

SUEZ ASIA

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SUEZ takes part in IE Expo China and Water Conservation & Innovation Exhibition

15-19 November 2022 · Shenzhen

The 23rd IE Expo China and 2022 China Hi-Tech Fair (CHTF) Water Conservation and Innovation Exhibition took place concurrently in Shenzhen. SUEZ, a global pioneer in the environmental services industry, was invited to join the events. IE Expo, Asia's leading environmental technology trade fair, is an effective platform for representatives and experts from over 800 environmental companies to have face-to-face exchanges and present cutting-edge technologies, products and solutions. The inaugural CHTF Water Conservation & Innovation Exhibition was the first national trade show of this kind aimed at promoting the dissemination of water-saving technologies and incubating commercialization opportunities in the water conservation space.

Water Conservation & Innovation Expo

SUEZ presented an overview of the Group and its core businesses to online audiences through a virtual company tour. The SUEZ booth at the expo highlighted how Macao Water, a SUEZ subsidiary, is leveraging the SUEZ portfolio of patented technologies and smart, innovative solutions such as smart non-revenue water management, smart water meters and dynamic hydraulic model, to promote urban water conservation and actively raise awareness of water conservation through outreach activities in alignment with the government policy to build a water-saving smart city. Sun Zhixiang, Deputy Governor of Guangdong Province, Zhang Hua, Vice Mayor of Shenzhen, Lu Xiaobo, Director of Zhuhai Water Affairs Bureau, as well as other government officials, visited SUEZ's booth.





IE Expo China

SUEZ showcased its latest innovations in water and waste management at the Expo and delivered more than 10 expert presentations at its booth, covering the operation and management of SUEZ's two hazardous waste treatment projects in SCIP and Suzhou Industrial Park, smart and environmental solutions, environmental quality testing and monitoring, industrial cleaning and catalyst replacement, landfill remediation, non-revenue water at water plants, network pressure and precision dosing system.



SUEZ participates in sustainable events

SUEZ participated in and contributed to many activities and events whereby we shared our sustainability concept and best practices, encouraged more proactive environmental actions across the society and industries. SUEZ strives to be an inspirational sustainability influencer to stakeholders in Asia.



China Pavilion event at COP27

SUEZ was represented on a panel discussion during an event for the China Pavilion on 11 November 2022. The theme of the event was 'Collective Effort from Enterprises for a Net Zero Future'. Discussions revolved around how the company strategy can integrate Sustainable Development Goals (SDGs) and dual carbon goals.

During the talks, Leo Zhou, Executive Vice President of SUEZ China, reaffirmed SUEZ's commitment to retaining a leadership role in sustainable development.

Franco-Chinese Month



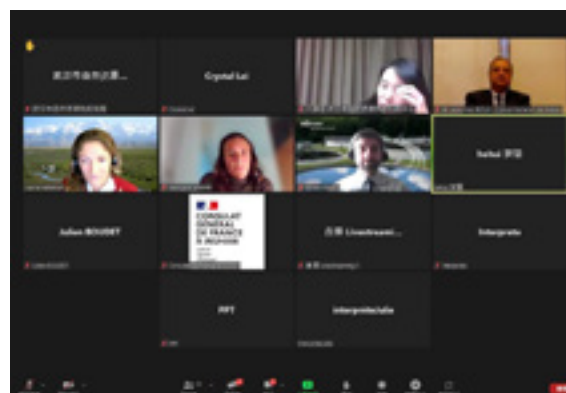
In Shanghai

Tony Wang, Regional Director of Water Operations, SUEZ China, introduced how SUEZ provides essential water and sewage treatment services for the operation of the Shanghai Chemical Industry Park to support the sustainability of industrial activities.



In Chengdu

Josh Zhou, Sustainable Development Director, SUEZ Asia, shared about the integration of climate change mitigation and nature conservation in SUEZ's development strategy in China as well as its role in promoting environmental awareness in youths so as to support the continuity of industrial activities in the Shanghai Chemical Industry Park.



In Wuhan

Olivier Pison, Chief Technical Officer, Smart Environmental Solutions, SUEZ Asia, highlighted on the technical strengths of SUEZ in supporting urban water management, including water cycle management, sponge city, network management, and artificial wetland.



SUEZ takes part in Green Economy Forum & Exhibition in Vietnam

SUEZ participated in the Green Economy Forum & Exhibition organized by the European Chamber of Commerce from 28 to 30 November 2022 in Ho Chi Minh City, Vietnam. During the event, SUEZ took part in the plenary session with Mr. Phạm Minh Chính, Prime Minister of Vietnam, together with members of the Vietnamese Government. Alongside other major multinational companies, Farchad Kaviani, Managing Director of SUEZ Southeast Asia, discussed the impact of climate change in Vietnam and how SUEZ had implemented integrated water and waste solutions to help the Shanghai Chemical Industry Park, one of the largest chemical industry parks in Asia, tackle the problem.



SUEZ takes part in Philwater Conference 2022



The 28th Philwater Conference, an annual international conference and exhibition hosted by the Philippine Water Works Association and themed 'Global Innovations and Solutions on Water and Sanitation', was attended by individuals and companies from both private and government sectors.

SUEZ International - Philippine Branch was one of the gold sponsors of the event. One of its experts was invited to be a resource speaker in the technical session to present the UCD modular drinking water treatment line and highlight the importance of access to safe and clean water in the Philippines. SUEZ also took this opportunity to enhance communication with its customers and partners.



SUEZ establishes its 5th environmental testing laboratory in Haikou



On 22 November 2022, SUEZ and its partner, Pujin Environmental Engineering (Hainan) Co., Ltd., established an environmental testing laboratory in Haikou, Hainan Province, based on a 51/49 equity structure. The Haikou laboratory, the fifth of SUEZ's environmental testing business in China, is a testament to the Group's commitment to further invest and grow its footprint in China and a concrete action in honoring its pledge of redoubling R&D investment as part of the Group's 2027 strategic plan.

The Haikou facility offers a range of services in Hainan, such as environmental monitoring, environmental impact assessment testing, environmental compliance monitoring for the completion of construction projects, watershed pollution monitoring, site survey soil testing, and indoor air quality testing.



As the earliest third-party testing institution engaged in environmental testing, such as polluted site investigation, assessment and acceptance, SUEZ EQM is a pioneer and leader of third-party environmental testing services in China. Our environmental testing laboratory inaugurated in Haikou can further complement the technological innovation capabilities and market competitiveness through synergies and resource sharing with SUEZ's business lines. SUEZ is in Haikou to better serve the major scientific research institutes, colleges and universities, government agencies, solid waste and hazardous waste disposal units as well as risk assessment and restoration companies, in a convenient, fast and professional manner, and will strive to make contribution with our partners towards building a national ecological civilization pilot zone in the Hainan Province. ■■



Francois Fevrier
CEO of SUEZ Asia

SUEZ wins equipment supply and technical service contracts



In Hangzhou

SUEZ signed a deal with China Construction Eighth Engineering Bureau to provide tertiary treatment equipment and technical services to the latter's Hangzhou Chengbei Water Purification Plant, in a move to ensure that effluent complies with discharge standards.

This is a key construction project to improve Zhejiang Province's water environment, as defined in the provincial strategy that is strongly supported by Hangzhou City Government. It is also the first project, following SUEZ's signing of the strategic partnership with China Construction Eighth Engineering Bureau, laying a strong foundation for mutual cooperation in the future.

In Changsha

SUEZ signed a contract with Hunan Zhongxia Water Technology Development to provide DensaCarb and Denifor V equipment as well as related technical services to Changsha Liuyang Economic Development Zone's Nanyuan Wastewater Treatment Plant. The main effluent comes from discharge from pharmaceutical companies and from municipal wastewater in the Zone. Through SUEZ's wastewater treatment equipment, the effluent is classified in the Surface Water IV category and can be discharged to nature, as a way of protecting the local environment.

SUEZ and Hunan Yuanyi Construction Group signed an equipment supply and erection contract, whereby SUEZ will provide a precise aeration system as well as a precision dosing system for Phase III of Changsha Kaifu Wastewater Treatment Plant's Upgrade and Expansion Project. With the two new systems, the user will save 7% in aeration power consumption, 7% in sodium acetate consumption and 7% in polyaluminium chloride consumption. This is an efficient way to improve operational performance and reduce environmental impact.



