

SUEZ ASIA XPRESS

苏伊士 亚洲快讯

A U T U M N 2 0 2 3

EN English version

中 中文版



SUEZ successfully commissions new hazardous waste treatment project in Shanghai Chemical Industry Park

On 3 July 2023, the hazardous waste treatment project, SCIP AnYo SUEZ, with a total investment of RMB 450 million, was successfully commissioned. The project is a partnership between SUEZ, Shanghai Chemical Industry Park (SCIP), SAIC Motor, and SINOPEC Shanghai. With the addition of this new project, SUEZ's total hazardous waste treatment incineration capacity in SCIP will increase from the current 120,000 tonnes/year to 160,000 tonnes/year. The project is a testimony to the strong partnership in hazardous waste treatment and resource recycling and serves as an important milestone for SUEZ and its partners in driving ecological transition.





**AnYo Hazardous Waste Treatment Project
annual treatment capacity**

40,000 tonnes/year



Energy from Waste

17,000 tonnes/year

of standard coal equivalent

This hazardous waste treatment project is a key investment by the partners to meet the growing need for hazardous waste treatment of SCIP, SAIC Motor, SINOPEC Shanghai and other production companies. With an annual treatment capacity of 40,000 tonnes, the project was designed to accommodate the complexity of hazardous waste treatment and is future-proofed for increasingly stringent environmental and emission standards.

With improved design specifications for incinerators and purpose-built units, the facility complies with the strictest EU emission standards. A new smart management system was implemented to enable automated inventory control and data analysis. The pretreatment capacity for high-risk waste was also expanded, which will further improve safety throughout the waste treatment process and ensure stable, resilient operations to meet the future needs of SCIP and other customers. The energy recovery unit in the facility can also recycle the heat generated by incineration and redistribute it for usage by other enterprises in the Park. The energy recovered is equivalent to saving 17,000 tonnes of standard coal each year. This project is set to be another strong reference case of waste reduction, decarbonization and the circular economy and reinforces SCIP's reputation as the most representative green industrial park in China.

SUEZ wins new projects

01



Assisting Beijing's Haidian District in building a smart sponge city

SUEZ provides Beijing's Haidian District with an integrated digital system for smart city management. The system monitors the operational status of the drainage network in real time by aggregating and analyzing sponge city facility data, project construction information, as well as online monitoring and drainage model data; calculates sponge city-related parameters across the board by combining monitoring data and model simulations; performs multi-dimensional comprehensive analyses to measure the effectiveness of sponge city construction and operations; identifies vulnerabilities to ensure the sustainable development of sponge city initiatives in the Haidian District.



02



Providing equipment and technical services for industrial WWTP in Yangzhou's Gaoyou Economic Development Zone

SUEZ will provide equipment and technical services of the two-staged Densadeg™ clarifier and Oxyblue® ozonation-biological filter processes for an industrial WWTP in Gaoyou Economic Development Zone in Yangzhou, Jiangsu Province. With SUEZ technologies, the effluent will reach the local best discharging standard to improve the local water environment and enhance the economic development zone's competitiveness. The plant is designed with a capacity of 30,000m³/day. It will provide wastewater treatment services for the high-performance battery, high-end equipment and photovoltaic industries.

SUEZ inaugurates its 7th R&D center in Asia

On 5 June 2023, Jiangsu R&D Center for Fluoride Pollution Governance was inaugurated. This center was jointly established by SUEZ and its JV Jiangsu Sino French Water, Jiangsu Changshu New Materials Industrial Park, and the Jiangsu Provincial Academy of Environmental Science. Operated by Jiangsu Sino French Water, the center engages in the research of efficient sewage defluorination technologies and fluoride reuse solutions.



Xinchang Sino French inaugurates new drinking water facility



On 11 July 2023, SUEZ JV Xinchang Sino French inaugurated a new drinking water facility of 15,000 m³/day in its Long Shan DWTP. Upon the commission of the new plant, the total treatment capacity of Xinchang Sino French will be boosted to 135,000 m³/day. It will ensure stable water supply during the summer peak season. The VIPs who graced the ceremony were Li Yifeng, Xinchang County government official; Zhang Xingui, Chairman and General Manager of Xinchang Water Group, and Felix Fan, Managing Director of Water Operations China, SUEZ Asia.



