



# 2019 TAIWAN INTERNATIONAL WATER WEEK

Discovering the  
total solutions  
in water !

**9.26 - 28**

Taipei World Trade Center  
Exhibition Hall 1



Facebook



Website

# *Show Preview*

 TAIWAN INT'L WATER WEEK



Welcome Remarks

**Explore Smart Water Solutions Under One Roof**

Dear Visitor,

On behalf of the Taiwan External Trade Development Council (TAITRA), I wish to extend my warmest welcome to you. I'm very grateful to you for taking time off from your busy schedule to attend the first edition of Taiwan International Water Week (TIWW 2019).

Based on the theme of reclaimed water treatment, I'm very proud to present you with TIWW 2019, a trade show showcasing a comprehensive array of products, services, and the latest smart technologies of the entire water value chain. The platform offers top government officials, industry leaders, water professionals, and enterprises to converge and establish business and networking opportunities under one roof.

In 2017, the ROC government began the Forward-Looking Infrastructure Development Program, investing US\$8.3 billion over eight years in water projects in Taiwan.

Being Taiwan's one and only water trade show, you'll be able to source total water solutions. The highlights of the first edition of TIWW include:

- Smart water solutions
- Advanced wastewater treatment technology
- Renewable water resources
- An international forum organized by the Water Resources Agency, Ministry of Economic Affairs

Aside from the initiatives, several events, including government contractor procurement meetings, one-on-one matchmaking business meetings, seminars and hot product launches, will be held during the show. In addition, two other shows, the Circular Economy Taiwan and the Taiwan Innotech Expo, will take place in parallel to TIWW at the same venue, to attract more participants and gain business opportunities.

I wish you a most fruitful stay with TIWW in Taiwan. Let's envision the future of a promising global water industry.

Sincerely yours,



Emilia Shih  
 Executive Director, Exhibition Department  
 Taiwan External Trade Development Council (TAITRA)

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## About TIWW 2019

### Exhibit Areas

- 💧 Reclaimed Water & Treatment
- 💧 Transport & Storage
- 💧 Green Infrastructure
- 💧 Water Purification Equipment & Drinking Water
- 💧 Process Control Technology & Process Automation
- 💧 Public Sector & Related Service

### Show Dates and Hours

September 26 - 27 (Thur / Fri) 9:30 - 17:30  
 September 28 (Sat) 9:30 - 17:00

### Venue

Taipei World Trade Center (TWTC) Exhibition Hall 1  
 (5, Hsin-Yi Road, Section 5, Taipei, Taiwan)

### Incentives Program for International Buyers

- TAITRA offers an incentives program for qualified international buyers. For details, please check <http://www.taiwantrade.com/mp/Taitra-Office> to contact your nearest TAITRA office.

### Register Now and Receive

- ✓ Free entry badge
- ✓ Free official directory
- ✓ Constant Updates on TIWW 2019
- ✓ Welcome Gift (Supplies are limited)



For registration, visitors may click "Visitor Registration" on the official website. Go to the pre-registration desk to exchange admission badges with two business cards upon arrival at the exhibition hall.

\*Children under 12 years of age not admitted to the showground.



## Why Participate?

### ✓ Head-start show of the latest exhibits

TIWW exhibits everything from water treatment equipment, pumps, valves, tubes, watches, filters, water hardware to water purification equipment and management technology in a hope to create the best international procurement platform.

### ✓ Themed on Reclaimed Water Treatment

TIWW showcases a comprehensive range of latest state-of-the-art innovative technologies, products, and services of the entire water supply chain. It features the reclaimed water treatment in the area of used water and wastewater management.

### ✓ Foster Collaboration through Workshops

Hot product technical launch sessions will offer event participants insights on emerging research, technologies and practices which are key to smart water management in sustainable water systems.

### ✓ Uncover Business Opportunities

TAITRA will host one-on-one procurement meetings and the Government Procurement Meeting of Water Resources to promote substantial business opportunities.

### ✓ In Conjunction with Water for the Future Summit

A specialized forum is organized by the Water Resources Agency, MOEA, the one and only national water agency in Taiwan. An exclusive gathering which provides the latest policy, business and technological insights will share on how water management develops circular economy, water reuse, and smart water technologies.



"Like" and "Share" TIWW Facebook Fan Page





## “Water for the Future” Summit & Expo 2019

The Water Resource Agency (WRA) will hold the "Water for the Future Summit & Expo 2019" during September 26 to 28. The Water for the Future Expo has three themes: "Smart Water Management", "Advanced Water Treatment" and "Water in Our Life". In the Expo, the water industries in Taiwan will team up and show their total solution for water resource management.

There are 30 specialist forums, consisted of Water Leaders Summit, Keynote Speeches of TIWW forum, the 24<sup>th</sup> Hydraulic Engineering Conference, Taiwan Water Projects Conference, and a series of water workshops collaborated with Taipei City Government, Taipei Water Department, Commerce Development Research Institute (CDRI), National Taiwan University (NTU), XCreative Consulting Inc., Chung Yuan Christian University, Sinotech Engineering Consultants Inc., AECOM, Industrial Technology Research Institute (ITRI), Taiwan Water Environment Association (TWEA) and the Netherlands Trade and Investment Office (NTIO).