In Chengdu

SUEZ won an equipment supply and technical services contract in Chengdu for a project using its patented Thermylis® technology, which has been successfully applied in over 40 high-temperature fluidized bed sludge incineration plants worldwide. The technology is tailored to low-calorific value sludge in China. By using this technology, sludge can be disposed of in a safer way, and wet sludge volume can be drastically reduced. It can also recover heat from steam during sludge incineration, for reuse in the pre-drying system. This has the effect of helping customers reduce their carbon footprint and cut operational costs. The plant, which will have a daily treatment capacity of 800 tonnes upon completion, will become the largest single sludge incineration project in southwest China.



In Changzhou

SUEZ won an engineering equipment supply contract for the industrial wastewater plant and tail water wetland project in Changzhou, a prefecture-level city in Jiangsu Province. It has two treatment lines to treat industrial wastewater from the Jinke New Materials Industrial Park and municipal wastewater around the Park. The total treatment capacity is 20,000 m³/day. SUEZ will supply Oxyblue Ozone and Biofilter process equipment and related technical services to ensure that the effluent meets class IV standard of surface water quality. The project will improve the water environment in the surrounding areas as well as enhance competitiveness of the Park.



In Xi'an

SUEZ and Xi'an Chang'an Sound Water Co. Ltd. signed a contract to provide Densadeg® and Denifor U equipment as well as a chemical dosing system to the latter's No. 9 Wastewater Treatment Plant Phase I and Phase II Upgrade and Expansion Project, which has a designed capacity of 100,000 m³/day. Upon completion, the plant's effluent will comply with class IV standard for surface water quality, and will be suitable for discharge into the local river. This will help protect the local ecological environment as well as create a conducive living environment for the residents.

SUEZ's 20-year presence in Chongqing

A model of win-win partnership for foreign-invested companies in China's water market



RMB 4 billion

invested in Chongqing by SUEZ



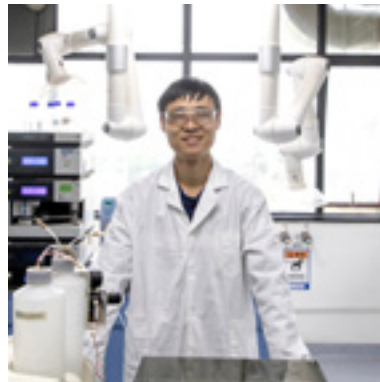
2+ million

population served



1.23 million m³/day

drinking water treatment capacity



Since 2002, SUEZ has established its partnership with Chongqing and has reaped significant achievements by expanding cooperation from a small-scale drinking water project to wastewater treatment and industry park environmental services. The partnership between SUEZ and Chongqing has become a model of win-win partnership for foreign invested companies in China's water market. Up till now, SUEZ has invested over RMB 4 billion in Chongqing, drastically improving the well-being of residents living in Chongqing and the Yangtze River Basin Region.

In 2002, SUEZ and Chongqing Water Group jointly established Chongqing Sino French Water, the first concession contract after China allowed foreign investment in water pipeline network. The joint venture has been providing safe, stable and high-quality water supply services to over 2 million residents as well as commercial and industrial clients of Jiangbei District, Yubei District and Liangjiang New District in Chongqing. The current water supply capacity of SUEZ's joint venture in Chongqing has been boosted to 1.23 million m³/day after the conclusion of three phases of the Yuelai WTP construction projects.

SUEZ also provides smart water services via AQUADVANCED® Water Plant solution and big data technology to improve water supply and network efficiency. The treated water quality is above the national standard and comparable to the EU standard. The joint venture is named the 'Most Socially Responsible Company', a benchmark in China's water industry.

SUEZ Water Treatment Company Limited renamed

Strategic adjustment to respond to needs of market and users

SUEZ Water Treatment Company Limited, the legal entity of SUEZ Treatment Infrastructure in China, was renamed **SUEZ Environmental Technology (Beijing) Company Limited** on 17 November 2022.

This strategic move aims to adapt to changes of the Group's new strategy and the market environment so as to achieve the Design & Build (DB)-led engine for SUEZ Asia's business development, as well as to establish SUEZ as an 'Industrial Water Excellence Center', 'Sludge Excellence Center' and 'Environmental Technology Innovation Center' from the technological perspective.



Historical evolution

Degrémont, the past that we are familiar with, was a resounding brand in the industry. The Degrémont Water Treatment Handbook, hailed as the 'Bible' of the water treatment industry, is also a household name in the industry. During the transformation of the Group in 2015, Degrémont, as a brand subordinate to SUEZ, was renamed SUEZ Water Treatment Infrastructure after integration. Now, to adapt to changes of the Group's strategy and the market environment, its legal entity has been renamed SUEZ Environmental Technology (Beijing) Company Limited.



Value proposition

We position ourselves as 'an excellent environmental service provider' in the market and take the 'stable and high-quality delivery' and 'full life-cycle competitiveness' as our core values to provide excellent and differentiated environmental services to the Chinese market and clients. Within the Group, we position ourselves as 'the DB-led engine for SUEZ Asia's business development', and endeavor to establish SUEZ as an 'Industrial Water Excellence Center', 'Sludge Excellence Center' and 'Environmental Technology Innovation Center' from the technological perspective.



Strategic positioning

Following the release of the Group's new strategy worldwide on 27 September 2022, the SUEZ TI team in China has also undergone relevant strategic adjustments, shifting from focusing on the water treatment business to developing water treatment and other related derivatives treatment business as well as restructuring its organization based on three business lines to track and address users' needs more closely.



Scientific innovation for future development

In the past five years, we have been authorized over 110 patents in the Chinese market, established a process validation laboratory in Beijing, and owned 20 pilot platforms to carry out tests and validation of technological innovation in complex municipal, industrial and sludge application scenarios. Through our innovation practices, we have demonstrated innovation capabilities.



'Critical Technology Development and Large-scale Application for Reducing Pollution and Increasing Efficiency of Wastewater Treatment in the Refining and Petrochemical Industries', the joint submission by SUEZ, China National Petroleum Corporation (CNPC) and China University of Petroleum (Beijing), won the second prize of the National Environmental Protection Science and Technology Award. This fully recognizes the project's role in driving the advancement of environmental science and technology and the cause of environmental protection in China. The Environmental Protection Science and Technology Award is a prestigious award in the field of environmental research in China set up by the National Office for Science and Technology Awards (NOSTA).

On 15 September 2022, during the International Water Association (IWA) Congress in Copenhagen, Macao Water, SUEZ's subsidiary, was recognized as the 'Most Inspiring Climate Smart Case' under the IWA's Climate Smart Utilities Initiative Recognition Program. SUEZ has been in Macao for almost four decades. It has provided solutions for drinking water production, distribution and customer services for the entire city of Macao, helping it preserve its water resources and reinforce its resilience.

Chongqing Tangjiatuo Wastewater Treatment Project and Shanghai Chemical Industry Park Water Project were shortlisted among the Climate Smart Utilities finalists.

Changshu Sino French Water's 'Zhi Shui Qin Chuan' high-quality development operation and management (O&M) platform was recently recognized as a reference case of smart water services in the comprehensive category by the Center of Science and Technology and Industrialization Development (CSTID), Ministry of Housing and Urban-Rural Development of China. The project stands out from 134 shortlisted cases for its replication and extension potential in water supply, drainage, wastewater treatment, water environment monitoring, integrated control platform and smart customer service, and is considered to have a strong demonstration role and leading impact.

SUEZ wins second prize of National Environmental Protection Science and Technology Award

SUEZ's Macao water supply services selected as 'Most Inspiring Climate Smart Case'

Changshu water project's O&M platform recognized as a 2022 reference case of smart water services



On 15 September 2022, in Shanghai, at the Sustainable Business Awards (SBA) 2022 ceremony organized by the European Chamber of Commerce in China, SUEZ was awarded the SBA in the Navigating Diversity and Inclusion category for its longstanding commitment to building an inclusive and diverse workplace for its staff and for its outstanding performance in promoting social equality. This is a new honor for SUEZ on the SBA stage following its 2021 win in the Resilient Industry, Innovation, and Infrastructure Leader category.