SUEZ Innovation Day

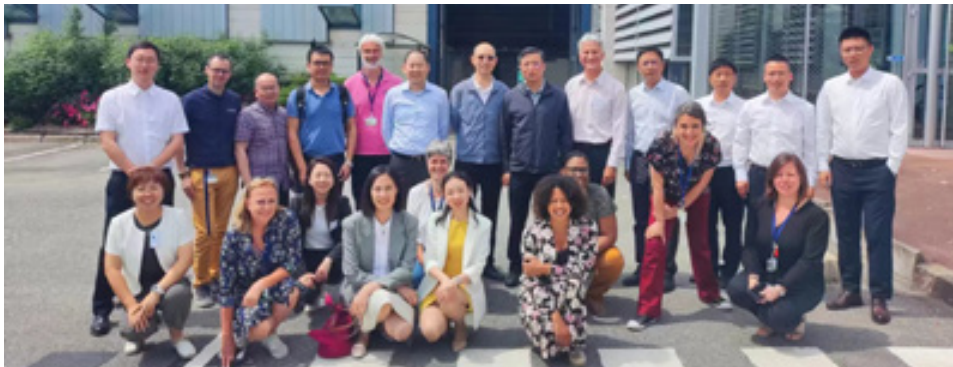
On 19-20 June 2023, around 600 clients, partners, SUEZ experts, data scientists, researchers and journalists from 20 countries and regions around the world took part in the SUEZ Innovation Day in Paris, France to share the Group's latest innovation achievements. A myriad of activities was organized, including an exhibition of innovative solutions from different SUEZ BUs and visits of significant projects in Paris which demonstrate SUEZ's strong innovation capabilities - CIRSEE, the R&D center engaged in water and environmental solutions, and the local water and waste treatment plants.





Innovate with our stakeholders

In Asia, SUEZ invited important clients, partners, and journalists to the global innovation feast in Paris, and demonstrated two of our significant innovation references in Asia's own stand: circular & sustainable industrial solution in SCIP and reliable, sustainable and environmentally friendly project in Shenghong Chemical Industrial Park.



SUEZ takes part in SIWW Spotlight 2023

The Singapore International Water Week (SIWW) Spotlight 2023 took place from 4-7 June. The invitation-only event saw around 300 delegates from the water industry participate in the plenary discussions about topics such as climate-resilient utility and success stories of partnerships.

Francois Fevrier, CEO WATER & RR SUEZ Asia, together with Farchad Kaviani, Managing Director of SUEZ SEA, attended the event as delegates to gain insight into global best practices and success stories in the water industry. They also took the opportunity to network with key stakeholders in the region and share SUEZ experiences.



SUEZ Chairman & CEO Sabrina Soussan takes part in Franco-Chinese Economic Cooperation Meeting



On 21 June 2023 (CET time), Chinese Premier LI Qiang attended the Dinner Meeting for the French and Chinese business communities during his official visit to France. Bruno Le Maire, French Minister of Economy, Finance, Industry and Digital Sovereignty, together with more than 100 business community representatives of the two countries, attended the meeting. Sabrina Soussan, Chairman and CEO of