### The schedule of the individual events is listed below:

1. Water Leaders Summit (Sep. 27 morning)
2. Keynote Speeches of TIWW forum (Sep. 27 afternoon)
3. "The 24<sup>th</sup> Hydraulic Engineering Conference" and "Taiwan Water Projects Conference" (Sep. 26-27)
4. Water workshops of four technical themes (Sep. 26-28):
  - (1) Smart Water Management: "Water Management in Smart City: Innovation and Implementation" and "Torrential Rain and Flooding Management"
  - (2) Advanced Water Treatment: "Water Treatment and Circulation in New Era", "The Recent Innovation of Resource Recovery from Wastewater", "Opportunities and Challenges of Advanced Water Treatment Industrial of Taiwan in ASEAN Countries" and "Total Solutions for Sustainable Water Use in Industry"
  - (3) Water in Our Life: "The Innovation on Water Networks" and "Water- Human Mutualism"
  - (4) Innovative Business Models: SDGs and Enterprise Development
5. Business Matching of three fields (Sep. 26-28): "Innovative Water Business Based on New Technologies", "Wonderful Life, Wonderful Water" and "Sponge City and Rainwater Harvesting in the Buildings"

## Programme

	Thursday 26 September	Friday 27 September	Saturday 28 September	
<b>Water for the Future Summit(Venue: TICC, 2F)</b>				
<b>09:00   12:00</b>	<b>FORUM 1-</b> Taiwan Water Projects Conference (4 sessions)	<b>WATER LEADERS SUMMIT: Water for the Future</b>	<b>TECHNICAL 3-</b> Water in Our Life (1 sessions)	
	<b>TECHNICAL 1-</b> Advanced Water Treatment (1 sessions)		<b>BUSINESS MATCHING-</b> Water Life, Wonderful Water	
	<b>TECHNICAL 4-</b> Innovative Business Models (1 sessions)	<b>FORUM-</b> The 24th Hydraulic Engineering Conference (4 sessions)	<b>BUSINESS MATCHING-</b> Sponge City and Rainwater Harvesting in the Buildings	
<b>14:00   17:00</b>	<b>FORUM 2-</b> The 24th Hydraulic Engineering Conference (4 sessions)	<b>Keynote Speech: Water for Safety 14:30</b>		
	<b>TECHNICAL 1-</b> Advanced Water Treatment (1 sessions)	<b>FORUM-</b> Taiwan Water Projects Conference (2sessions)		
	<b>BUSINESS MATCHING-</b> Innovative Water Business Based on New Technologies	<b>TECHNICAL 1-</b> Advanced Water Treatment (2 sessions)		
		<b>TECHNICAL 2-</b> Smart Water Management (2 sessions)		
		<b>TECHNICAL 3-</b> Water in Our Life (1 sessions)		
		<b>BUSINESS MATCHING-</b> Water Reclamation Facilities and Services in Taiwan : A Outlook		
<b>Water for the Future Expo(Venue: TWTC, Hall1)</b>				
	<b>OPENING CEREMONY</b> of Water Theme Pavilion and the Expo Tour 10:00- 12:00	<b>GALA DINNER (Invitation Only)</b> 17:30	<b>SITE TOURS (Invitation Only)</b> 09:00-17:00	

\* Subject to change without notice.





## Process Control Technology & Fluid Automation

### ATLAS TECHNOLOGY CORP.

Booth No. A0327

[www.atlasgroup.com.tw](http://www.atlasgroup.com.tw)

#### Company Profile

ATLAS Technology Corp. focuses on on-line total solution supporting applications for Waste Water Monitoring System, Recycle water, Boiler water, Purity water, Ultra High Purity water, etc., including international well-known brands such as AppliTek/ Hach, DECKMA, LAR, Dr.Thiedig, TAI, PPM, TETHYS, Thermo, SEIBOLD, etc.

We have been providing technical service support for almost 40 years.

#### Product Description

##### Wastewater Monitor Solution

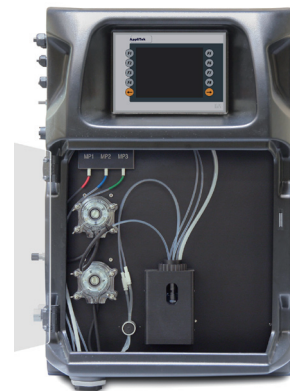
- Measurements of water volume, water quality, temperature, hydrogen ion concentration index, conductivity, COD & SS, along with video recording facilities

##### Ultrapure Water Monitor Solution

- Including turbid meter, conductivity meter, silica, pH, TOC..., etc.

##### Heavy Metals Measurements in Water

- Measuring parameters including Aluminium, Biocides, Boron, Chlorine(total and free), Chromium(total and free), Copper, Cyanide, Hardness, Iron, Manganese, Nickel, Nitrate, Permanganate, Phenol, Phosphate, Silica, Sulphate, Thiocyanate, Urea, Zinc.



### C-BLUE CO., LTD.

Booth No. A0235

[www.cblue.com.tw](http://www.cblue.com.tw)

#### Company Profile

Established in 1986. Our main products are electronics and electrical equipment, etc.

Today we exhibit Water Valve Series (Design for Drink Water Equipments), Micom Liquid Feeder, Dosing Pump.

#### Product Description

##### Water Valve for RO machine

- This type is designed for drinking fountains, instant boilers etc. For assuring water quality, we insist all the materials for water path must fit in with foodstuff industry standard.
- This water valve with housing made of NSF certified plastic material can apply for NSF certification.
- The material of housing is made of NSF certified plastic material.
- Large flow: 3.5L/min/(1kg/cm<sup>2</sup>) ~8.5L/min/(8Kg/cm<sup>2</sup>).
- Excellent low heating-rise.

##### Micom Liquid Feeder

- Conveying various fluids, used in food, chemical, pharmaceutical, biomedicine, and other industries.
- Micro-computer single-chip controlled, simply operate.
- Unique mirco-adjusting device on dosage can reach 0.1ml.
- Bright LED display, easily visible.

Johnlen



Johnlen



Johnlen



### G-STAR INDUSTRIAL CO., LTD.

Booth No. A0236

[www.gstar-1.com.tw](http://www.gstar-1.com.tw)

#### Company Profile

G-STAR Industrial Co., Ltd. was established in 2001. The main business items are mask production equipment, venting machine, dispensing equipment, customized machine and customer OEM. Over the years, the company has deepened its experimental improvement and innovation, responding to the needs of customers and the international market, and providing more prompt and reliable after-sales service.