SUEZ awarded Navigating Diversity and Inclusion by European Chamber of Commerce in China



SUEZ was awarded the 'Excellence in Carbon Neutrality Award' at the 9th Corporate Social Responsibility (CSR) Awards, organized by the European Union Chamber of Commerce in China. The award-winning project is Suzhou Industrial Park (SIP) sludge project, which demonstrates how decarbonization is realized through a combination of SUEZ technology and industry synergy in sludge drying.

SUEZ wins 'Excellence in Carbon Neutrality Award' by European Union Chamber of Commerce in China



Macao Water won the commendation for Best Global Reporting Initiative (GRI) Report Award in the Hong Kong Environment, Social & Governance Reporting Awards (HERA) 2022, in recognition of the company's outstanding ESG and sustainability performance. This is the third successive year that Macao Water has won the award.

SUEZ subsidiary Macao Water wins ESG Reporting Award in Hong Kong



SUEZ is honored to receive the Sustainable Business Award 2021 from the World Green Organization. This is the second consecutive year that SUEZ has been recognized as a 'Sustainable Business' by a credible and professional selection committee for the Group's efforts in improving ESG (Environment, Social and Governance) performance as well as its involvement in environmental protection, ecological transformation and community investment.

SUEZ wins Sustainable Business Award 2021



Built and operated by SUEZ in 2020, the Seac Pai Van water treatment plant was awarded the first Green Building Design Label of its kind in Macao. This year, the plant won another significant award at the Water Summit organized by E20, namely 'Shuang Bai, Shuang Gao' Award. Seac Pai Van water treatment plant, which commenced operations in 2021 and has a daily treatment capacity of 130,000 m³, features high energy-saving and emission reduction as well as offers excellent resource recycling.

Macao Water's Seac Pai Van Water Treatment Plant wins China Water Industry award



The Suzhou Sludge Project is the first in SUEZ International BU to win the Operational Excellence Golden Medal for its stellar evaluation results in a virtual evolution conducted by SUEZ Industrial Excellence Department for the implementation of SUEZ Way 6 Golden Rules.

Suzhou Sludge Project wins SUEZ Way Operational Excellence Golden Medal

Asia wins two innovation awards on SUEZ Innovation Day 2022

SUEZ held Innovation Day 2022 in Paris in November. This was the first significant event after the launching of the Group's new strategy. Our key customers and partners from 90 private and public organizations in 29 countries were invited to join the event, during which they learnt more about the SUEZ innovation system together with our management as well as business development, technical and innovation teams. SUEZ's resilient and innovative water and waste solutions were showcased in the event, which help create value for our customers and drive the ecological transition together with our end users. SUEZ also highlighted its commitment to preserving water resources,

reducing pollution, producing green energy by reusing waste and reducing carbon footprint for our customers.

In Asia, we invited some key customers to Paris to take part in the event. We also showcased the industrial and circular solutions and projects in Asia's Innovation Stand, which included the embedded wastewater treatment plant concept used in the Hengli WWTP Project featuring treating 'waste' with 'waste', and Innodry® 2E unique sludge drying technology used in the Suzhou sludge disposal project, a waste-to-energy demonstration project.

Out of the 10 Innovation Project Awards and the 2 Best Innovation Stands Awards, which were voted by customers and employees on site, SUEZ Asia won the following two awards:



Performance Award

Water Operations – Chongqing Tangjiatuo

Energy Saving and Evaluation System for Submersible Agitator in WWTP - the project develops a set of simulation and evaluation system to enhance the performance of the submersible agitators in the biological treatment unit of the wastewater treatment plant. Through 3D modeling and CFD simulation, it supports the daily operations, achieves automation, and drastically improves the plant's performance. The project stood out from 63 entries submitted by different BUs and became one of the 10 innovation winning projects.



Collaborators' Favorite Award

SUEZ Asia Innovation Stand

The industrial and circular solutions were showcased in Asia's stand, which included the embedded wastewater treatment plant concept used in the Hengli WWTP Project and Innodry® 2E unique sludge drying technology used in the Suzhou sludge disposal project. This category of awards was voted by SUEZ staff and customers. Asia's stand emerged winner for its theme aligning SUEZ's vision of 'Creating Cycles. For Life.' as well as green and low-carbon development of treating waste with waste and transforming waste into energy.

Visits and exchanges



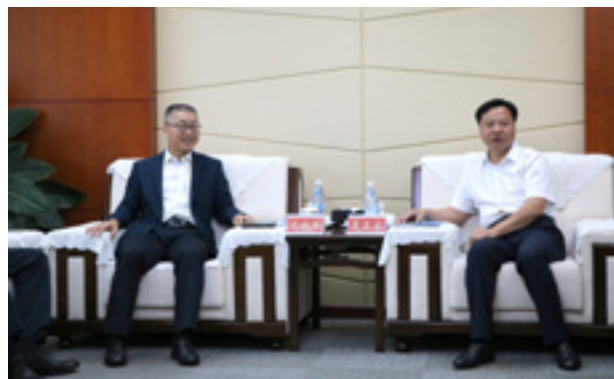
SUEZ conducts technical exchange with Beijing Waterworks Group

On 2 August 2022, SUEZ and Beijing Waterworks Group delegates visited the Beijing Waterworks Museum. Among the visitors were Xu Jinhua, General Manager of Beijing Waterworks Group, Zhang Jun, Managing Director of SUEZ Environmental Technolog (Beijing), and Thurston Lou, Chief Technical Officer of SUEZ Water China. The delegates discussed smart water, water treatment processes and corporate management.



Representatives of Changshu Urban Construction Public Asset Management Company visit Jiangsu Sino French Water

On 11 August 2022, Tian Weixing, Chairman of Changshu Urban Construction Public Asset Management, a partner of SUEZ, led a delegation to visit Jiangsu Sino French Water, where they exchanged with Jin Ke and Li Lusi, Chairman and General Manager, respectively, of Jiangsu Sino French Water. Topics covered how to nurture young talents, safety issues in JV operation and business development.



SUEZ delegates call on Qingdao Water Group Chairman

On 25 August 2022, Felix Fan, Senior Vice President of SUEZ Asia, led a delegation to visit Xia Zhengqi, Chairman of Qingdao Water Group, Sun Wei, General Manager of Qingdao Water Group, and Sun Dongfeng, Chairman of Qingdao Sino French Hairun. Both parties reviewed the past 20 years of SUEZ-Qingdao partnership and held a candid dialogue on how to deepen mutual cooperation in the future.





Macao Water holds customer liaison meeting to facilitate communication with customers

Macao Water held a customer liaison meeting on 29 October 2022 to solicit ideas and suggestions of customers from all walks of life so as to improve customer satisfaction. More than 30 participants also visited the Seac Pai Van WTP to learn more about the smart water technologies.



Environmental group visits Sino-Singapore SUEZ

On 3 November 2022, representatives from Suzhou Fuxing Wastewater Treatment Plant, Everbright Water (Suzhou) and a local environmental protection society visited Sino-Singapore SUEZ to learn the hazardous waste treatment process that achieves waste traceable from production to disposal.



Zhuhai Economic and Technical Development Zone Administrative Committee visits Macao Water

Liu Jicheng, Deputy Director of Zhuhai Economic and Technical Development Zone Administrative Committee, led a delegation to visit Macao Water. Both parties had intensive exchanges on smart water technologies. The delegation also visited the Seac Pai Van WTP, which is a combination of green building and smart technology, facilitating energy efficiency and low carbon emission.



Student delegation visits Wuhan Sino French

On 17 November 2022, a 29-member delegation from the Consulate General of the Republic of France in Wuhan and the China-EU Institute for Clean and Renewable Energies of Huazhong University of Science and Technology visited Wuhan Sino French. The JV's technical experts introduced the full wastewater treatment process to the visitors.