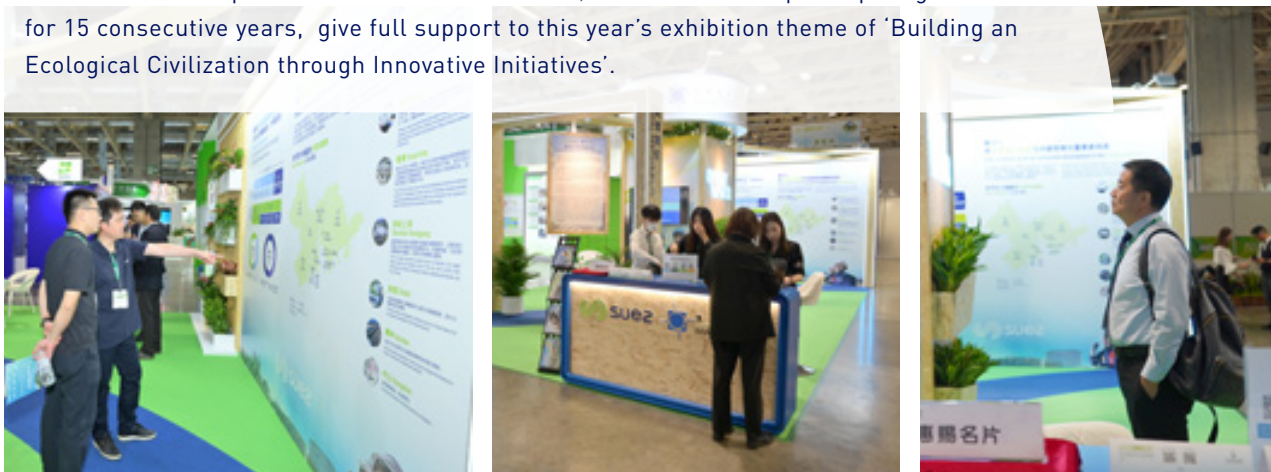
SUEZ, was invited to the meeting and had in-depth exchanges with the management of SAIC Motor, CATL, Sinopharm, Envision and other companies on topics such as circular economy, green low-carbon transformation, scientific and technological innovation as well as potential areas of cooperation. Laura Sun, Senior Vice President of SUEZ Asia, accompanied Sabrina to the event.

SUEZ takes part in Macao International Environmental Co-operation Forum & Exhibition (MIECF)



17-20 August 2023 · Macao

SUEZ, the water service provider for Macao, together with its subsidiary Macao Water, took part in MIECF to showcase its smart and sustainable solutions of water and waste to our clients and partners and join hands with the Macao Government to promote green and low-carbon development. SUEZ and Macao Water, which have been participating in MIECF for 15 consecutive years, give full support to this year's exhibition theme of 'Building an Ecological Civilization through Innovative Initiatives'.





SUEZ and Macao Water won the Green Booth Certificate for reusing the furniture and materials from the previous exhibition.



Delegates from SUEZ and Macao Water met with important clients and partners from the Greater Bay Area and other cities in Mainland China.



Adriana Gonzales Ospina, a SUEZ Engineering & Construction Wastewater expert, shared SUEZ expertise in wastewater treatment in the green forum named 'Finding Innovative Solutions for Air Pollution, Waste and Wastewater Management'.



SUEZ Asia clinches two key awards in SUEZ Senior Management Conference



Sales Award



H&S Award

In the SUEZ Senior Management Conference, 250 of the Group's top management around the world gathered in Paris to review the Group's performance and discuss development strategy. Outstanding projects and entities were also awarded based on the SUEZ strategy's key pillars of Innovation, Performance, Health & Safety, Sales and Finance. SUEZ Asia clinched the Health & Safety Award and the Sales Award.

◀ Wanhua Penglai SWRO Desalination Project

As the successful result of long-term key account management, this sustainable partnership has been built up through embedding SUEZ's superior customer-first service into the Wanhua business development. The strong and reliable local project delivery capabilities, proven in the past 4 contracts since 2017, is appreciated by Wanhua. The collaboration between SUEZ Engineering & Construction and SUEZ E&C China combined the Group's rich desalination experience and trusted local service competencies, and presented Wanhua with a competitive and valuable offer during the COVID-19 pandemic. When commissioned, this desalination plant will provide Wanhua with 100,000 m³ high-standard and stable processed water per day, save more than 36 million m³ of freshwater per year, as well as protect the biodiversity of the local sea.

◀ E&C China

No severe incidents for 10+ years

The award was presented to E&C China for running the business safely without severe incidents for over a decade. Thanks to an adaptive H&S system and approach to the business activities (E&C China has as many as 40 small-sized DB activities in multiple locations every year), strong H&S leadership of the management team (great participation in H&S training, events and MSV) and employees' H&S commitment, E&C China has efficiently and innovatively implemented the H&S policies and programs of the Group and SUEZ Asia. This achievement is a result of the joint efforts of every employee in E&C China. This is rooted in the culture of the organization and is put into daily practice across E&C China.

