M. Calcutta, and a CFA Charter holder from CFA Institute, USA.

Nidhi Srivastava
Director of Finance, Delhi Jal Board, India

Hervé Suty
Scientific & Development Advisor, Veolia, France
Hervé is currently Scientific and Development Advisor within Veolia after being Senior Vice-President for Research and Innovation of the group. He is a chemical engineer with a master’s degree in Spectrochemistry from the University of Paris VI. He worked for a chemical company for 17 years in R&D, developing plastics and later chemicals for the water treatment and pulp and paper industries.
Adrian Sym
Executive Director,
Alliance for Water Stewardship, UK
Adrian joined the Alliance for Water Stewardship as Executive Director in 2011. Adrian has a diverse range of experiences in the international development sector, including with social and environmental standards, and in running his own business. Adrian joined AWS from Fairtrade International, where he led Fairtrade’s partnerships program. Before this, Adrian worked for many years on disability-related programs in South Asia.

Neil Townend
Managing Director Monitoring,
Modern Water, UK
Neil leads the Monitoring division of Modern Water and is responsible for a portfolio of innovative and market-leading online and portable analysers and sensors. He has over 20 years technical and commercial experience in the environmental and water sectors. Neil has previously held technical positions in environmental consultancy with RPS Consulting and SGS Group and senior commercial roles in sales and marketing in Chemviron Carbon, the European operation of Calgon Carbon Corporation.

Lin Yu Chen
Chairman & CEO,
CITIC Envirotech, China
Lin is the founder of CITIC Envirotech Ltd (CEL, formerly known as United Envirotech Ltd or UEL). He held the position of CEO and Chairman of UEL for 11 years since the Company’s listing on the Singapore Stocks Exchange in 2004. He was re-designated as the Group CEO and Executive Director after the acquisition of UEL by a consortium led by CITIC Group, the largest conglomerate in China, and KKR in 2015.

Duncan White
Investment Director,
Ombu Group, UK
Duncan is an Investment Director at Ombu Group, a UK-based venture capital company focused on the water, energy, industrial and healthcare sectors. Duncan works across all aspects of investment including sourcing and evaluating opportunities, executing transactions and representing the Group on portfolio company boards. Ombu Group are significant shareholders in Bluewater Bio and IZO Water and are backed by Invesco Perpetual and Woodford Investment Management.

Lydia Whyatt
MD,
RESONANCE ASSET MANAGEMENT, UK
Lydia joined Resonance Asset Management in 2014 as a Managing Director with a goal to develop a water and resource recovery infrastructure investment proposition. The investment strategy that she developed focused on industrial water infrastructure finance. It has attracted significant interest from institutional investors, and the fund dedicated to this strategy has raised over $180m to date. The fund has started to make investment and continues to raise capital.

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BRINGING OUR FRAGMENTED WATER SECTOR TOGETHER.

FATHOM™ helps water utilities do more with declining resources. Our comprehensive, risk-free SaaS solutions address the critical challenges facing utilities to increase revenue, decrease costs and delight customers. In addition, our new FATHOM Store connects utilities with unique technology innovations to truly revolutionize the water utility paradigm.

As we look for new ways to maintain and retain our precious natural resources and strengthen our utilities, it’s clear we are fathoms ahead of the competition.

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FRANK Water works with local partners to deliver appropriate, equitable and sustainable solutions to water and sanitation issues in the poorest and most vulnerable communities in India. We implement water supply systems, sanitation solutions and health and hygiene awareness activities; we conduct research with partners to progress understanding of issues and solutions that affect the WASH sector; and we advocate for change based on the results of our projects and research. We have been working in India for almost 10 years and have supported over 200,000 people to improve their health through increased access to water, sanitation and hygiene education.

