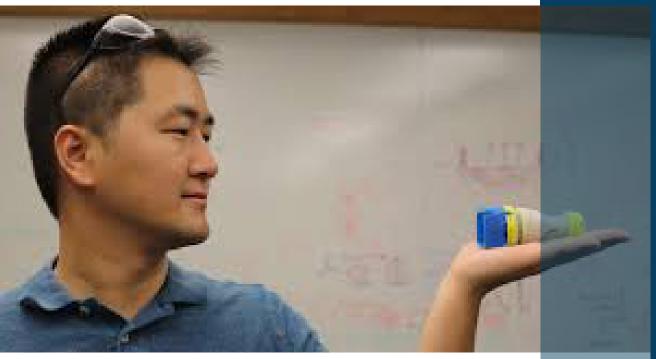
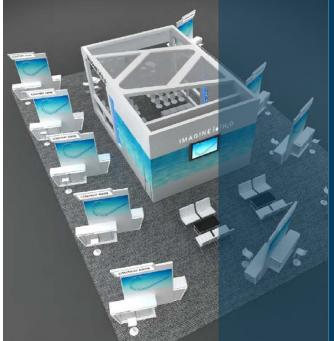
# SMART WATER HUB PROGRAM OVERVIEW

Advancing Environmental Sustainability through Water Innovation

IMAGINE ♦ H<sub>2</sub>O







May 31 – June 2, 2018  $\, \perp \,$  Hall 7.1 Booth 9125  $\, \perp \,$  National Exhibition and Convention Center



PART OF















### **WELCOME TO IMAGINE H2O CHINA**

China continues to strengthen its commitment to the protection of the environment and water, air and soil quality. According to recent estimates, investment in environmental protection will reach € 2.15 trillion over the next five years with a considerable amount of resources directed towards water stewardship. Investment is being matched by political support to develop and enforce new environmental standards—further accelerating efforts by industry and government to support an environmentally sustainable future.

Imagine H2O, a global water innovation accelerator, launched its inaugural China Initiative this year to bridge vetted global innovation to the China market. Since 2009, Imagine H2O has provided entrepreneurs with the resources, insight and visibility to launch and scale water solutions. By partnering with industry and policy experts and a global network of customers and investors, Imagine H2O has become a proven path-to-market for emerging water technology businesses.

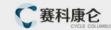
Along with program partners PureTerra Ventures and Isle Utilities, Imagine H2O's Smart Water Hub aims to showcase promising new water solutions for the China market. This select group of water technology businesses has been vetted for China market readiness, commercial viability and impact on water resource management. The Smart Water Hub will host interactive discussions with industry leaders to highlight the opportunities and challenges to the deployment of water innovation in China. Case studies and workshops will provide an opportunity to elaborate on the path forward. A dedicated pitch session will enable each Smart Water Hub exhibitor to present to a distinguished panel of judges and broader audience of water industry professionals.

#### THANK YOU FOR JOINING US









#### **SMART WATER HUB: AGENDA**

May 31 – June 2, 2018 | Hall 7.1 Booth 9125 | National Exhibition and Convention Center

#### DAY 1: THURSDAY, MAY 31

10:30 - 12:00

**IMAGINE H2O SMART WATER HUB FORUM** 

Challenges and Opportunities for Deployment of Water Innovation in China

(20min)

**Keynote: Overview from a China Water Business Veteran** 

Alex Zhang, Chairman and Managing Partner, Amane Advisors China

Amane Advisors is an advisory firm dedicated to the water industry bringing services to its clients on all matters relating to their growth. Clients range from global multinationals, institutions and investors, to innovative start-ups and technology companies. Mr Zhang has recently joined the group to accelerate growth in the Chinese market. With over twenty years of experience bringing external technologies in to China, he is a pioneer and expert in the Chinese water market. Mr Zhang will reflect on broader trends and opportunities he sees for adoption of water innovation across sectors, and advice for Chinese and international companies entering and seeking to expand in the market.

(10min each)

**Case Studies: Insights from Innovation Leaders** 

Brief 5-10 minute presentations of practical case studies which highlight the opportunities and challenges for the deployment of water innovation in China.