SUEZ granted certification by Beijing Foreign-Funded R&D Center



On 30 May 2023, Francois Fevrier, CEO WATER & RR SUEZ Asia, was invited to the award ceremony of Beijing Foreign-Funded R&D Center during the Beijing Zhongguancun Forum. Yu Yingjie, Deputy Mayor of Beijing, presented the certificates to Francois and 48 other winners from international companies, demonstrating the high recognition of the People's Government of Beijing Municipality to SUEZ's sound R&D capability.



After the ceremony, Francois and Wu Xiaojie, Governor of Beijing's Chaoyang District, held in-depth exchanges on investment and development of SUEZ in Beijing as well as future cooperation opportunities in the field of environmental protection.

SUEZ wins various awards



On World Environment Day on 5 June, the Suzhou Industrial Park's Ecological Environment Bureau named Sino-Singapore SUEZ the 'Environmental Demonstration Organization for 2022', in recognition of the enterprise's safe, stable and reliable waste treatment services for its customers in and around Suzhou.

Sino-Singapore SUEZ named 'Environmental Demonstration Organization'



In the Sanya Water Supply and Drainage Industry Professional Skills Competition organized by the Sanya Environmental Investment Group on 29 June, Sanya Sino French won the first prize in the Water Supply Pipefitter group category, and its staff from the Water Meter Section of the Customer Department clinched the top award for 'Skilled Pipefitter'. The two wins fully testify to the excellent professional skills of the JV's employees.

Sanya Sino French wins two top prizes in Sanya Water Supply and Drainage Industry Professional Skills Competition



On 13 June, at the inaugural Smart Water Innovation and Development Forum held at the Center of Science and Technology Industrial Development (CSTID) of the Ministry of Housing and Urban-Rural Development, Jiangsu Sino French Water's 'Zhi Shui Qin Chuan high-quality development operation and management platform' was selected as a 'reference case of smart water services for 2022', which showcased the JV's advanced smart water solution.

Jiangsu Sino French Water's digital platform rated as reference case of smart water services



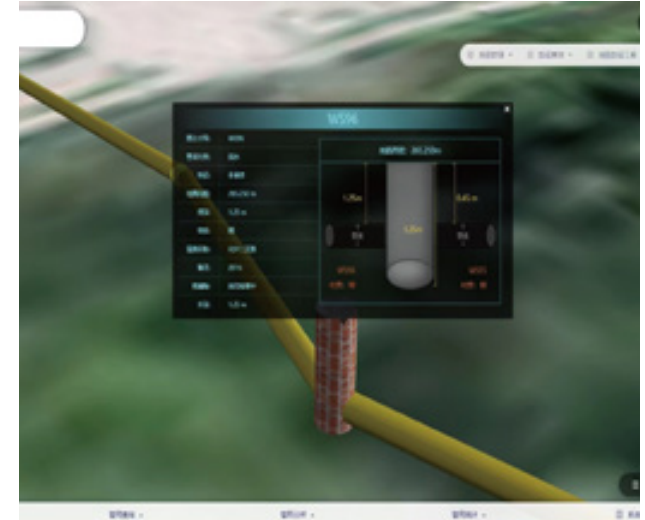
This award recognizes the JV's high-quality waste services to BASF's production facilities and sites in SCIP and beyond as well as its uninterrupted services during the COVID-19 lockdown to support the continuity of BASF's production operations in 2022. It also highlighted the JV's energy recovery practice and its commitment to sustainability in hazardous waste treatment.

SCIP SITA receives 'Indirect Purchasing Supplier of the Year Award' from BASF



Macao Water received two awards at the '12th Junzi Corporation Awards' organized by the Hang Seng University of Hong Kong. As the first enterprise in Macao to receive this award, Macao Water was recognized for upholding its core values of being honest, professional and socially responsible.

Macao Water wins Junzi awards



The Aquagile[®] 3D GIS System V1.0 developed by the Chongqing Environmental Excellence R&D Center was awarded a computer software copyright registration certificate by the National Copyright Administration of China (Registration No. 11335000). The system utilizes the new approach to manage the pipeline network so as to achieve both lean management and visual management.