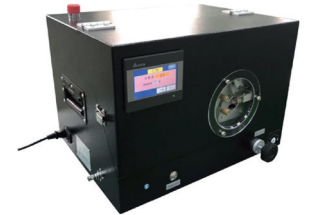
#### Product Description

##### Automatic PTFE Tape Wrapping Machine

- It is applied to high-density PTFE stop tape, man-machine interface, easy to operate, and can adjust the winding speed and the number of winding turns according to the requirements, so that the stagnation belt is completely tightly wrapped in the socket to achieve better airtight leakage prevention effect.

##### Screw precoater

- PLC man-machine interface, easy to operate, free to adjust the pre-coating range, the amount of glue is accurate and rapid, which can effectively save costs.



### LEADTEC ELECTRONICS TECHNOLOGY CO., LTD.

Booth No. A0323

<https://leadtec-world.com/>

#### Company Profile

Leadtec company was founded in 1997. We not only focus on PCB&SMD career but also design and manufacture the water quality monitoring instruments, and established the water quality monitoring company in 2014. Leadtec provide only high quality product to our customers at home and abroad, moreover, we accept customized products so can satisfied the all client's unique require with the reasonable cost.

#### Product Description

##### Controller

- LEADTEC provide high quality professional controller which made from ours factory ex: PH/ORP, DO, EC, ION, FCL, Turbidity, SS. The controller includes 3 relays and 2 currents output, RS485 communication, multi-language even double or multi parameter function. And of course offer suitable sensor for you to choice.

##### Four-pole EC sensor

- The four-pole EC sensor gets a better performance in stable and expired date than another two-pole EC sensor. Moreover, it is not easy to polarization and won't be limited by cable length, so it is the most popular sensor in ours product.





## Reclaimed Water & Treatment

### HYDRON INNOVATION INC.

Booth No. A0535

[www.hydron-inno.com.tw](http://www.hydron-inno.com.tw)

#### Company Profile

Hydron innovation Inc., an innovative equipment provider, dedicated itself to developing and manufacturing of systems for environmental protection. The team had an expertise and experience of more than 10 years in Hydrogen energy, including synthesis of catalysts at nanometer scale, design and make of fuel cells and hydrogen generators, and system integration of energy storage. The primary goal of the company is to extend applications for industrial to general purpose use. Water treatment and air purification are the two main categories in our current product roadmap.

By combining electrochemistry and photo-catalysis, Hydron is introducing a new concept and technology in water treatment. Recalcitrant organic chemicals and toxic drugs can be degraded and mineralized in place without adding chemicals and producing sludge. The treated water can meet the stringent requirement of effluent all over the world. Furthermore, water can be recycled and reused at a reasonable cost.

Not just technology innovation, elevating quality of life is the ultimate goal of the company. Hydron is pleased to share its experiences, and work with all companies in reaching the goal.



### MICROTECK CORP.

Booth No. A0735

[www.e-filtration.com](http://www.e-filtration.com)

#### Company Profile

Microteck Corp. is specialized in develop & research of liquid filtration industry, focus on filter cartridges, filter bags and filter products. Microteck is committed to providing top quality and stable product to customer for many years, also built and developed an integral service for customer in Taiwan.

#### Product Description

##### 7000 series High Flow Filter Cartridges

- Up to 99% absolute rate efficiency of 7000 series filter cartridges, easy to change-out, it has 18kg holding capacity, could replace 100 pcs of normal filter cartridges, the micron rating is from 0.5um to 100 um, which is applicable for various industry of water filtration systems.

##### MBP Melt Blown Oil Holding Filter Bags

- MBP series filter bag is made from 100% Polypropylene melt blown micro fiber, with extreme absorption area and excellent performance of oil. It can withstand solvent liquid, has high chemical resistance and holding capacity which can absorb unwanted oil and particles.



### MOLYKEM CHEMICAL CORP.

Booth No. A0436

<https://www.waterpurifiersupplier.com/tw/>

#### Company Profile

Being founded in 1986, Molykem is an ISO 9001-certified professional water treatment company with expertise and technologies. Ever since the first day of our business, "Customer First, Service Oriented" and "Permanent Running, Never Ending Progress" have always been our slogans. Under the quality policy of "Effective, Economic, Considerate, and Progressing" with an integrated customer service, we have been improving our quality and providing products and service which can meet the requirements of our customers.

#### Product Description

##### Fiber filter

- Fiber filter uses fiber bundles as its filtering material, which is suspended with specific density in the filter. These fiber bundles can be formed into a loose and easily-washed deep-bed-filtration material. In the filter, a density adjustment device is designed to change the fiber density by the hydraulic power of inlet water, so the fiber bundle will become denser as the water passes through, and consequently helps achieve excellent filtration accuracy.
- During the cleaning process, fiber bundles will be released by the hydraulic power and then scrubbed by the air-water in order to obtain complete regeneration. This kind of regenerating process can avoid the shortcomings such as un-uniform washing and the damage of filtering material caused by mechanical stirring.



### SBEF CO., LTD.

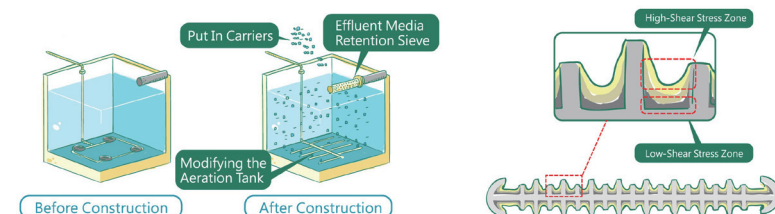
Booth No. A0540

[www.sbef.com.tw](http://www.sbef.com.tw)

#### Company Profile

SBEF, named from the idea of "Simple But Effective," has determined to provide clients with a simpler but more efficient wastewater treatment system. Our core members are professional teams with years of experience in the whole process of the wastewater treatment system, including design, plan drawing, construction, and test running. We have extensive experience in the design planning and construction regarding organic, ammonia nitrogen, sawing and grinding, fluorine, arsenic, and heavy metal wastewater.