SUEZ Asia Innovation Trophy 2022 results

168 Entries

6
Asia Grand Innovation

3
Best Promotion

17
Best Innovation

45
Innovation Nomination



Best Promotion

Synergy Innovation for Densadeg Application
TI

Tech-Project Project Management Platform
WO – Governance Department

Efficient Apollo 1.0 Informatization Working Platform
TI



Asia Grand Innovation

Master N+1 Options of Water & Air Distribution in Filter
TI

SUEZ Asia H&S App
Asia Corporate

Optimized Energy Saving And Evaluation System For Submersible Agitator In Wastewater Treatment
WO – Chongqing SF Tangjiatuo

Apollo 1.0 Informatization Working Platform
TI

Low Carbon Design of ZLD Full Process Technology Solution And Application
TI

Exploration & Practice on 3D GIS of CCSF Water Supply and Drainage Pipeline
WO – Chongqing Changshou SF

Best Innovation



Atlas Of Common Freshwater Algae in Macao

WO – Macao Water

Exploration & Practice On 3D GIS Of CCSF Water Supply and Drainage Pipeline

WO – Chongqing Changshou SF

The First Application of Smart Densadeg in CSOs Treatment

TI

Master N+1 Options of Water & Air Distribution in Filter

TI

Uniform Distributor of Domestic Waste and Sludge

TI

SDA Automatic Dust Cleaning Efficient Tool - Air Cannon

R&R - Sino-Singapore SUEZ

Application of a New Power-saving Equipment in The Water Supply Company

WO – Tanggu SF

Research and Engineering Practice on Zero Discharge of Sludge Drying Wastewater

WO – Suzhou SF

First Application of Flotazur in DWTP Sludge Water Treatment

TI

Low Carbon Design of ZLD Full Process Technology Solution And Application

TI

Combined Active Carbon Treatment Process for Hard COD Removal

TI

Research and Development of In Situ Activation Technology of Algae Inhibiting Bacteria and Its Application in Water Ecological Restoration Engineering

R&R – Derun Simbond

Metagenomics Analysis of Nitrogen Removal Microorganisms in WWTP

WO – SCIP SF

Optimization and Improvement of IFAS Process System in Actual Operation

TI

Intelligent Process Control in Kaifu Project - First Smart Water Project for TI China

TI

The Application of Flash Steam Recycling Technology in Sludge Incineration Project

TI

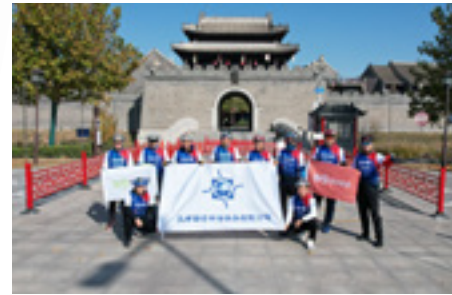
Development and Application of Inclined Rod Pusher

R&R - Sino-Singapore SUEZ



#RideWithSUEZ Asia Cycling Tour

With 17 stage wins, the SUEZ-sponsored 2022 Tour de France Femmes cyclists have completed the full season of race. Riding on the passion from this race, we launched the #RideWithSUEZ campaign throughout Asia. More than 600 cyclists from some 20 Asian cities have signed up, including SUEZ staff as well as SUEZ partners and customers. The cycling tour is aimed at promoting green mobility, a low-carbon footprint and cultural diversity.



Tanggu



Xi'an



Chongqing



Nanchang



Chengdu



Tanzhou



Yangzhou



Taixing



Suzhou



Xinchang



Shanghai (SCIP SITA)



Shanghai (AnYo)



Changshu



Sanya



Singapore



The Philippines



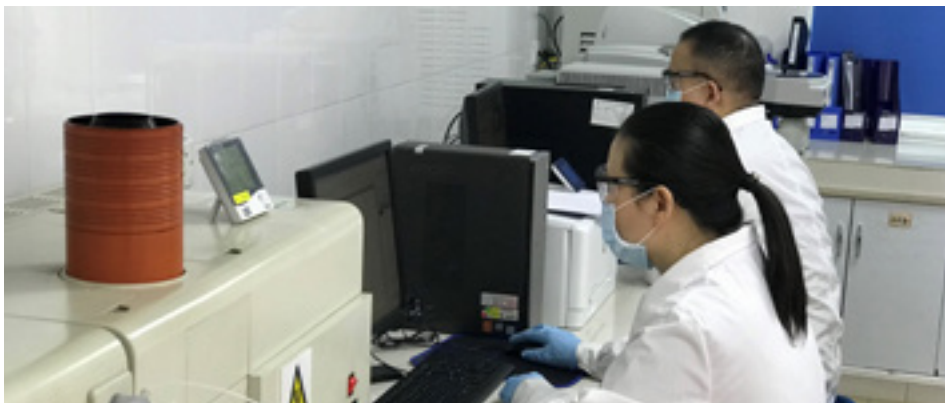
Green & Low-Carbon Future





Students visit SUEZ's hazardous waste project in Suzhou

Sino-Singapore SUEZ received students from local primary and middle schools, who paid a visit to the hazardous waste treatment plant. The students did experiments in the laboratory to understand the impact of hazardous waste on the environment. They also took part in a Fresco workshop to design an environmental poster and shared environment protection ideas.



Tanzhou Water assists in local river rehabilitation project

Shanghai University and China State Construction Engineering Corporation (CSCEC) jointly conducted a river rehabilitation project in Tanzhou. Tanzhou Water was delegated by Shanghai University to run water quality tests for the project, which are aimed at improving the water quality as well as the ecological environment.



Jiangsu Sino French sets up aquatic ecology laboratory with research centres in Changshu

Jiangsu Sino French signed an agreement with Nanjing University Ecological Research Institute of Changshu and the Institute of Hydrobiology of Chinese Academy of Sciences respectively to establish an aquatic ecology joint laboratory as well as a workstation for ecological construction of lakes and reservoirs in Changshu. The three parties will share resources, utilize their own capacity and drive forward research into hydrogeology to bring about transformative results.



SUEZ Beijing Office launches book donation drive

The SUEZ Beijing Office launched a book donation drive. A total of 117 employees and their family members took part in the activity. Around 400 children's books were collected and donated to underprivileged children in the Honghe Village of Yunnan.



Tanzhou Water installs smart water meters for local underprivileged families

Tanzhou Water provides free smart water meter installation services to a total of 35 live-alone elderly or handicapped people across seven remote districts. The JV monitors their water usage and reports any abnormalities to the government. This measure allows early detection of accidents and is a way for the JV to fulfill its corporate social responsibility to help those in need.



Macao Water co-organizes special olympics swimming contest to promote diversity and inclusion

Macao Water has collaborated with the Macao Special Olympics (MSO) to host swimming contests for 18 consecutive years. This year's event was held on 8 October 2022. Macao Water also provides ongoing support for the Winter Special Olympics and other daily training. As of 2021, 65,000 MSO participants have joined and benefited from Macao Water's sponsored events.



SUEZ organizes cleanup activity in the Philippines

On World Cleanup Day, SUEZ in the Philippines organized its staff to clean up the surroundings of the water treatment project site in Calawis, Antipolo City of Rizal Province. The staff collected a total of 100 kilograms of trash, demonstrating their passion for the environment.



Jiangsu Sino French promotes water-saving in local primary school

Experts from Jiangsu Sino French gave a lecture at a local primary school to promote water-saving in daily life, and introduced the drinking water treatment process to teachers and pupils, so as to cultivate public awareness of water conservation from childhood.

Christmas celebration in Asia



Reporting of Non-Ethical Behaviours



Singapore Office



The Philippines Office



What to report

- Crime or fraud
- Conflict of interest
- Situations causing damage to the environment by the group, partner or supplier
- Any other behaviours you consider as breach of Ethics Charter



How to report

- You can contact Asia Compliance Officer at ethics.asia@suez.com; or
- Your local Compliance Correspondent



Protection

- All reports are dealt with within a reasonable timeframe and in a confidential manner
- No disciplinary action will be taken against an employee who has made a report in good faith, even if it subsequently turns out that the report was inaccurate or do not result in any consequences or sanctions



Health & Safety Fair Culture Survey 2022

In November 2022, SUEZ Asia organized a Health & Safety Fair Culture Survey to better understand employees' views and suggestions towards safety culture. A total of 722 staff took part in the survey. They also gave around 100 concrete suggestions on strengthening the promotion of safety culture and implementing more incentive schemes on health and safety. We will study and analyze the survey results and roll out measures accordingly to build a fair health & safety culture.