Chongqing Environmental Excellence R&D Center successfully files for computer software copyright

Visits and exchanges



SUEZ delegates visit Deputy Mayor of Meishan City

On 8 May 2023, Francois Fevrier, CEO WATER & RR SUEZ Asia, visited Meishan City, Sichuan Province, during which he met with Deputy Mayor Dai Linli and had an in-depth discussion about SUEZ's wastewater treatment project in Meishan.



SUEZ takes part in China Water Summit Forum

Olivier Pison, Technical Officer of Digital Solutions, SUEZ Asia, was invited to the China (International) Water Summit Forum. At the 'China-European Water Platform Business Exchange Meeting', he shared SUEZ's digital transformation cases on water conservation.



SUEZ visits Sichuan Ecological Environmental Protection Industry Group for exchange

On 9 May 2023, Francois Fevrier, CEO WATER & RR SUEZ Asia, led a delegation to visit Liu Qiang, Chairman of Sichuan Ecological Environmental Protection Industry Group. They discussed about future business development opportunities for their joint venture Sichuan Development SUEZ Environmental Technology Company.



Tianjin Industrial and Information Technology Bureau visits SUEZ's waste collection facility in Paris

Gu Yunbiao, Deputy Director of Tianjin Industrial and Information Technology Bureau, led a delegation to visit SUEZ's waste collection facility in Batignolles, France.



SUEZ shares inclusion & diversity practices in EUCCC meeting

SUEZ was invited by the European Union Chamber of Commerce in China (EUCCC) to share our commitment and practices in promoting inclusion and diversity (I&D) in Asia, as part of a series of activities following SUEZ earning the 'Sustainable Business Award' (SBA) in 2022.



Macao Water and local organization hold 'Community Seminar on Water Safety'

Macao Water and the Women's General Association of Macau held the seminar on 30 June, introducing the 'Subsidy Program for Repairing Service Connections of Low-rise Buildings' and knowledge on water conservation to raise public awareness of the importance of water resources.



SCIP SITA holds meeting to update progress on the harmless disposal of PFOS-based firefighting foam

In order to assist the Shanghai Solid Waste & Chemical Management Technology Center in managing the disposal of PFOS, SCIP SITA held a briefing on 14 June 2023 to update the progress of the phase-out and harmless disposal of PFOS-based firefighting foam.



SUEZ takes part in Dung Quat Economic Zone Authority Management Board Industrial Investment Conference in Vietnam

SUEZ attended the Dung Quat Economic Zone Authority (DEZA) Management Board Industrial Investment Conference in Vietnam. The event was graced by more than 350 enterprises in the region, and SUEZ was given a speaking slot with the aim of raising awareness of SUEZ's presence in Southeast Asia.

SUEZ Asia Innovation Trophy 2022 winning projects sharing



Asia Grand Innovation

Low Carbon Design of ZLD Full Process Technology Solution and Application

E&C China

Due to the technology restriction in the past years, we could only achieve zero water discharge in wastewater treatment. The COD and brine were condensing and became solid in the treatment process. The solid product was identified as hazardous waste. The companies needed to bear high operational cost and disposal cost in the wastewater treatment process. With the advancement of technology, recycling and reuse of COD and salt in wastewater is becoming a trend. To make this possible, we need to tackle two issues - separating different contents in the solid product and removing the useless substances. By leveraging SUEZ's advanced technologies in wastewater pre-treatment, tertiary treatment and RO brine wastewater treatment, SUEZ Environmental Technology has adopted a combination process of biochemical pre-treatment + physicochemical pre-treatment + dual-effect fractional crystallization in the Suzhou Hengli Fiber ZLD Project, and integrated the Biofor DN and EBAC in the treatment process to tailor-make the best treatment process to achieve zero discharge while ensuring low operational cost and maintaining facility performance. The successful application of SUEZ's technologies in achieving zero discharge will further enhance SUEZ's competitiveness in the wastewater treatment market.