BASF Petronas Chemical Plant & Shanghai Chemical Industry Park (SCIP): 360° waterproofing and protective coating for concrete substrates in aggressive wastewater treatment environments. Tsing Capital: Examples of why promising startups from overseas may struggle in China - common

Suez China: Recent technical advances in Suez China's wide-ranging operations.

(40min)

**Panel Discussion** 

pitfalls and opportunities.

Moderated dialogue that will summarize lessons learned from the case studies presented and highlight strategies moving forward to accelerate the deployment of global water innovation in China.

Alex Zhang, Chairman and Managing Partner, Amane Advisors China (Moderator) Virginie Francois, Regional Business Segment Manager, BASF Construction Chemicals Asia Pacific

Larry Zhang, Managing Director, Tsing Capital

Shirley Wang, Data Lead, Suez China

12:00 - 12:20

**SMART WATER HUB TOUR** 

20 minute guided tour with Chinese translation of Imagine H2O Smart Water Hub exhibitors

12:30 - 13:00

Workshop: Supporting Commercialization of Global Technologies in New Markets - Lessons from India

Lakhwinder Hundal, CTO, InNow LLC

InNow India Pvt Ltd is an advanced technology company that brings to market cutting-edge solutions for water, wastewater and waste-to-energy sectors.

14:00 - 15:30

**SMART WATER PITCHES** 

Hear from entrepreneurs with innovative solutions to China's water challenges. Ten minute pitches with Q&A from a distinguished group of judges (including a Wetskills Young Professional).

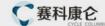
**Smart Water Hub Exhibitors presenting include:** 

Optiqua (Netherlands); Oxymem (Ireland); Cerahelix (USA); Utilis (Israel); Puralytics (USA); Nanospun (Israel)









#### DAY 2: FRIDAY, JUNE 1

10:30 - 12:00

**IMAGINE H2O SMART WATER HUB FORUM** 

**Emerging Innovation Trends in China – What Makes China Unique?** 

(20min)

**Keynote: Practical Approaches to Wastewater Innovation in China** 

Dr. Xiao Lin, General Manager, Cycle Columbus

Beijing Cycle Columbus Environmental Science and Technology has created a clean production solution for an entire industrial production chain. The basic concept includes emission reductions from headstream, full utilization of resources, and deep and harmless treatment. The relevant wastewater treatment technology has the top market share in steel and iron, nonferrous metals and ternary composite industries. The company has completed 53 projects, with daily treatment of 35,000 tons of waste water; as well as a total of 25 projects with 21,520 tons daily water treatment in tertiary composite frontier.

(10min each)

**Case Studies: Insights from Innovation Leaders** 

Brief 5-10 minute presentations of practical case studies which highlight the opportunities and challenges for the deployment of water innovation in China.

Jiangsu Yancheng Coastal Chemical Industry Park: CleanPath Shitai provides industrial waste water treatment solutions using innovative ECR catalytic oxidation technology combined with MABR biological treatment technology for modular, highly efficient and stable wastewater treatment Zhejiang Institute of Hydraulics and Estuary, Hangzhou, China: Feasibility Technology to Build

Detention Basin in Coastal Plain Areas in Zhejiang Province. Novozymes: Recent deployments of Novozymes operations in China with their proprietary enzyme

(40min)

**Panel Discussion** 

technology.

Moderated dialogue that will summarize lessons learned from the case studies presented and highlight strategies moving forward to accelerate the deployment of global water innovation in China.

Tao Li, China Director, International Water Association (IWA) Xiao Lin, General Manager, Cycle Columbus Alexander Crowell, Managing Partner, PureTerra Ventures

Wetskills delegate

12:00 - 12:20

**SMART WATER HUB TOUR** 

20 minute guided tour with Chinese translation of Imagine H2O Smart Water Hub exhibitors

12:30 - 13:00

Workshop: The Elements of Successful Representative Agreements and Partnerships

**Roots Group Limited / Utilis Corp** 

14:00 - 15:30

**SMART WATER PITCHES** 

Hear from entrepreneurs with innovative solutions to China's water challenges. Ten minute pitches with Q&A from a distinguished group of judges (including a Wetskills Young Professional).