**8.8**

The maturity rate of health & safety fair culture is 8.8, a drastic increase compared with 7.9 in the survey of 2019

**96%**

96% of the staff felt that we have made significant progress in building the health & safety fair culture, particularly in good practices sharing and in taking health & safety into account when making decisions

**70%**

70% of the staff believed we have a balanced sanction and reward system in health & safety



Sharing of H&S good practices



Qingdao Sino French Hairun optimizes heat dissipation of radiator cabinets

To achieve the three goals of improving heat dissipation, improving equipment performance and slowing down aging of radiator cabinets in the switch house of the ultra-membrane workshop, Qingdao Sino French Hairun installed a cooling air duct and an exhaust fan to boost air exchange rate by 25%. The JV also uses a suitable design for the air duct to prevent condensed steam from falling onto the equipment.



Macao Water organizes activities during H&S Week

This year, Macao Water's Health & Safety (H&S) Week ran from 17-21 October. During this period, the company held a series of activities, including safety drills, training sessions as well as other activities designed to enhance the staff's mental and physical wellbeing. The aim of the H&S Week is to enhance staff awareness of health and safety practices, in pursuit of the Group's target of zero fatal accidents.



Qingdao Sino French Hairun implements lock-out/tag-out safety measures

There are many chemical dosage valves in the ultra-membrane system. For this reason, Qingdao Sino French Hairun implements lock-out/tag-out safety measures to ensure proper ongoing operations. To successfully add chemicals, the operator needs to complete three safety checks: first, correct operation of the power switch; second, unlocking the potential of the chemical dosage; third, review by the production department.

SUEZ ASIA

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W i n t e r 2 0 2 2



苏伊士参加中国环博会及节水创新展

2022年11月15-19日·深圳

第23届“中国环博会”与“2022深圳高交会节水创新展”在深圳同期举办。苏伊士作为全球环境服务行业先锋，应邀参加此环保行业盛事，在环博会上与800多家环保企业的代表和专家面对面分享交流最前沿科技的产品和解决方案。本次节水创新展是首届全国节水创新发展大会活动之一，旨在加强节水科技交流、促进节水产业孵化。

深圳高交会节水创新展

苏伊士通过“云巡馆”向线上观众介绍了苏伊士的概况及核心业务。展位重点展示了苏伊士的子公司澳门自来水通过使用苏伊士专利技术和创新方案，如：漏损管理智慧方案、智能水表、动态水力模型等推动城市节水，并对外积极推动节水教育，配合推行政府政策，构建节水型智慧城市。广东省副省长孙志祥、深圳市副市长张华以及珠海市水务局局长卢晓波等有关部门领导一行莅临苏伊士展位参观指导。





中国环博会

苏伊士在环博会上全方位展现水务和固废管理的创新成果，并通过 10 多场专家演讲，就苏伊士在上海化学工业区和苏州工业园区的两个固废处理项目运营管理、智慧与环境解决方案、环境质量检测及监测、工业清洗及催化剂置换、垃圾填埋场修复、水厂的产销差、管网压力和精准加药系统等在展台上进行现场讲解。

苏伊士积极参与可持续发展活动

苏伊士参加多项可持续发展的活动和研讨会，分享了集团的可持续发展理念和最佳实践案例，鼓励行业和社会采取更积极的行动，保护环境。苏伊士致力于成为对利益相关方具有感召力的可持续发展倡议者。



第 27 届联合国气候变化大会中国馆活动

2022 年 11 月 11 日，苏伊士亚洲出席了中国馆活动中的圆桌讨论。此次活动主题为“云集企业力量、共创零碳未来”，并围绕如何整合可持续发展目标和双碳目标到企业发展战略中进行讨论。

活动中，苏伊士中国执行副总裁周永强重申了苏伊士在可持续发展议题中保持领导地位的承诺。

中法环境月



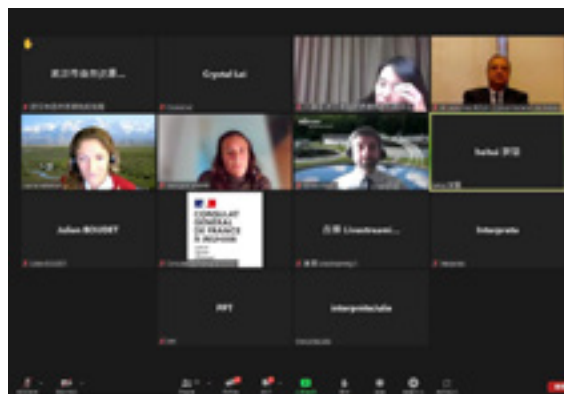
在上海

苏伊士中国水务运营区域总监王缘，介绍了苏伊士如何为上海化学工业区提供运营所需的水和污水处理服务，以支持工业活动的可持续性。



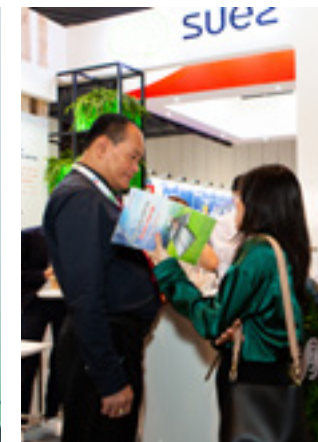
在成都

苏伊士亚洲地区可持续发展总监周辉分享苏伊士在中国如何把减缓气候变化和自然生态保护纳入到发展战略当中，以及如何提高青年的环保意识。



在武汉

苏伊士亚洲地区智慧与环境解决方案首席技术官毕奥理介绍了苏伊士在支持城市水管理方面的技术优势，包括：水循环管理、海绵城市、管网管理和人工湿地。



苏伊士在越南参加绿色经济论坛及展览

2022年11月28日至30日，苏伊士参加由欧盟商会组织，在越南胡志明市举办的绿色经济论坛及展览。越南总理 Phạm Minh Chính 及多位越南政府要员出席了全体会议，苏伊士是其中一家获邀参加的企业。苏伊士东南亚总裁付文凯与多家大型跨国企业代表讨论气候变化对越南的影响，以及分享苏伊士综合的水务和固废解决方案，如何帮助亚洲最大的化学工业园区之一的上海化学工业区解决气候变化对园区的影响。



苏伊士参加 2022 年菲律宾水务大会



菲律宾水务大会是由菲律宾水务协会举办的一项国际会展盛事，今年第 28 届的活动以“全球创新的水务及环卫解决方案”为主题，吸引了众多企业以及政府代表参与。

苏伊士菲律宾作为活动的金牌赞助商获邀请分享其建造饮用水厂的小型水处理装置（UCDs）技术，并讲解了为菲律宾提供安全洁净饮用水的重要性。通过参加会展盛事，苏伊士加强了与客户的沟通和交流。



苏伊士第五家 环境检测实验室 在海口成立



2022年11月22日，苏伊士与合作伙伴埃锦环境工程（海南）有限公司按照51/49的股权比例在海南省海口市成立了一家环境检测实验室。海口实验室成为苏伊士在中国的第五家环境检测业务实验室，不仅体现了苏伊士在中国继续加大投资和发展的决心，也是落实2027年战略规划、增加研发投入的切实行动体现。

海口实验室将在海南当地开展环境监测、环境影响评价检测、建设项目环境保护竣工验收监测、河涌水质监测、场地调查土壤检测、室内空气质量检测等业务。



苏伊士环境检测作为国内最早从事污染场地调查、评估、验收等环境检测的第三方检测机构，是中国第三方环境检测服务的开拓者和引领者。在海口落成的环境检测实验室更通过与苏伊士各大业务线的协同效应和资源共享，全面提升核心领域的技术创新能力和市场竞争力，从而更好地为海南省各大科研院所、高等院校、政府机构、固废和危废处置单位、风险评估及修复公司、各类工业企业、资源和能源等企业单位提供更便利、更快捷、更专业的服务。我们力争与合作伙伴一起，为海南省建设国家生态文明试验区发光发热。