Best Promotion

Synergy Innovation for Densadeg Application

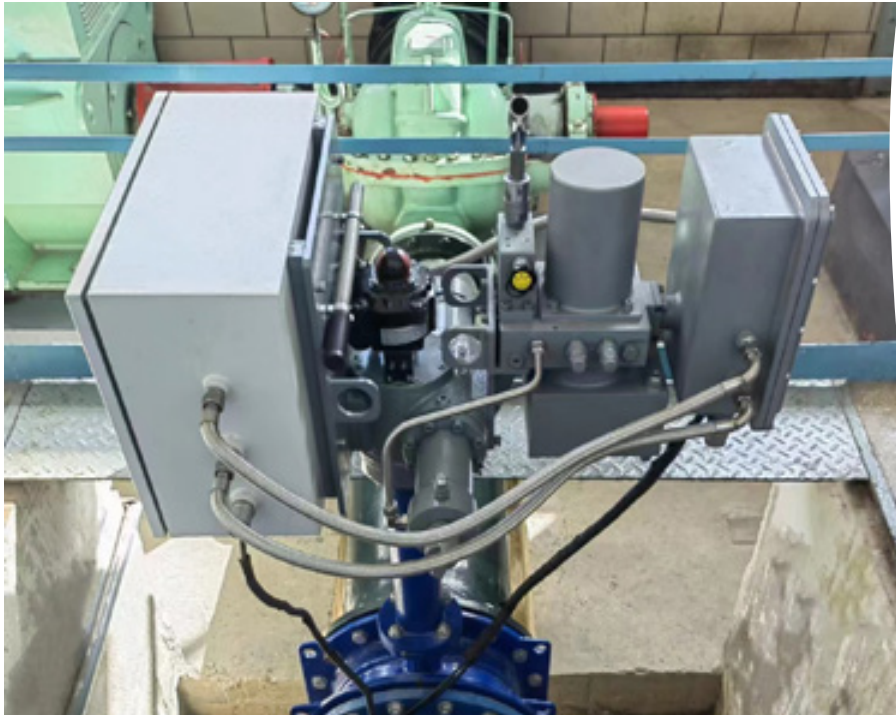
E&C China

Case 1: When we use the high-pressure air to clean suspended solids (SS) and plants on the surface of the lean tubes in the Densadeg tank, the water in the tank is of high turbidity and the treated water will not be qualified. To solve the problem, the project team clean the lean tubes in different time slots to control the SS. By adopting the same principle, the project team has designed its own device whereby the air pipe is connected to the sludge scrapper so as to clean the sludge in the Densadeg tank in different time slots. The device has been successfully applied in several SUEZ projects in China.

Case 2: Pertaining to the problem that the start-up speed of the Densadeg equipment is slower under low turbidity conditions, the project team has adopted an innovative solution of using sludge inoculation and rapid transfer of sludge from multiple Densadeg tanks, which significantly improves the performance of the Densadeg equipment.

Case 3: The project team needs to integrate the operational data from the source of sludge – the Densadeg tank of Bailong Port WWTP, to the control panel of the Shanghai Pudong Sludge project, to better control the production process. During the daily operation, the project team continuously eliminates useless parameters and increases commonly used parameters, which are finally organized into a highly practical portal page in the control panel.





Best Promotion

SDA Automatic Ash Cleaning Tool - Air Cannon

R&R - Sino-Singapore SUEZ

Ash accumulation and blockage of pipeline equipment in the SDA system is a common problem in solid waste incineration system. Due to the complexity and variability of the materials for incineration, it is difficult to root out the problem at source. Nowadays, it is mostly cleaned manually with high-pressure cleaning equipment at regular intervals when the feeding is stopped or under reduced load conditions. However, the safety risk is high due to the presence of high temperature fumes. For this reason, the project team developed a new cleaning model: installing air cannons in the upstream of the pipe section equipment that is prone to clogging caused by ash accumulation, and carrying out regular online blowing to remove the accumulated material before it forms hard lumps. The equipment works automatically and regularly to clean the residual with little or no safety risk. It significantly reduces the frequency of manual cleaning in the event of a feed stoppage, increasing plant utilization and reducing additional cleaning costs.