**Smart Water Hub Exhibitors presenting include:** 

ODrylet (USA); Eomap (Germany); SENTRY (Canada); Aquarius Spectrum (Israel); Tusaar (USA); **Bluewater** (Sweden)

16:00-17:00

**Smart Water Hub Reception Powered by Cycle Columbus** 









#### **DAY 3: SATURDAY, JUNE 2**

10:30 - 12:00

#### **SMART WATER PITCHES**

Hear from entrepreneurs with innovative solutions to China's water challenges. Ten minute pitches with Q&A from a distinguished group of judges (including a Wetskills Young Professional).

**Smart Water Hub Exhibitors presenting include:** 

Hydro-dis (Australia); Mitte (Germany); Vienna Water Monitoring (Austria); Arvia (UK); Systea (Italy)

12:00 - 12:30

**IMAGINE H2O SMART WATER HUB AWARD CEREMONY Powered by Cycle Columbus** 

#### **KNOWLEDGE PARTNERS: IMAGINE H2O SMART WATER HUB**













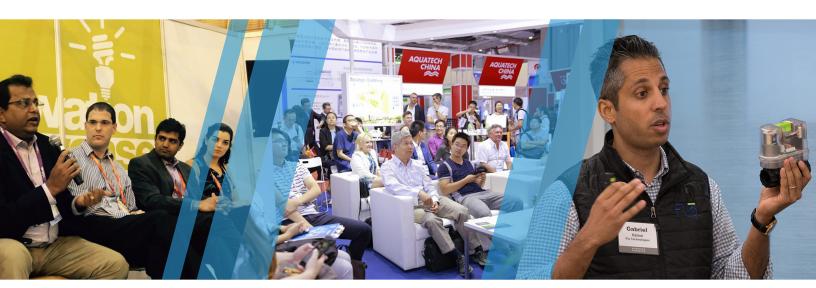








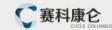












#### **TECHNOLOGY DESCRIPTIONS**



COMPANY	SPEAKER	COUNTRY	WEBSITE
Aquarius-Spectrum Ltd	Mr. David Solomon Founder & CTO	Israel	aquarius-spectrum.com

AQS-SYS is a fixed installation of correlating sensors providing continuous pipe monitoring and leak detection. The system uses permanently installed vibration and hydrophone sensors. Highly sensitive sensors equipped with new-generation signal processing algorithms which can monitor pipes of every type of material, with high efficiency and wide coverage, using typically 2-3 sensors per km or pipe (depending on the pipe material). The system provides a flexible and cost-effective solution for pipe monitoring and leak detection.



COMPANY	SPEAKER	COUNTRY	WEBSITE
Drylet, LLC	Luka Erceg President & CEO	USA	drylet.com

Drylet's patented biocatalyst has the unique ability to deliver unparalleled numbers of specifically selected microbes to an organic source for its consumption. With more than 40% of reduction in biosolids production, Drylet provides substantial savings without requiring any capital expense. Customers data shows more than 30% in total savings, not including savings from postponing facility expansion projects—a consequence of Drylet's products improving wastewater treatment plant capacity.



COMPANY	SPEAKER	COUNTRY	WEBSITE
Arvia Technology Ltd	Jingyan He	UK	arviatechnology.com

Arvia's Nyex™ Treatment Systems combine adsorption with electrochemical oxidation in a single, scalable unit without chemical dosing or the generation of sludge. Contaminants are concentrated on the surface of Arvia's proprietary adsorbent media which is non-porous with high electrical conductivity. Unlike Granular Activated Carbon, Nyex™ media is effectively regenerated insitu and the process can continue without interruption or replacement. Arvia improves discharged water quality, enables water reuse, and improves raw water quality with significant operational and financial advantages to their customers.











COMPANY	SPEAKER	COUNTRY	WEBSITE
Hydro-dis	Mark Carey Chief Executive Officer	Australia	hydro-dis.com.au

The Hydro-dis® system is a proven unique water disinfection technique that uses the electrocatalytic breakdown of water to instantly destroy waterborne micro-organisms including micro-flora, while simultaneously converting chloride ions into chlorine leaving a measured residual disinfection in the treated water.. The Hydro-dis® system replaces traditional disinfection techniques with a cost effective, environmentally friendly, modular and portable system. The Hydro-dis® process has achieved certification to the Australian Standard 4020 which certifies any product used in contact with drinking water in Australia.