SBEF currently owns two invention patents for MBBR, one is for MBBR carriers, and the other one is for the MBBR application in recirculating aquaculture. MBBR is an innovative water treatment technology with high efficiency and space-saving capabilities, and it has been widely applied to dealing with industrial organic wastewater, domestic sewage, ammonia-nitrogen wastewater, and recirculating aquaculture system in the whole world. SBEF's goal is to positively develop MBBR, making this technology with enormous potential to be more mature and reliable in the future. If you are interested, please contact us, and we will offer detailed consultation for you. Cooperation proposals from industry peers are also sincerely welcomed.







**ZIG SHENG INDUSTRIAL CO., LTD.**

Booth No. A0636

[www.zigsheng.com](http://www.zigsheng.com)

**Company Profile**

Established in August 1969; Paid in capital US\$191,000,000; Employee > 1,300; Leading global supplier of PA6; Setup Innovation R&D Center in 2004; Started Hollow Fiber Membrane R&D in 2008; GRS (Global Recycled Standard) v3.0 certified in 2015; Setup Hollow Fiber Membrane factory in Nov. 2016; 2018/2/1 Passed NSF 42 certified; Zig Sheng Industrial Co., Ltd. 50th anniversary in 2019.

**Product Description**

**Membrane for Household Water Filter**

- Household water filter: Flexible to combine with AC, and Resin as a complete POI, POU filtration system. Low power consumption, High flux, Good efficiency, Remove bacteria, Remain minerals.
- Portable water filter: No power, No chemicals, Compact size, Removing bacteria.
- Commercial water filter: Built-in backwash system can extend filter operation time. Not adsorption, no break through problem, can be applicable for cold beverage and ice machine water.

**Continuous Membrane Filter for Industrial Waste**

- Continuous Membrane Filter (CMF): High filtration efficiency, Small foot print, Good filtrate quality, Long online time. Can replace sand filter for potable water, bottle water, beverage, recycle water, and aquaculture water application.



**Transport & Storage**

**AJEI INTERNATIONAL CO., LTD.**

Booth No. A0424

[www.ajei.org.tw](http://www.ajei.org.tw)

**Company Profile**

AJEI International Co., Ltd. is specialized in stainless steel and special material stock and trading. To meet the demands of customers, AJEI International Co., Ltd. Imports top quality materials, such as duplex stainless steels, super austenitic stainless steel, Nickel Alloys and a variety of special alloys (Super Alloys) from Europe, the United States and Japan. Over the years, we've been the most professional and dependable business partner for customers; also accumulating good reputation and trust of customers. We also can provide professional suggestions to our customer.

**Product Description**

**Duplex stainless steel SMSL pipe**

- AJEI stocks lots of duplex (S32205) and super duplex (S32750) pipes. Size is from 0.5" to 12". We can provide cut to length pipes. All pipes are from European, USA, and Japan.
- Duplex stainless steel combines the advantages of ferrite and austenite. It has good corrosion resistance, low thermal expansion, high strength, and high resistance to stress corrosion.
- Duplex stainless steel is always applied in sea water, water treatment, seawater desalination, marine and wind power generation because of its excellent corrosion resistance.



**GOLDBAY INDUSTRIES INC.**

Booth No. A0429

**Company Profile**

Goldbay Industries, Inc. was founded in 1983 located in Taipei Taiwan, exported pipe fittings and plumbing products at OEM basis. In 1998, Goldbay moved its office to a new location in Jhubei City with a new factory in nearby township Pei-pu for metal parts machining and assembly, especially stainless steel, cast iron and aluminum parts for water way usage. We have been focusing in pump parts and water well accessories for the past 2 decades. Also we are expanding our product line to various aspects such as washdown spray nozzles. Today, Goldbay has the commitment of high-quality, reasonable price and good delivery to ensure customer satisfaction.

**Product Description**

**Stainless Spray Nozzle and Accessories**

- One-piece plunger spike can resist high water pressure. Straight jet or wide fan spray pattern is simply controlled by trigger. 1/2" swivel inlet for easy installation.
- Oil-resistant rubber cover with Special designed non-slip rubber handle. Lock clip for force saving during long operation on jet water pattern.
- For hot water, cold water or hot & cold mixed water use in dairies, food and meat processing factories, breweries and abattoirs, etc.



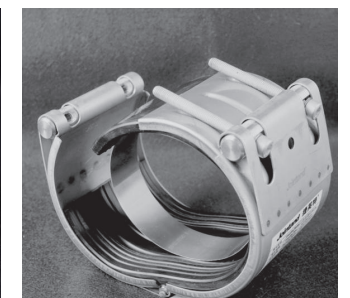
**HE CHENG DEVELOPMENT TECHNOLOGY CO.**

Booth No. A0423

**Product Description**

**GL type Couplings for Pipe / HG type Couplings for Pipe / R FLEX type Couplings for Pipe**

- Quick and simply repairs to existing pipe lines
- Different diameter pipes
- No fire device, no welding equipment.
- Applicable of all pipe materials
- Suitable for joining the misaligned and different diameter pipes
- Suitable for pressure Max 50kg
- Space-Saving & Easy handing
- Low weight





## Water for the Future - Water Industry Pavilion

Organized by the Water Resource Agency (WRA), the pavilion is with the topic "Water for the Future", including three themes: "Smart Water Management", "Advanced Water Treatment" and "Water in Our Life".