Best Innovation

Application of a New Power-Saving Equipment in the Water Supply Company

WO - Tanggu Sino French

In this project, a new type of electro-hydraulic integrated valve is used to upgrade the water supply pump station in the Xinqu WTP of Tanggu JV. The electro-hydraulic integrated valve integrates the functions of a water outlet valve and a check valve, and has other functions such as slow closure, non-return, water hammer reduction and pump linkage. Through operation test and data analysis and under stable network pressure, the new electro-hydraulic integrated valve can effectively eliminate the water hammer, reduce the head loss by 1.8-2.4 meters, and reduce power consumption of the pump unit by 3%-5.3%. The project not only reduces operating costs of water suppliers but carbon emissions as well, and therefore has high application and promotional value.



Summary of SUEZ Asia Innovation Trophy 2023 registration

Thank you for your participation in the SUEZ Asia Innovation Trophy 2023. This year, we have received a total of 208 innovation project entries.



208

innovation projects



190

qualified entries



~870

persons involved



26

JVs participated

In its new strategy, SUEZ intends to differentiate through its recognized leadership in innovation. In our new organizational structure, the innovation department is recognized as one of SUEZ's differentiation units. SUEZ is committed to increasing investments in innovation.

In Asia, we remain unwavering in pushing innovation forward, through which we create value over the entire lifecycle of assets and services. The annual innovation trophy event is a best practice to promote innovation. After several editions, our colleagues are still passionate about innovating new ideas and practices. We should be proud of ourselves and every innovation portioner who has contributed to the Group's innovation and development.

In the next step, we will evaluate the 190 qualified entries and give recognition to selected ones to maximize project value. The results will be announced in November 2023.

INNOVATION INSPIRES NEW GROWTH



World Environment Day



On 5 June, SUEZ and its joint ventures organized many World Environment Day activities to enhance public awareness of environmental protection.

1. Environmental education for staff and their kids at Chongqing Changshou Sino French
2. Plant Open Day at Chongqing Sino French Water
3. Chongqing Environmental Excellence R&D Center DIY eco-bags
4. Plant Open Day at Jiangsu Sino French Water
5. SCIP Sino French staff clean up the community



1



2



3



4



5

We care for the environment



Francois Fevrier named 'A Leading Voice for Nature'

The global coalition 'Business for Nature', that brings together business, conservation organizations and forward-thinking companies, has nominated Francois Fevrier, CEO WATER AND RR SUEZ Asia, as 'A Leading Voice for Nature'. The nomination took place at an International Biodiversity Day event organized by the Ministry of Ecology and Environment of China. It recognizes SUEZ's efforts in creating positive nature impact.



Chongqing Sino French Water cleans trash along the riverbanks

Volunteers from Chongqing Sino French Water collected trash along the banks of Jialing River, translating their commitment to environmental protection into action.



SUEZ Singapore Office organizes river clean-up

The SUEZ Singapore team, with the assistance of the Waterway Watch Society, went to Singapore's famous Kallang River for a day of litter-picking. Once the clean-up was completed, the gathered waste was sorted and sent for recycling. Some of our colleagues rode bikes instead of driving cars, a move to reduce carbon emission.



Sino-Singapore SUEZ organizes summer eco-study camp

On 12 July, the National Low Carbon Day, Suzhou Ecological Environment Bureau organized a summer eco-study camp on 'green and low-carbon lifestyle' starting with Sino-Singapore SUEZ's hazardous waste disposal project. 15 families visited the Waste-to-Energy plant to learn about the JV's various environmental initiatives.

We care for the community



SCIP SITA assists in destruction of drugs seized in recent years

On World Drug Day on 26 June, Shanghai organized a publicity campaign on the fight against drug abuse and illicit trafficking. SCIP SITA assisted the Shanghai Municipal Public Security Bureau in destroying all kinds of drugs and drug precursors seized in recent years. CCTV and SMG provided live coverage of the entire disposal process.