方恒业
苏伊士亚洲地区首席执行官

苏伊士获多项设备供货及技术服务合约



在杭州

苏伊士与中国建筑第八工程局签署合约，为杭州市城北净水厂项目提供深度处理系统设备供货及技术服务，使出水达标排放。此项目是杭州市政府响应浙江省推行的“五水共治”建设美丽浙江的重点工程，为提升当地水体环境作出积极贡献。此项目也是苏伊士与中建八局在签订战略合作协议后的首度合作，为日后双方开展更多合作奠定基础。

在长沙

苏伊士与湖南中夏水务科技发展有限公司签署合约，为长沙市浏阳经开区南园污水处理厂提标改造工程提供 DensaCarb 炭吸附高密度沉淀池和 Denifor V 反硝化生物滤池工艺设备供货及相关技术服务。污水处理厂主要处理园区内制药企业的排水和生活污水，通过苏伊士提供的设备使得出水达到地表水环境准 IV 类标准，排入捞刀河，保护当地水体环境。

另外，在长沙，苏伊士还与湖南园艺建筑集团签署合同，为开福污水处理厂三期提标扩建工程提供精准曝气系统和精确加药系统。苏伊士将帮助用户节省 7% 的曝气电耗、7% 的乙酸钠耗量和 7% 的聚合氯化铝耗量，在优化运营绩效的同时，减少环境足迹。



在成都

苏伊士中标成都市第一城市污水污泥处理厂三期工程污泥处置设备供货及技术服务项目。针对中国污泥低热值的特点，苏伊士将采用其已成功应用在全球 40 多座高温流化床污泥焚烧厂的专利技术 Thermylis®（预干化——高温流化床焚烧技术）。这种技术不仅能实现污泥的稳定化、减量化和无害化处置，更能收集污泥焚烧产生的蒸汽并回用于预干化系统，最大程度地实现能量回收利用，降低能源消耗，从而帮助客户减少碳排放并节约运行成本。项目污泥处理规模达 800 吨/日，将是中国西南地区最大的独立污泥焚烧项目。



在常州

苏伊士赢得一项工业污水处理厂及尾水湿地工程设备采购合约。该项目位于江苏省常州市，设置两条处理线，分别收集并处理金科新材料园产生的化工污水及周边一般工业企业的污水，处理规模共计 2 万立方米/日。苏伊士为项目提供深度处理工艺段的 Oxyblue 臭氧 - 生物滤池工艺设备供货及相关技术服务，使出水达到地表水环境 IV 类水标准，优化周边地区的水环境，并提升园区的竞争力。



在西安

苏伊士与西安长安桑德水务有限公司签署合同，为处理规模为每日 10 万立方米的西安市第九污水处理厂一、二期提标改造工程提供 Densadeg® 高密度沉淀池和 Deniflor U 反硝化生物滤池及配套加药系统工艺设备安装及相关技术服务，使出水水质达到地表水环境 IV 类水标准，可以直接排入河道，保护当地的生态环境，也为居民创造良好的居住环境。

苏伊士在重庆二十载 成为中国水务市场 中外合作共赢的典范



40 亿元人民币

苏伊士在重庆的总投资额



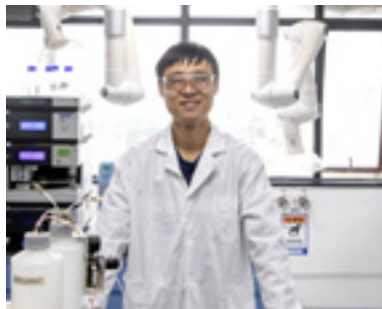
123 万立方米

苏伊士在重庆的日供水能力



200+ 万

服务总人口



从 2002 年开始，苏伊士与重庆携手合作，从一个规模相对较小的饮用水供应项目扩展到污水处理和工业园区的环境服务，再从项目合作上升到战略合作，取得了突破性的成就，成为中国水务市场上中外企业合作共赢的成功典范。迄今为止，苏伊士在重庆的投资已超过 40 亿元人民币，极大地改善重庆和长江流域居民的生活质量，造福民生福祉。

2002 年，苏伊士与重庆水务成立合作公司重庆中法供水，成为中国向外资开放管网后首个特许经营项目。合作公司向重庆市江北区、渝北区以及两江新区大部分区域的 200 多万居民和工商客户提供安全、稳定、优质的水生产和供应。随着悦来水厂全部三期工程的建成和投产，苏伊士在重庆的日供水能力已增至 123 万立方米。

苏伊士还应用其专利 AQUADVANCED® 智慧水厂解决方案和大数据技术为城市供水配上“智慧大脑”，进一步优化供水设施和管网的运营效率。我们的水质优于国家标准，可与欧盟水质标准媲美。合作公司更被评为中国水业“最具社会责任服务企业”，成为中国供水服务行业的标杆。

苏伊士旗下水务工程有限责任公司更名

体现市场和用户需求的战略调整

业务单元苏伊士中国水务工程的实体名字：**苏伊士水务工程有限责任公司**在2022年11月17日正式更名为“**苏伊士环境科技（北京）有限公司**”。此举是苏伊士总体战略调整的一部分，为了迎合集团的新战略和市场环境的变化，实现“以设计建造引领苏伊士亚洲业务发展的引擎”，同时在技术上积极创建苏伊士“工业水处理卓越中心”、“污泥处理卓越中心”和“环境科技创新中心”。



发展历程



战略定位



价值主张



科技创新引领未来

“得利满”，是我们过去熟悉的、业界响亮的品牌。《得利满水处理手册》被誉为水处理业界的“圣经”，在行业内家喻户晓。2015年苏伊士集团改制，“得利满”作为苏伊士旗下品牌被整合并命名为苏伊士水务工程。2022年，为适应集团战略和市场环境的变化，又更名为苏伊士环境科技（北京）有限公司。

集团在2022年9月27日向全球发布了新战略。水务工程团队也进行了相关战略调整，从水处理业务拓展至水处理及其衍生物处理业务，组织架构按照事业部相应进行了细分，从市场和用户的需求出发，更加紧密地跟踪和解决用户的需求。

“卓越的环境服务提供商”是我们在市场中的价值定位，以“稳定的高质量交付”和“全生命周期竞争力”作为核心价值，为中国市场和客户提供优异的环境服务。在集团内部，我们以“以设计建造引领苏伊士亚洲业务发展的引擎”为定位，同时在技术上努力创建苏伊士“工业水处理卓越中心”、“污泥处理卓越中心”和“环境科技创新中心”。

过去五年，我们在中国市场的专利授权超过了110项，在北京建立了工艺验证实验室，并拥有20个测试平台，开展市政、工业与污泥复杂应用场景的技术创新试验与验证。我们以创新实践展示了创新能力。



苏伊士、中国石油天然气集团和中国石油大学（北京）联合提交的项目《炼油化工行业污水减污增效关键技术开发及大规模应用》荣获“环境保护科学技术奖”二等奖，是对项目推动中国生态环境科学技术和环保事业发展的充分肯定。“环境保护科学技术奖”是国家科学技术奖励工作办公室设立的、中国环境保护科研领域中的重要奖项。

苏伊士获
中国“环境保护科学技术奖”
二等奖



2022年9月15日，在丹麦哥本哈根举行的国际水协会世界水大会上，苏伊士旗下子公司澳门自来水获选为国际水协会气候智慧型公用事业表彰计划中的“最佳启发性气候智慧案例”。苏伊士融入澳门社会发展近40载，为整个澳门的饮用水生产、输配和客户服务提供解决方案，帮助澳门保护水资源及提高环境的韧性。

重庆唐家沱污水处理项目和上海化学工业区水务管理项目入选“气候智慧型公用事业单位”。

澳门自来水供水服务项目
入选国际水协
“最佳启发性气候智慧案例”



常熟水务项目“智水琴川”高质量发展运管平台于近期获评中国住房和城乡建设部科技与产业化发展中心2022年智慧水务综合类典型案例。该项目凭借在供水、排水与污水处理、水环境监管、综合性管控平台、智慧客服等方面形成的具较好示范引领作用且可复制推广的经验，使其从134个参赛案例中脱颖而出。