COMPANY	SPEAKER	COUNTRY	WEBSITE
Tusaar Corp.	Gautam Khanna CEO	USA	tusaar.com

Tusaar's LASor (Ligand Augmented Sorption) technology delivers a unique, versatile and robust industrial waste water treatment media that removes up to 45 different targeted metals from aqueous streams. The technology performs in difficult conditions – presence of organics, high TDS & COD, multiple metals and contaminants – conditions where competitors fail. The technology is simple to use and does not require highly trained operators. It uses standard, of the shelf water treatment equipment and in many cases currently installed systems using media (ion exchange, GAC etc.) can be retrofitted to use LASor.

## optiqua

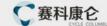
COMPANY	SPEAKER	COUNTRY	WEBSITE
Optiqua Technologies Pte Ltd	Melchior van Wijlen MD & Co-Founder	Netherlands, Singapore	optiqua.com

EventLab is a real time continuous monitoring system that monitors the overall water quality and full spectrum of possible chemical contaminations with a single sensor. The EventLab system detects contaminations at the earliest stage possible and outperforms traditional sensors with a superior contamination detection rate. Minilab uses the same optical principle as EventLab (changes in RI), but combines it with biochemistry (a target specific receptor layer applied to the optical chip). MiniLab is an easy to use sample analysis tool that can detect specific compounds sensitively (low ppb, high ppt range) and fast (test result in 2 minutes), and is specifically designed to be used in the field.











COMPANY	SPEAKER	COUNTRY	WEBSITE
Mitte	Moritz Waldstein Wartenberg CEO	Germany	mitte.co

Mitte has built the first smart home system that enables users to turn tap water into purified and personalized mineral water. Water is purified to an unmatched degree through our proprietary purification method based on distillation. Our process removes all contaminants, from bacteria, hormones and chemicals to metals and chlorine. Mitte is digitally integrated and works with a companion app, that acts as a control centre for the system. This allows users to see the water quality in real time awhile also triggering automatic replenishment of cartridges.

### OXYMEM

COMPANY	SPEAKER	COUNTRY	WEBSITE
Oxymen	John McConomy Commercial Director	Republic of Ireland	oxymen.com

OxyMem's MABR is the most efficient biological wastewater treatment system on the market; achieving a Standard Aeration Efficiency (SAE) up to 14 kgO2/kWh. Treatment plants could operate with lower OPEX and be up to 80% smaller in size. OxyMem use 'curly' membranes and employs these hollow fibre, gas permeable membranes to support the biology in OxyMem MABR and to ensure maximum contact of biofilm with pollutants in the wastewater; enhancing the wastewater treatment. The innovative solution results in a compact and robust modular system that can be applied in either new build plants or simply dropped into existing plants to upgrade their treatment capacity.



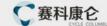
COMPANY	SPEAKER	COUNTRY	WEBSITE
Utilis / Rep Roots	Charles Wan	HQ Israel	utiliscorp.com

Technology once used to find water on other planets has now been adapted to find water right here on Earth. Water utilities are now able to benefit from this ground-breaking technology developed by leading space agencies to save you time, money and water. Satellites orbiting the Earth scan the ground and detect water leaking from urban distribution and transmission water networks. Utilis Corp has patented this technology and brought it to the market to help you. With this cost-effective tool at your disposal, non-revenue water (NRW) is now too costly to ignore. Let Utilis Corp reduce your NRW today.











COMPANY	SPEAKER	COUNTRY	WEBSITE
EOMAP GmbH & Co KG	Hendrik Bernert Manager Aquatic Services	Germany	eomap.de

The eoWater service of EOMAP is the first system, which implements various satellite sensors to provide the highest spatial and temporal resolution, and the highest quality of relevant open water parameters. The information is easy accessible through the eoApp® web application, provided on demand through an API interface into the client system, or customized into routine reports. No mobilization or permissions are needed. Data are available within hours, but also for historic reviews up to 30 years back in time, for any location worldwide. EOMAP has been awarded the Copernicus Award in 2011 and 2013 and the Geospatial World Award in 2017.



COMPANY	SPEAKER	COUNTRY	WEBSITE
VWMS GmbH	Wolfgang Vogl CEO & Founder	Austria	v-w-m.at

Unlike conventional, slow (24h+) laboratory techniques the ColiMinder© can be used for real time process monitoring and control, adjusting treatment parameters according to the actual level of bacterial contamination. The ColiMinder® is calibrated and delivers a result in Modified Fishman Units per 100mL for E.coli contamination, which represents the E.coli -specific enzymatic activity per 100mL as a direct measure for the number of living organisms per sample volume. The system is exceptionally fast, even compared to other advanced microbiological monitoring technologies (15 minutes from sample to result provides an unmatched 57 measurements/day).