### Smart Water Management

Booth No. A0203

#### ENERGY MANAGEMENT SYSTEM CO., LTD.

[www.ems.com.tw](http://www.ems.com.tw)

##### Company Profile

Energy Management System Co., Ltd. (EMS) founded in 1991, over 20 years of professional experiences in developing/manufacturing smart digital water meter (Bulk/ Domestic Smart Meters), also provide comprehensive water metering & data transmission solution, EMS represented the leading developer and manufacturer in Taiwan. We dedicate ourselves in fields of smart digital water meter, meter reading interface, automatic meter reading system (AMR), DMA, NRW and etc. With dual type approvals, including TAF flow meter testing & calibration laboratory, EMS provides the cutting-edge metering technology for our customers continuously. We sincerely welcome you to visit us for more information!

##### Product Description

###### Smart Water Meter

- Showing leakage symbol and days to remind consumers of the possibility of leakage.
- Smart water meters functions, including forward/reverse flow, and daily/weekly/monthly consumption logs.
- Achieve AMR and remote data monitoring by means of IoT technology so as to build water network management platform.



#### GREEN ENVIRONMENTAL ENGINEERING CONSULTANT CO. LTD.

<http://125.227.178.168/>

##### Company Profile

Green Environmental Engineering Consultant Co. LTD (GEEC) spun off from Industrial Technology Research Institute in 2013. GEEC specializes in the application of multi-sensor monitoring system including InSAR, GPS, Leveling and Multi-layer compaction monitoring well in monitoring land deformation and deformation mechanism.

##### Product Description

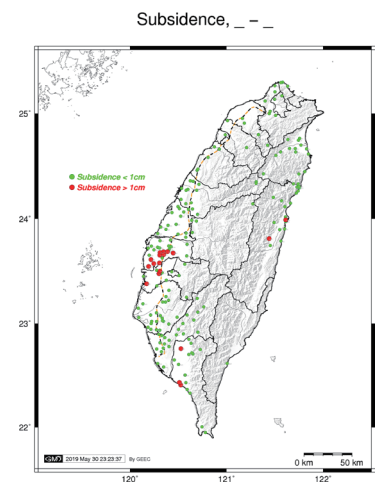
###### Cloud GPS early warning system for surface deformation

- The system is established on the Amazon Web Services (AWS). Cloud storage, cloud computing and analysis are utilized fully for the highly automatic procedure of GPS measurements imported, data processing and deformation analysis. The final graphic results are also announced automatically to the Internet for the purpose of early warning. The advantages of cloud application are fully introduced into the system for being applied on the large-scale surveillance. Lastly, not only minimizing the human factors, but the cloud based system also brings the technology of monitoring engineering to the new stage. NB-IoT/LoRa/Van wireless datalogger

##### More Product Description...

###### Cloud Internet of Things Monitoring System - Senslink

- Real-Time Map Monitoring and Map-Geographic Information Areas Display
- Board-Kanban of Real-Time Monitoring
- Recording Events and Data Record Query
- Alarm Release and Callout-Proactive Reminder
- Mesh-Sharing Among Organizations



#### JUMPANNY ENTERPRISE CO., LTD.

Booth No. A0325

<http://jumpanny.com>

##### Company Profile

JUMPANNY is professional in manufacturing thermoplastic pipe, fittings and valves. Our product line as below: Valve system: True Union Ball Valve, Lever (Gear) Butterfly Valve, Union, (Spring/Ball) Check Valve, Foot Valve, Stub/Van Stone Flange, Gasket, Pneumatic Actuator Valve, Electric Acuator Valve, etc.

Pipe System: Clear PVC, UPVC SCH80, CPVC SCH80, CLEAN-PVC, HT-PVC, PP, PVC-U DN10/DN16, ASTM 2846, SDR13.5/SDR11...etc.

Fittings: Coupling, 45/90 Elbow, Equal Tee, Red. Tee, Red. bushes, Red. Coupling, Male Adapter, Female Adapter.

##### Product Description

###### Pneumatic/Electric Valve

- Chemical resistance.
- Smooth opening & closing thanks to a lower torque
- Easy to installation and long use life.

###### Clear PVC Y Strainer

Y strainers protect piping system components from damage caused by dirt or debris in the process media.

- Easy clean out.
- Adaptable design (horizontal and vertical installations, simplifying piping installations.)
- Chemical resistance.



#### MING KUAN MACHINERY MANUFACTURING ENTERPRISE

Booth No. A0524

##### Company Profile

MING KUAN Machinery Manufacturing Enterprise Co., LTD. found in 1966 which has more than 50 years of manufacturing experience of special type valve. MING KUAN not only export to Southeast Asia region but also to developed countries like the United States, Germany, Japan and etc. MING KUAN has large-scale of hydraulic testing equipment, air valve testing equipment and flexible pipe testing equipment for test and research purposes for various types of valves. The valves needs to pass strict in-house quality control before shipment, and MING KUAN have been awarded as one of the best manufacturers by government agencies.

##### Product Description

###### Ball Control Valve

- MK Ball Control Valve adopted double eccentric, floating dual seats, unique taper pin key connection design. Its excellent performance is commonly used at the pump control, flow control, high pressure difference discharge and cut-off functions. Its nearly full-bore design provides minor water loss which provides energy saving for the clients. Under high pressure difference flow control, its excellent stability, anti-cavitation and unique flow curve is suitable for high demanded working condition.
- The ball seat is driven by actuator to perform opened, closed or regulated. The double eccentric of ball seat design provide small opening/closing torque and easy to operate. In fully open position, the valve's straight flow bore could carry low flow resistance coefficient in order to provide energy saving.







## Advanced Water Treatment

Exhibitors are National Taiwan University (NTU), Chung Yuan Christian University, Sinotech Engineering Consultants Inc., Taiwan Water Environment Association (TWEA), etc.