常熟水务项目的运营管理平台获
2022智慧水务综合类典型案例



2022年9月15日，在上海举行的中国欧盟商会2022年度“可持续商业大奖”颁奖礼上，苏伊士因长期致力为员工建立包容、多元工作环境，且促进社会平等方面的优秀表现，获颁发“多元化与包容倡导奖”。这是继2021年获得“有韧性的行业、创新和基础设施”类别领袖奖之后，苏伊士在“可持续商业大奖”中取得的又一新荣誉。

苏伊士获中国欧盟商会颁发
“多元化与包容倡导奖”



苏伊士在中国欧盟商会举办的第九届企业社会责任奖项中荣获“碳中和卓越奖”。作为获奖项目的苏州工业园区污泥处置项目展示了苏伊士如何通过领先的技术和行业协同，在污泥干化过程中实现减碳。

苏伊士荣获
中国欧盟商会颁发“碳中和卓越奖”



澳门自来水《2021年报》获得“2022年香港环境、社会及管治报告大奖”中“最佳GRI报告奖”。这是澳门自来水连续第三年获此殊荣，是对其在环境、社会、治理及可持续发展方面出色表现的肯定和表彰。

澳门自来水获
香港环境、社会及管治报告大奖
最佳GRI报告奖



苏伊士连续第二年获得世界绿色组织颁发的企业可持续发展大奖，这是专业评选委员会对苏伊士在环境、经济和公司治理方面绩效的肯定，也是对我们积极参与环保、生态转型和社区投资等方面工作的认可。

苏伊士获颁
2021 年企业可持续发展大奖



由苏伊士设计建造和运营的澳门石排湾水厂继 2020 年荣获澳门首个绿色建筑标识一星级认证后，在 2022 年由中国水网举办的供水高峰论坛上获颁年度供水行业“双百双高”奖。水厂于 2021 年投产，日处理能力为 13 万立方米，获得此奖项是对项目节能减排、循环利用资源设计的认可。

澳门自来水石排湾水厂获
中国供水行业“双百双高”奖



苏州污泥处置项目凭着优异表现，成为苏伊士国际业务单元第一家获得 SUEZ Way 卓越运行六大黄金法则成熟度金牌的单位。

苏州工业园污泥处置项目获
SUEZ Way 卓越运行成熟度金牌

苏伊士亚洲在集团全球“创新日”活动中 获两项大奖

“苏伊士创新日”早前在巴黎举行。作为集团新战略发布后的首次盛会，苏伊士邀请了来自 29 个国家的 90 家企业与政府机构的重要客户和合作伙伴参与活动，与集团的管理团队、商务、技术和创新团队一起体验苏伊士的创新生态系统。苏伊士展示了富有韧性和创新性的水务与固废服务解决方案，为客户创造价值，与最终用户共同推动生态转型；同时强调集团致力于实现“保护水资源、治理污染物、回收固废和利用废转能技术生产绿色能源，减少客户的碳足迹”的承诺。

苏伊士亚洲团队积极参与活动，携同重要客户到巴黎参加盛会，并在亚洲专属的展台以“工业与循环息息相关”为主题，展示“以废治废”嵌入式污水处理厂概念的恒力污水处理项目，以及“化泥为能”的 INNODRY® 2E 污泥干化技术应用于苏州污泥处置项目。

作为创新日的压轴活动，苏伊士揭晓 10 个创新奖和 2 个由客户和员工现场投票评选的最佳创新展台获奖项目，亚洲获得其中两项大奖：



最佳绩效奖

水务运营 - 重庆唐家沱

“污水厂潜水搅拌机优化节能与评估体系的建设项目”研发了一套在污水处理厂生化处理池使用的潜水搅拌机模拟与评估系统，通过 3D 建模及 CFD 模拟，指导实际运营并实现自动控制，大大提升了生化池运行绩效。项目从各业务单元提交的 63 个参评项目中脱颖而出，以“最佳绩效”成为 10 个创新奖获奖项目之一。



员工之选奖

苏伊士亚洲展台

亚洲展台重点展示了嵌入式污水处理厂恒力案例与 INNODRY® 2E 独立污泥干化技术苏州污泥处置项目。该奖项由参与创新日的苏伊士员工和客户投票选出。苏伊士亚洲展台因高度契合集团“Creating Cycles. For Life.”的愿景，实现了“以废治废”以及“化泥为能”的绿色低碳理念，获得了现场观众的一致认可和好评。

互访交流



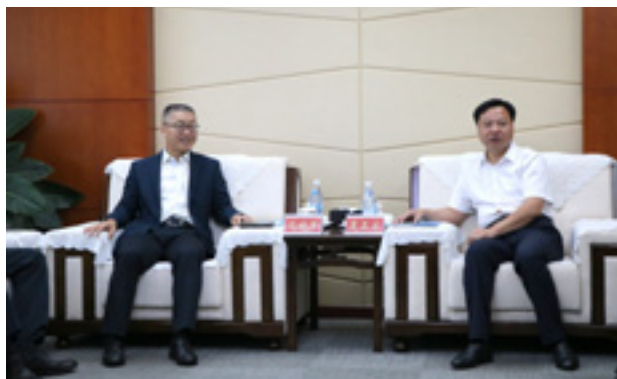
苏伊士与北京自来水集团交流

2022年8月2日，苏伊士与北京自来水集团一同参观了北京自来水博物馆。出席活动的包括北京水务集团总经理徐锦华、苏伊士环境科技总裁张军以及苏伊士大中华区水务首席技术官卢颂宇。双方就智慧水务、自来水处理工艺、企业运营管理方面进行了交流。



合作伙伴常熟城投公司到访江苏中法水务

2022年8月11日，常熟城投公司董事长田维兴等到访江苏中法水务，与合作公司董事长金科以及总经理李陆泗就人才培养、运营的安全风险管理、业务拓展等进行交流。



苏伊士拜会青岛水务集团董事长

2022年8月25日，苏伊士亚洲高级副总裁范晓军等一行拜访青岛水务集团董事长夏正启、总经理孙炜以及青岛水务海润自来水集团董事长孙东风等。双方回顾了20年来的合作，并就未来深入合作进行了坦诚的交流。



澳门自来水举办“客户关注小组”会议 加强与客户沟通

澳门自来水于2022年10月29日举行“客户关注小组”会议，广泛听取各界对供水服务的意见及建议，进一步提升整体服务质量。会后30多位客户参观了石排湾水厂，了解智慧水厂的运作。



环保团体参观中新苏伊士

2022年11月3日，苏州福星污水厂和光大水务（苏州）的员工代表以及环保志愿者到苏伊士在苏州的危废处理项目了解危废处置流程，以及如何实现接收的危废由生产到处置所有流程的可追溯性。



珠海经济技术开发区管委会到澳门自来水 参观交流

珠海经济技术开发区管委会副主任刘继承一行到澳门自来水参观交流。双方就智慧水务进行了深入探讨，并到石排湾水厂参观，认识结合了绿色建筑和智能技术、节能减排的高效水厂。



武汉中法接待参观的学生团体

2022年11月17日，由法国驻武汉领事馆组织华中科技大学中欧清洁与可再生能源学院学生一行29人来武汉中法污水处理厂参观。合作公司技术人员向参观者讲解污水处理的全流程。