COMPANY	SPEAKER	COUNTRY	WEBSITE
Puralytics, Inc	Rick Lockett CEO	USA	puralytics.com

Puralytics uses light energy and an advanced nanotechnology to purify water through simultaneous photochemical reactions, destroying volatile organic chemicals, pesticides, pharmaceuticals and endocrine disruptors, while also sterilizing bacteria, viruses, and other pathogens. There are no chemical additives and 100% of the water is purified. The nanomaterial is not consumed or broken down, minimizing chemical and water waste associated with traditional chemical and physical water treatment technologies. Contaminants are destroyed instead of concentrated, eliminating the disposal problems associated with traditional water treatment technologies.











COMPANY	SPEAKER	COUNTRY	WEBSITE
SYSTEA S.p.A.	Luca Sanfilippo Marketing Manager	Italy	systea.it

Easychem TOX Early Warning is an on-line analyser for drinking water and environmental monitoring applications using dried bioluminescent bacteria, automatically rehydrated to ensure long-term unattended operation down to 5 minutes frequency. The use of up to 20 industrially prepared dried bacteria vials automatically regenerated and handled by the Easychem TOX Early Warning analyser allow a very fast detection time in case of heavy water pollution. The system design is based on discrete analytical technology, meaning easy and reliable operations in the field by water plants technicians, high reliability, an easy user interface including alarm capabilities, and low maintenance cost.



COMPANY	SPEAKER	COUNTRY	WEBSITE
Cerahelix	Susan MacKay CEO	USA	cerahelix.com

Cerahelix has developed a new class of ceramic filters by combining DNA with ceramic chemistry. DNA is used as a template to form pores less than 1 nanometer in the ceramic material. The result is a membrane with a molecular weight cutoff capable of molecular separations that is highly durable (temperature and chemical resistant) and resists fouling. The unique features of these membranes allow them to function under a broad range of operating conditions. The result is that they can be used in new process designs that are highly efficient with significant cost savings.



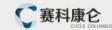
COMPANY	SPEAKER	COUNTRY	WEBSITE
BlueWater	Bengt Rittri Founder & CEO	Sweden	bluewatergroup.com

Bluewater SuperiorOsmosis™ – Delivering more cleaner, healthier drinking water from the tap and drastically cuts the water wastage common to traditional reverse osmosis technology. Innovated in Sweden, SuperiorOsmosis™ delivers unmatched purification efficiency, operating capacity and service life. SuperiorOsmosis™ technology gives users direct flowing water at up to a stunning 6,912 liters of purified water a day. Engineered into Bluewater's sleek looking, point-of-use Spirit and Pro water purifiers, SuperiorOsmosis™ helps ensure cleaner, healthier water that you can trust year after year with minimal service requirements.









# nanospun

COMPANY	SPEAKER	COUNTRY	WEBSITE
NanoSpun	Ohad Bendror CEO	USA	nanospuntech.com

NanoSpun is dedicated to the concept of ""Biology as Cassette", improving efficiency, treatment capabilities and cost positions of industries that are reliant on the accomplishment of biological substances and processes such as bioremediation, bioaugmentation, fermentation and enzymatic reaction. These industries benefit from our solutions as our technology enables true progress in a sustainable manner. Industries that were previously unable to depend on biology due to its live and inconsistent nature are finally able to harness the power of biology to their advancement.







COMPANY	SPEAKER	COUNTRY	WEBSITE
SENTRY (Island Water Technologies)	Michael Wang COO & VP at ALCLE Environmental Solutions Inc.	Canada	islandwatertech.com/about/

Island Water Technologies has developed the SENTRY-AD bio-electrode sensor. SENTRY-AD provides real-time information to the operator that allows for the monitoring of microbial metabolic activity in the anaerobic digestion (AD) wastewater treatment process. The data allows operators to monitor the impact of toxic chemicals or process imbalance on microbial health in the AD system. Additionally, this data can be aggregated and combined with existing water quality and operational data to improve and optimize AD system performance.