### Product Description

#### Capacitive Softening System

Capacitive deionization (CDI) technology, an emerging electro-chemical water treatment technology for facile removal of charged ionic species from aqueous solution. Technology advantages including low energy usage, high water recovery, reduction in the use of chemicals, environmental friendly, and concentrate reuse possible

- Customizable system sizing to reach client needs
- Conductivity reduction ( $\Delta EC$ ), up to  $600 \mu S/cm$  in single device
- Volumetric flowrate of each cell: 1000 mL/min
- High water recovery, 85-95%
- Remote monitoring available
- Low energy input, lower than  $0.3 kWh/m^3$
- High TDS reduction, up to 95%
- Dynamic controlled output water quality



#### Kaohsiung Nanzhi Sewerage System

- Investment: 5.2 billion NDT
- Period: 35 years (including construction and operation)
- Capacity: 75,000 CMD
- Pipe length: 125 km
- Connection: 33,500 households
- Characteristics:
  - Laboratory EPA Certification
  - ISO50001 Certification
  - 100% Achievement of pipe and household interior investigation and maintenance



#### Improved Nitrogen removal process in WWTP of science park

The biological process was modified in the WWTP of Hsinchu and Tainan Science Park which followed the newly regulation on ammonia emission and it is efficiently operated by the AX GROUP. The water quality of the effluent of the WWTP is far below the national effluent standard and commitment of environmental impact statements.

- The ammonia and total nitrogen removal efficiency can reach above 97% and 60% by well AO+MBR operation with a capacity of 55,000 CMD in Hsinchu Science Park WWTP.
- Ammonia removal efficiency can reach above 85% by biological carrier/Bio-code in nitrification process with a capacity of 90,000 CMD in Tainan Science Park WWTP



## Water in Our Life

### SETTWAY ENERGY TECHNOLOGY CORP.

[solar.settway.com](http://solar.settway.com)

#### Company Profile

Settway has 50 years of experience in manufacturing lighting ballasts and power supplies. Settway has been designing high-standard optical solutions for demanding lighting applications since year 2006. Settway proudly launched solar PV systems and production from 2014, in expanding business category as well as enhancing customer service. Solar energy system facilitating healthy drinking water supply is honorably implemented by branch office Settway Asia in Cambodia from year 2018. Settway excels in providing customized service with product development and design capability as well as manufacturing plant operations. Today, Settway continues R&D work over innovative, prospective applications of renewable green products, inspired by solar energy like resources featured low pollution, accessibility and inexhaustibility.

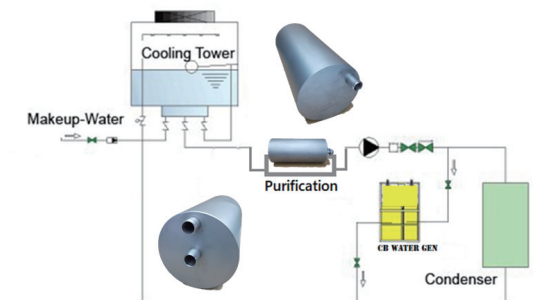
#### Product Description

##### Gravity Water Purification System

- Gravity force in purifying process of surface water such as rivers, lakes, and streams ...; effectively removing a large portion of contaminants from the water.
- Permeate flow increasing is proportional to water level pressure, outputs higher water supply.
- Long lasting filtering performance, easy cleaning and low maintenance need, infrequent filters replacement required.

##### Solar Energy Pumping System

- PV high kWh/kW efficiency series, flexible PV patterns adopt to field construction
- Automate pumping on/off control with protective circuit, minimizing manual intervention.
- Battery units backup during the absence of solar energy.





## Water Purification Equipment & Drinking Water

### TAIWAN YES DEEP OCEAN WATER CO., LTD.

[www.taiwanyes-dow.com.tw](http://www.taiwanyes-dow.com.tw)

#### Company Profile

Taiwan Yes Deep Ocean Water Company (Taiwan Yes), founded and invested by Taiwan Fertilizer Group in 2006, is engaged in the development and production of deep ocean water from 662 meters under the Pacific Ocean. With steep natural seabed of depth of over 1000 meters at less than 5 kilometers off the shore, the east coastline of Taiwan to the Pacific Ocean possesses unique topographic advantage and becomes one of the best sites for drawing deep ocean water.

Spending billions of dollars and importing the most advanced technology, electronic clean room and automatic equipment, Taiwan Yes establishes the largest deep ocean water factory of Asia at Hualien in Taiwan. Dedicated to related industries of deep ocean water development, Taiwan Yes aims to become the "Expert of Deep Ocean Water" which introduces health care effects of natural deep ocean minerals from the deep ocean to people around the world to take care of all human beings.

#### Product Description

##### Deep Ocean Minerals Concentrate

- The extraction and quality of deep ocean water are under the real-time water quality monitoring in 24-hour all-weather automatic operation. We apply high-tech facilities including Reverse Osmosis and low-temperature vacuum evaporation equipment to draw enriched minerals and trace elements in the deep ocean water and obtain precious and balanced NATURAL minerals.



##### Hai-Kuan I 400

- Hai-Kuan I 400, which is made of Deep Ocean Water, is the only water product with certification for blood fat regulation, beneficial to lowering total cholesterol in blood. It is certified as healthy food by the Ministry of Health and Welfare of Taiwan in 2015 and awarded by MONDE SELECTION(International Institute for Quality Selections) in the same year!



#### More Product Description...

##### Fluidized-Bed Fenton Reactor (FBR-Fenton)

FBR-Fenton is one innovative technology combined with Fluidized-Bed Crystallization (FBC) and Fenton technology. It has the advantages of high COD oxidation efficiency and low sludge generation. It is widely used in wastewater tertiary treatment in different industries.