British Water is an association which has a wide and varied membership covering all sectors of the water industry. From consultants, legal and financial partnerships, manufacturers of equipment and multi-disciplinary contractors to SMEs and independent consultants. We work to bring a coherent approach to delivering in partnership with the water companies, the best for the British water industry. We try to ensure each member company has access to services that will enhance their development potential and provide an added value factor to the way they do business.

Rethink summits are created by experts in the water, waste and agri-tech industries to address the issues most crucial to investors and developers in these sectors. Through our global network of industry advisors, we produce highly-focused, topical summits which gather all the right people together in one room to share ideas, find solutions and identify new business opportunities.

For more information about Rethink, visit www.rethinkevents.com
Cerahelix combines DNA biotechnology and ceramic chemistry to decrease the strain on freshwater resources. Their patented picofiltration technology provides an efficient water recycling solution for challenging industrial process conditions. Cost savings include less down time and decreased energy consumption. Their durable PicoHelix filter has broad applications across multiple industries with an initial focus on oil and gas. Cerahelix can provide these customers with a cost saving solution for treating oilfield-contaminated water for re-use.

Catalysystems has brought its hybrid photocatalytic AOP process to market. Its GYRECAT products and solutions are currently designed to meet applications requiring water/wastewater treatment from 1-100cu.m/hr. The energy efficient GYRECAT solution can be used as a final polishing stage to meet stricter disposal or reuse targets, as a modular retrofit to existing plant, as well as being a consideration within new ETP design for industrial/commercial/community-scale applications.

Intelligent Modelling works within the flood defence sector providing unique, patent-pending software that accurately and cost-effectively predicts all common types of flooding. They possess the ability to accurately map pluvial flood water pathways in urban and rural environments automatically, without the need of costly human data input. They currently have contracts awarded with two of the largest water authorities in the UK to provide flood forecasting and flood protection across the country.

iVapps has developed a revolutionary patented industrial valve. For the first time ever it’s possible to replace a valve without isolating the pipeline in just 10 minutes. Already proven within the water industry, it can eventually be used in any pipeline industry. This also enables Pipeline Networks to connect to the Industrial Internet Of Things. iVapps’s intention is to make this hugely scalable pipeline fitting the paradigm shift for pipeline technology for the 21st Century.

Newlisi Zero Sludge owns several worldwide-patented technologies which are able to treat and reduce civil and industrial sewage sludge. Ratio cost/benefits is the most impressive on the today market. The six stage process involves chemical-physical reactions including wet oxidation. After four years of successful laboratory and pilot trials, applications of the technology on a full scale STW in Italy showed a sludge removal efficiency up to 85% leading to an important deployment of the revolutionary system.
**ScFi Group**

SCFI is an Irish company that develops technologies to treat aqueous organic wastes and generate renewable energy for industrial and municipal markets. SCFI’s patented technology, AquaCritox, uses hydro thermal oxidation to destruct highly contaminated organic waste waters and wet sludges while producing renewable energy and recovering valuable by-products.

**WaterWin**

**Bactest**

Bactest specialise in turning bacterial activity into data. Shepherd is the core product for the wastewater treatment sector. Shepherd is an Activated Sludge Monitoring and Management System that floats in an activated sludge lane and automatically samples every 60 minutes calculating an accurate BOD5 proxy every hour. This BOD5 proxy can be used to optimise airflow making treatment of wastewater more energy efficient and thus reducing the carbon footprint of the process.

**Amec Foster Wheeler**

Amec Foster Wheeler designs, delivers and maintains strategic and complex assets for customers across the global energy, water, mining, environment and infrastructure markets. With water security planning, urban resilience and sustainable treatment solutions ever higher on the agenda, Amec Foster Wheeler is your project partner of choice worldwide.

**New Sky Energy**

New Sky Energy is an award-winning clean chemistry company based in Boulder Colorado. Winner of the Imagine H2O Prize and the South by Southwest Eco Showcase, New Sky has developed novel water and gas treatment technologies that dramatically lower treatment costs by converting chemical wastes such as H2S, CO2 and metals into useful resources.