#### **BIO SPEAKERS & PANEL MEMBERS**



#### ALEX ZHANG | CHAIRMAN AND MANAGING PARTNER OF AMANE ADVISORS CHINA

Alex Zhang, Chairman and Managing Partner of Amane Advisors ChinaPrior to his role at Amane Advisors, Alex was founder of McWong Environmental and Energy Group, a US water company doing business in China for more than 20 years. Under his leadership McWong contracted over 200 environmental projects in China and its client included many Fortune 500 companies. Alex also provided a platform for environmental and energy-related companies to connect with China, including technologies, equipment, and services, China business development, M&A, market research and consulting. Additionally, Alex served as vice chairman of Guozhen Environmental Protection and Energy, board member of American Tire Corporation, and Vice-President of Alanco Environmental Resources.



#### DR. XIAO LIN | PH.D. AND SENIOR ENGINEER OF BEIJING CYCLE COLOMBUS

Member of Standardization committee of National chemical waste disposal technology assembly. Dr Lin Graduated from Institute of Process Engineering of Chinese Academy of Sciences in 2007 and has been worked there as a scientific researcher afterword. Dr. Lin went to Georgia Institute of Technology as visiting scholar in 2010, after coming back to China he focused on technology practice and set up Cycle Columbus as a co-founder. In 2015, he became general manager of Cycle Columbus and the president of Beijing Sino-Sci Columbus Environmental Science Research Institute. Areas of Research: waste material recycle.

As a project leader, Dr. Lin has accomplished more than 40 research projects from government and engineering projects for industrial clients. Under his leadership, the annual growth rate of Cycle Columbus has been above 100% for 6 consecutive years and the company's market share is at the top in many frontiers. In the area of ferrous metallurgy and non-ferrous metallurgy industry Cycle Columbus is the leading provider of sustainable development innovation such as clean production technology upgrading, new energy strategy, etc.

Dr. Lin has published more than 40 academic papers, and been granted for more than 30 patents, participated in the drafting of 4 national standards as well. One of his relevant research project rewarded as the second class price of national science and technology invention, and 5 of other projects won different first class price at provincial and ministerial level. There are four of his relevant research projects became models of environmental protection technologies national wide. He is now being supported by many talent funding programs such as innovation leading talents training program (hosted by Chinese Academy of Engineering and British Royal Academy of Engineering), as well as Beijing Excellent talent funding project.



#### DR. LARRY ZHANG | MANAGING PARTNER OF TSING CAPITAL

For the past decades, Dr. Zhang has been actively committed himself to the cleantech investment in China. As one of China's leading cleantech investment pioneer, his expertise covers various sectors including environment, renewable/clean energy and energy efficiency, advanced manufacturing and new material etc. Prior to joining Tsing Capital, he worked with internet companies responsible for investment, financing and strategic planning. Dr. Zhang now sits as directors in some portfolio companies including New Concept (2221.HK) and a number of other private companies.

Dr. Zhang graduated from AMP program of Harvard Business School. He also holds degrees of Ph.D in Economics from UIBE, LLM and a bachelor's degree in Scientific English.











#### **ALEXANDER CROWELL | MANAGING DIRECTOR, PURETERRA VENTURES**

Alexander has over 20 years' experience in the global water-and wastewater sector, in both commercial land technical roles, giving him an intimate understanding of the challenges start-ups face in the water market. He has worked for several water technology start-ups receiving private equity funding, most recently at NewTerra in Canada and Voltea in The Netherlands.



#### DR. TAO LI | REGIONAL DIRECTOR OF THE INTERNATIONAL WATER ASSOCIATION (IWA)

Director of the International Science and Technology Center for Urban Alternative Water Resources Development, Ministry of Sciences and Technology, China.

He is a well-known expert on water and wastewater sector and currently services as the programme committee member of Singapore International Water Week. He has been the Regional Director of IWA since 2013. He has published more than 30 scientific research papers in peer-review journals as well as two books. He also used to be a consultant for WHO and ADB. Prior to joining IWA, he did research at Australia Water Quality Center and worked as an assistant professor in Research Center for Eco-Environmental Sciences, Chinese Academy of Science, and he was in charge of many national research and implementation projects on water field.