- High organics removal efficiency,
- Low sludge generation
- Small footprint
- Low operation cost
- Potential in water reuse



### AURORA WATER TECHNOLOGY CO., LTD.

Booth No. A0704

<http://www.aurorawatertech.com>

#### Company Profile

Aurora Water Technology Co., Ltd. is a professional manufacture of UV Water Sterilizers in Taiwan. Stainless Steel 304 chambers and durable electronic ballasts are made in Taiwan and certified by CE and UL. Besides, the disinfection performance of SPECTRUM UV Sterilizers were tested and qualified by SGS. Our UV systems have an excellent reputation in the markets of USA and Europe. Aurora also supplies UV Filtration Systems for the whole house and premium RO Systems for more options.

#### Product Description

##### IGPM UV Water Sterilzier / 18GPM UV Water Sterilzier / 60GPM UV Water Sterilzier

- SUS304 Stainless Steel Chamber, Safe and Non Toxic, Fast and Simple Installation, Annual Lamp Replacement and Globally Applicable Ballasts 110V-220V 50/60Hz.



### BAIJEN ENTERPRISE CO., LTD.

Booth No. A0736

[www.baijen.com.tw](http://www.baijen.com.tw)

#### Company Profile

Founded in 1993, Baijen Enterprise Co. Ltd has over twenty years of expertise in the water filtration and purification field. Not only that we offer all kinds of OEM/ODM services, but we also develop high quality RO systems and water filter system that are perfectly fitted for Taiwanese consumers. Most water filter products sold in department stores are often lack in after- sales services, hence we have gradually expand our services to Taipei and Taoyuan , providing our consumers with the most comprehensive maintenance and after-sales service.

#### Product Description

##### BAIJEN BJ-888 ACF Type Water Purifier

- Compact build, only takes up space that is about the size of a keyboard, highly recommended to customers who have limited under-sink space
- SGS certified, efficiently removes sediments, chlorine taste & odor, sand, soil and rust throughout Stage I to 3. Stage 4 ACF filter removes any sediments larger than 0.5 micron, reduces heavy metals (eg. Lead, iron, copper), trihalomethane, 99.99% of virus and 99.999% of bacteria
- Quick-change filter cartridges system makes cartridge installation and replacement easy, clean and can be done in seconds.







**EONPLUS CO., LTD.** Booth No. A0624

<https://eonplus.biz/>  
**Company Profile**  
 EONplus is a company dedicated to adding energy or specific frequency to objects. By doing so, we can raise the energy of the human body and improve the quality of life. Water is our first phase since the human body is made up of 70% of water. The type of water you put in your body is critical to your health and frequency—either raising or lowering it. It is reported that water molecules, when in an ordered, energetic state, convey a coherent domain, acting in concert to convey information that will benefit the other cells. Our goal is to make people live in a happier, more positive, and, most important of all, healthier life.

**Product Description**  
**EONplus i-healthy Water Purifier**  
 Lan Shan LSRO-801 Touch Panel RO system with 5stage quick change cartridge, both countertop and under sink type could perfect to suit your home.

- The new types of RO water purifiers use advanced reverse osmosis technology which can remove harmful microorganisms, heavy metal, chlorine, and other soluble salts effectively.
- With IoT control cards, we can connect the water purifier to your phone via a network, so that you can monitor the operation and water quality anytime and anywhere.
- With EONplus i-healthy Water Purifier, you can have a FREE water purifier, FREE maintenance service, FREE filters exchange service, Free system upgrade!

**LAN SHAN ENTERPRISE CO.,LTD.** Booth No. A0710

[www.e-filtration.com](http://www.e-filtration.com)  
**Company Profile**  
 LAN SHAN Enterprise Co., Ltd. was founded in 1993 and we are one of the best RO system manufacturers in Taiwan. We have a very good reputation through 20 years manufacturing experience. We provide various reverse osmosis systems, water purifier, water fountain, commercial and industrial reverse osmosis equipment, RO parts and accessories(such as faucets, water filters and shower filter).

**Product Description**  
**LSRO-801 Touch Panel 5stage RO System**  
 Lan Shan LSRO-801 Touch Panel RO system with 5stage quick change cartridge, both countertop and under sink type could perfect to suit your home.

- Invisible faucet (Counter top)
- Water output button (Counter top)
- Touch Panel
- Auto detect leaking (beeping sound, water and electricity shut off)
- 24 hours water quality detect
- Auto notice filters replacing time and easy to set up
- Filter change button
- Auto Flush RO membrane



**LUS GROUP CORPORATION** Booth No. A0703

[www.e-filtration.com](http://www.e-filtration.com)  
**Company Profile**  
 We (Lus Group Corporation) have 30 years' experience exporting dehumidifier and mobile air conditioner to Europe and world market. We spent 12 years successfully found and produced (1) item no. L-40A Water Maker (Water Generator)(We get Potable Water from the Air!) with CE, EMC, CB certificate, which making 40 liter/day Potable Water: Bacteria free, Virus free; with Alkaline Water (PH7.0-7.9); with rich natural Minerals; Small molecularly of water are easily absorbed by human body. We Also created(2) item no. LUS-SET004 4 PCS. Water Filtration Set, which can filtrated Tap Water or even Dirty Water to be Potable Water (same water quality with Water Maker). The water quality is same as Water Maker. Our subsidiary company: Lu Group Corporation established in 2001 also exporting our products. We have several outstanding laboratories Water Quality Test Report proof our water quality!

**Product Description**  
**Water Maker (Water Generator)**

- Making 40 liter/day Potable Water! Automatically make water when consumption the water.
- Bacteria free, Virus free
- Alkaline Water (PH7.0-7.9) with rich natural Minerals.
- Small molecules of water are easily absorbed by human body.
- For any place without water, without water pipe. Good for Boat, Yacht, School, Office, providing good drinking water!