2022 年苏伊士 亚洲创新奖 结果

168

参赛项目

6

亚洲最高创新奖

3

推广应用奖

17

最佳创新奖

45

创新提名奖



推广应用奖

高密池协同创新的应用

水务工程

高效实用的 Apollo 1.0 信息化工作平台

水务工程

Tech-Project 项目管理平台

水务运营 - 管理体系部



亚洲最高创新奖

玩转滤池布水布气的 N+1 个方案

水务工程

苏伊士亚洲健康安全小程序

苏伊士亚洲 - 职安健部

污水厂潜水搅拌机优化节能与
评估体系的建设

水务运营 - 重庆唐家沱

高效实用的 Apollo 1.0 信息化工作平台

水务工程

低碳零排放全流程解决方案及其应用

水务工程

长寿中法供排水管网一体三维 GIS 的
探索与实践

水务运营 - 重庆长寿中法

最佳创新奖



澳门常见淡水藻类图谱

水务运营 - 澳门自来水

长寿中法供排水管网一体
三维 GIS 的探索与实践

水务运营 - 重庆长寿中法

智慧型高密池在合流制溢流
污水处理中的应用

水务工程

玩转滤池布水布气的 N+1 个方案

水务工程

生活垃圾与污泥均匀布料器

水务工程

SDA 自动清灰利器—空气炮

固废资源管理 - 中新苏伊士

一种新型节能设备
在供水企业的应用

水务运营 - 塘沽中法

污泥干化废水零排放
研究及工程实践

水务运营 - 苏州中法

Flotazur 气浮在净水厂排泥水处理中的
首次应用

水务工程

低碳零排放全流程解决方案及其应用

水务工程

活性炭组合工艺去除水中 HARD COD

水务工程

污水厂脱氮微生物的宏组学分析

水务运营 - 上海化工中法

IFAS 工艺系统在运行中的优化改进

水务工程

开福智能工艺 - 苏伊士水务工程
首个纯智慧工艺合同

水务工程

闪蒸蒸汽的回收利用技术在
污泥焚烧项目中的应用

水务工程

一种新的清灰装置：
SDA 斜杆清料器的开发和应用

固废资源管理 - 中新苏伊士

抑藻菌原位激活技术研发及其在水体生态修复工程中的应用

固废资源管理 - 德润新邦

苏伊士亚洲 绿色骑行 地图



塘沽



西安

#RideWithSUEZ

伴随着 17 个赛段的胜利，苏伊士支持的女子环法自行车骑手们已完成了 2022 年全赛季的比拼。我们在亚洲组织 #RideWithSUEZ 活动延续绿色骑行的热情，在中国和东南亚多座城市，有超过 600 人报名参加活动。不仅是苏伊士员工，更有我们的合作伙伴和客户，通过骑行，积极倡导绿色出行，低碳生活和多元文化。



重庆



南昌



成都



坦洲



扬州



泰兴



苏州



新昌



上海 (升达)



上海 (安悦)



常熟



三亚



新加坡



菲律宾



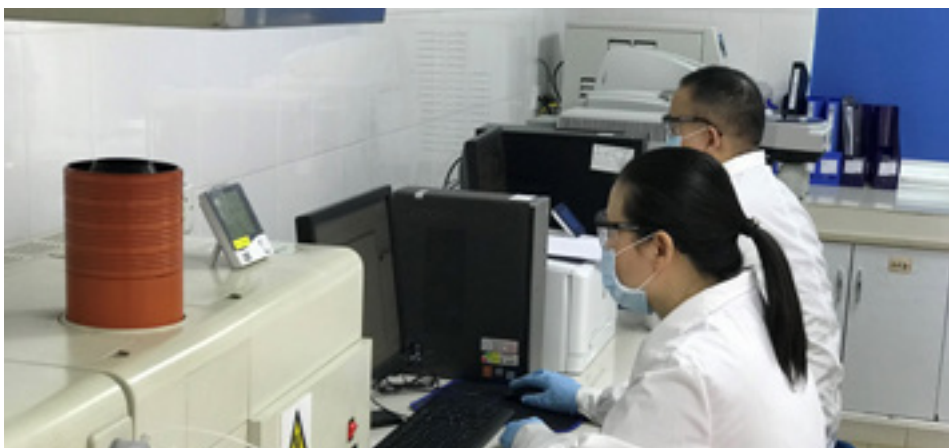
绿色低碳未来





为苏州学生组织“认识危废处置之旅”

中新苏伊士接待一批中小學生參觀危廢處理設施，讓他們動手進行小實驗認識危廢對環境的影響，還讓他們設計環保壁畫，分享壁畫設計的想法和環保理念。



助力坦洲河道修復

上海大學和中國建築在中山坦洲鎮進行“河道修復工程”科學實驗。坦洲自來水獲上海大學委託，為該實驗提供水質監測，助力當地河道修復，優化水體和生態環境。



與常熟研究機構合作成立水生態實驗室優化當地水環境

江蘇中法水務分別與南京大學常熟生態研究院和中國科學院水生生物研究所簽訂合作協議，成立水生態聯合實驗室以及湖庫生態建設常熟工作站，實現資源共享，推進水生態領域的科研和創新實踐。



向貧困生捐贈書籍

蘇伊士北京辦公室組織“書香筑夢”捐書活動，共 117 位員工以及家屬參與，累計收集近 400 本兒童書籍。書籍已贈送予雲南紅河貧困鄉村的孩子。



为坦洲的贫困用户安装智能水表

坦洲自来水为 7 个社区共 35 名独居长者和行动不便的居民安装智能水表，通过智能水表监测用户用水量，如发现异常情况即通知相关政府部门派员上门处理，以专业回馈社会，帮助有需要的人。



合办特奥游泳赛推动多元共融

澳门自来水连续 18 年与澳门特殊奥运会合办“特奥游泳赛”。今年的活动在 2022 年 10 月 8 日举行。此外，澳门自来水也持续支持冬季特殊奥运会及学员日常训练等，截至 2021 年，已超过 6.5 万人次受惠。



在菲律宾组织世界清洁日活动

苏伊士在菲律宾 Calawis 项目的员工于世界清洁日组织活动，清洁周边社区的垃圾，共收集了 100 公斤的垃圾，以实际行动展示苏伊士员工热爱环境。



为常熟的小学生进行自来水知识科普教育

江苏中法水务到当地的小学开展水质宣传活动，向师生们介绍自来水处理流程，让学生从小培养节水护水意识。

苏伊士亚洲圣诞节庆祝活动



违规行为举报

可举报的行为:



- 有关犯罪或诈骗的信息
- 有关利益冲突的信息
- 发生由于苏伊士集团、其子公司、分包商或供应商而导致的环境破坏
- 任何其他可能违反《道德章程》的情况

举报渠道:



- 您可以发送邮件至 ethics.asia@suez.com 联系亚洲道德主任，或者
- 联系您所在地区的道德联络官

保护机制:



- 所有报告都会在合理的时间范围内以保密的方式处理
- 对本着诚信举报的员工，即使后来发现举报不准确或没有导致任何后果或制裁，也不会采取纪律处分



新加坡办公室



菲律宾团队



2022 年健康安全 公正文化调查

2022 年 11 月，苏伊士亚洲组织了一次健康安全公正文化问卷调查，了解员工对安全文化的理解以及收集意见建议，共 722 名员工参与。员工积极反馈，提出了近 100 条具体建议，要求加强安全文化的宣传沟通并在健康安全方面推行更多激励机制等。我们将仔细研究问卷调查结果，推出相应的措施，塑造公正健康安全文化。

 **8.8 分**

健康安全公正文化的成熟度是 8.8 分，相较于 2019 年的 7.9 分显著提高。

 **96%**

96% 员工认为我们在建设健康安全公正文化有明显改善，在认可并分享积极做法以及在决策过程中考虑健康安全因素有较大的改进。

 **70%**

70% 员工认为在健康安全奖惩是平衡的。



职安健优秀做法分享



青岛中法海润优化配电室变频器柜散热

为优化超滤膜处理车间配电室变频器柜散热，提升设备运营的绩效和减慢老化，在原来通过冷气散热的基础上，合作公司为变频器柜加装了散热风道和排风风机，使进风风速提高了 25%，加速对流换热。同时充分考量风道结构设计，避免结露对设备的影响。



澳门自来水举办职安周系列活动 推广职安健文化

2022 年 10 月 17-21 日，澳门自来水举办一年一度的“职安周”系列活动，通过组织安全演练、培训以及有益身心健康的活动等，提升员工的安全意识，助力集团实现零死亡事故的目标。



青岛中法海润为超滤加药阀安全上锁

由于超滤膜加药间输药管道众多，加药过程容易混淆，青岛中法海润在每个加药管道增加阀门上锁，并在锁具和管道上贴有醒目的药品名称标签。只有通过电源开关、管道阀解锁和生产科发放钥匙，才能成功加药，确保正确加药。