### VIRGINIE FRANCOIS | REGIONAL BUSINESS SEGMENT MANAGER BASF CONSTRUCTION CHEMICALS ASIA PACIFIC

Virginie is responsible for water management and waterproofing segment in Asia Pacific under Master Builders Solutions brand by BASF.

With over 12 years' experience in the construction chemicals industry, Virginie started her career in France to Singapore and across Asia Pacific. Virginie believes that water management is the most important challenge that cities will face globally in the next decade.

For her, construction chemicals play a part to support the fast-growing cities and changing world to create a more sustainable and livable environment to endorse the quality of life in future cities - starting with water we drink.



#### MR. JUNCHANG MAO | WASTEWATER TECHNICAL DIRECTOR OF CLEANPATH CHINA

Junchang Mao (Andrew) has more than 25 years of working experience in various types of jobs in the environmental protection area, especially in the industrial waste water treatment industry. He has worked for the local environmental detecting authority, Shanghai Academy of Environmental Sciences, waste water treatment plants of the textile mill and paper mills, Canadian ADI Systems Inc. etc., and currently is the Director of Industrial Wastewater Treatment of CleanPath Shitai.

The scope of work includes, but is not limited to investigation of pollution sources, environmental plan making, waste water treatment project design, project operation and maintenance, communication and coordination with Chinese and international technical experts, equipment procurement, providing guidance for project site installation and technological adjustment, analysis of water quality and establishing waste water treatment process control indicators etc.









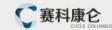


#### **LAKHWINDER HUNDAL | CTO, InNow**

Dr. Hundal is a renowned scientist with 25+ years of experience in wastewater treatment, resource recovery, and beneficial reuse of residuals. Prior to joining InNow as CTO of the Water and Wastewater Division, Dr. Hundal held senior level positions in the Research and Monitoring Division of the Metropolitan Water Reclamation District of Greater Chicago (MWRD), which operates the world's largest wastewater treatment plant and treats over 1.5 billion gallons of wastewater daily. Dr. Hundal has published over 110 scientific papers, book chapters, white papers, and reports on wastewater treatment and improvements in water quality by promoting resource recovery and beneficial reuse of residuals. He has chaired numerous national and international committees including the USDA's National Research Committee on Beneficial Reuse of Residuals and Reclaimed Water - Impact on Soil Ecosystem and Human Health. Dr. Hundal has organized and presented at numerous national and international conferences and symposia. He is currently serving as international expert advisor for the National Biosolids Partnership (NBP). Dr. Hundal has received numerous awards including the "National Environmental Achievement – Educational Category" award from the Nation Association of Clean Water Agencies and "Exemplary Biosolids Management" award from the United States Environmental Protection Agency.







#### **IMAGINE H20**



**Imagine H2O**, the water innovation accelerator, provides entrepreneurs with the resources, insight and visibility to launch and scale water solutions. By partnering with industry and policy experts and a global network of customers and investors, Imagine H2O has become a proven path-to-market for emerging water technology businesses. Participants benefit from access to mentorship, industry exposure, customer and investor connections and strategy, marketing and sales support. Since 2009, Imagine H2O's accelerator has helped over 90 innovative companies win customers and receive more than \$1 in every \$10 of early stage investment in the water sector. Learn more at www.imagineh2o.org.

#### PROGRAM PARTNERS





**PureTerra Ventures** is a private equity firm focused on investing in disruptive water technologies with a positive social impact. Dutch-managed and based out of Shanghai, China, our fund combines strong entrepreneurial experience, a proven track record in driving sales and distribution in China and a vast network in the Chinese water technology market to create a unique value proposition for our investors and portfolio companies alike. www.pureterra.com

**Isle Utilities** is an independent technology and innovation consultancy that brings together technical and commercial specialists to match water technologies with utilities and advice. Isle has a strong track record in identifying emerging technologies and accelerating their market uptake.

Isle's Technology Approval Group (TAG) is a global innovation forum of which over 140+ world's leading water utilities are a member. The TAG model was first launched in the UK in 2005, and over the years it has gone from strength to strength.

Isle is a global team of over 50 scientists, engineers, business and regulatory experts, with a common drive to make a positive social, economic, and environmental impact through the advancement of innovative technologies and related practices. www.isleutilities.com

#### **POWERED BY**



#### KNOWLEDGE PARTNERS























#### PARTICIPATING COMPANIES



