**NANOMETER ENERGY CO., LTD.** Booth No. A0708

<https://nano-meter.com.tw/about/show.php?id=1>  
**Company Profile**  
 The company was established in 2003 in Taiwan, which is a leading manufacturer of full line of water filtration system. Through the working experiences with companies in worldwide, we not only dedicate to tailor an array of custom products but also keep making efforts for clients' long-term prosperity. Our goal is to offer you with BEST QCDS ~Quality, Cost, Delivery & Service. We are looking forward to serve you.

**Product Description**  
**HYDROGEN WATER SYSTEM – HRW – M9**  
 Hydrogen molecules exist in the natural environment. The medical science has proved that Hydrogen is an endogenous anti-oxidants, it has excellent benefits in scavenging effect-tiveness of free radical. According to the academic report and the results of animal and cell experiments, Hydrogen Water may have medical efficacy to human.

- H2 content(ppb)----- 35ppb0
- ORP measurement(mV) ---- -491mV
- PH----- Alkaline





臺北國際  
水環境論壇  
2020 TIWEF

# Taipei International Water Environment Forum

2020  
Sept. 24-26  
TAIPEI, TAIWAN

Resilient Sustainable Vibrant



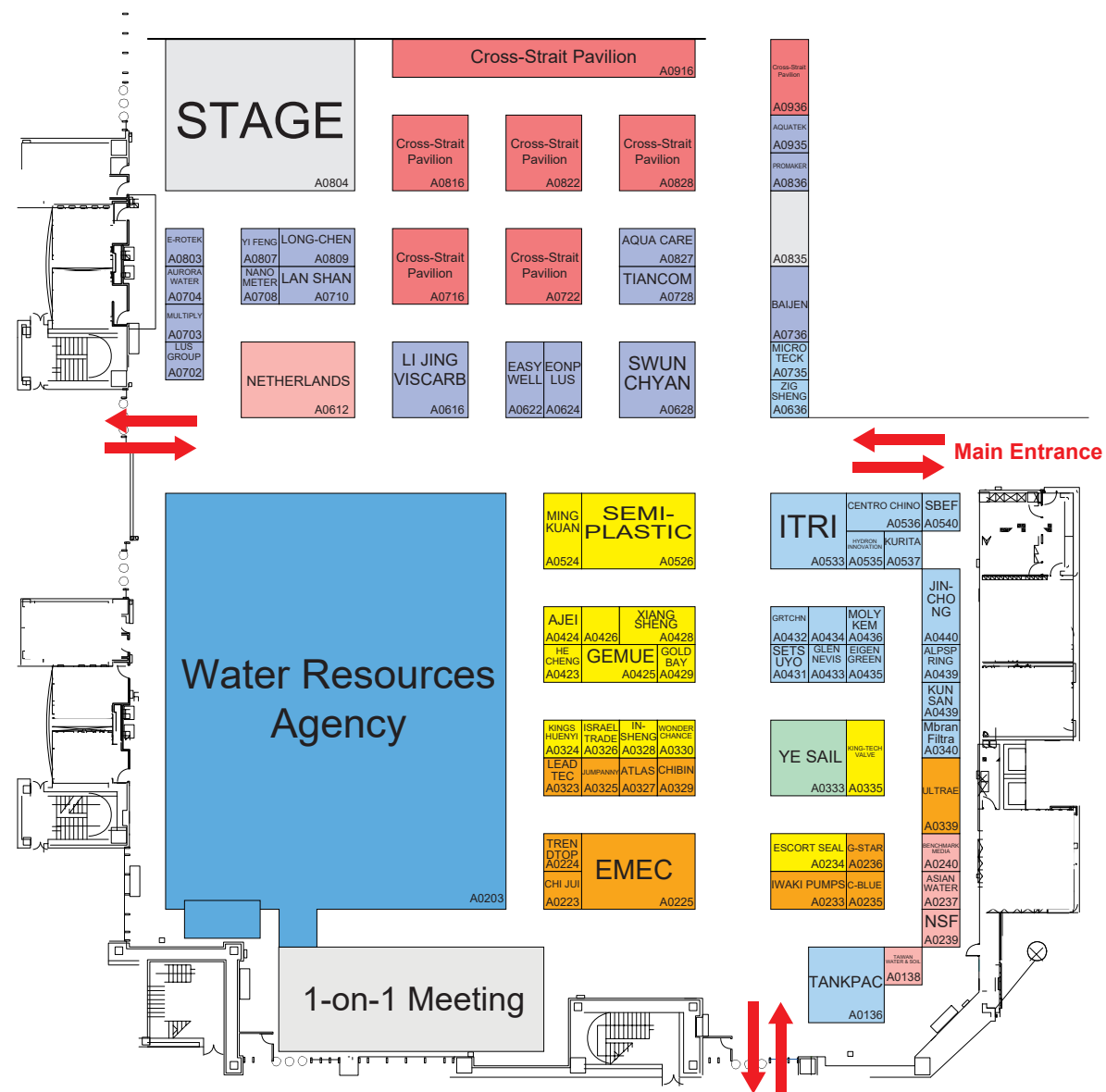
Adviser:  
TAIPEI CITY GOVERNMENT

Organizer:  
PUBLIC WORKS DEPARTMENT,  
TAIPEI CITY GOVERNMENT

Co-organizer:  
TAITRA  
Taiwan External Trade Development Council

## Floor Plan

- Green Infrastructure
- Process Control Technology & Process Automation
- Public Sector & Related Services
- Reclaimed Water & Treatment
- Transport & Storage
- Water Purification Equipment & Drinking Water



\* Updated on July 30, 2019. Information in this show preview is subject to change without further notice.



The logo features a solid blue background with two large, white, wavy shapes that resemble water waves, one above and one below the central text. On the right side, there is a dark blue, curved shape that partially overlaps the white waves.

**2019 TAIWAN  
INTERNATIONAL  
WATER WEEK**

[www.taiwanintlwaterweek.com](http://www.taiwanintlwaterweek.com)