SCIP Sino French promotes farming culture

SCIP Sino French staff participated in farming activities organized by local villages. The staff planted vegetables in small plots, visited flower nurseries, and learned flower arranging to experience the hard work of cultivation involved in agriculture in an effort to promote farming culture to the public.



Jiangsu Sino French Water conducts smart meter pilot program for the elderly

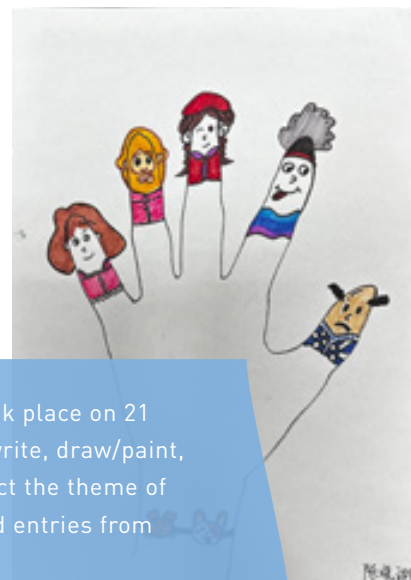
In June, Jiangsu Sino French Water conducted a smart meter pilot program in a local community to install smart meters for elderly residents living alone. The smart meter's real-time water consumption analysis feature can automatically alert community staff to check on the elderly in case of unusual water consumption patterns.



Macao Water promotes inclusion and diversity to visually impaired group

To demonstrate support for Global Accessibility Awareness Day (GAAD), every May, Macao Water invites members of the Rehabilitation Affairs Committee, along with the activity coordinator and audio-describers of the Rehabilitation Center for the Blind of the Macao Holy House of Mercy to share their thoughts. This helps the staff of Macao Water better understand the challenges and support the visually impaired so they can contribute to a harmonious and inclusive society.

SUEZ Asia celebrates World Day for Cultural Diversity



To celebrate the World Day for Cultural Diversity which took place on 21 May, SUEZ ran a campaign to invite its staff's children to write, draw/paint, make videos, take photos or create catchy slogans to reflect the theme of "How do our children view cultural diversity?", and received entries from many colleagues.

Anti-Corruption Rules

Acts of corruption are illegal and unethical. They are contrary to the Group's ethical values and would seriously damage the reputation of the Group. They would jeopardize the Group's global businesses in both public and private sectors. Corruption can be direct or indirect. It also can be active or passive. Corruption can materialize through gifts or any other advantages, whether financial or not and irrespective of their value.

Any questions, please email to ethics.asia@suez.com

Case Study:

A bidding process is ongoing, and I know that the daughter of a director of the company having launched the bid is looking for an internship. It seems that if we hire her as a trainee, we will have a better chance to be awarded the contract.

Should I do it?

You cannot hire a potential client's employee or director's relative or friend, in order to increase the chance of being awarded a contract.

It is active corruption, even if it is not a financial, tangible and direct advantage.



any questions, please send email to:
ethics.asia@suez.com

SUEZ acts on National Safety Month



June is China's safety production month. China emphasizes the importance of production safety. This year's theme is 'Safety awareness and emergency response skills for all'. SUEZ and its joint ventures, such as Chongqing Sino French Water, Nanjing Wastewater, Zhuhai Gaolan Port, Wuhan Sino French, Chongzhou Sino French, SCIP SITA and Sino-Singapore SUEZ, organized a plethora of activities to enhance the staff's safety awareness, including confined spaces and fire drills, safety trainings and safety knowledge quizzes.



Promote SUEZ Ten Life-Saving Rules Achieve ZERO severe and fatal accident

The Life-Saving Rules are related to the main risks in our jobs and following these rules saves lives: both yours and those of others!

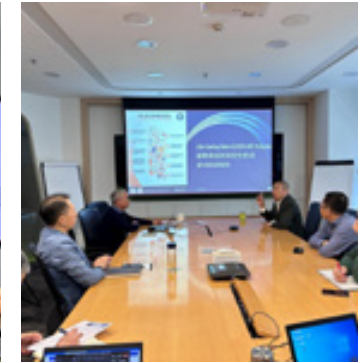
Everyone has a role to play!

Let's be vigilant for ourselves and also for others.

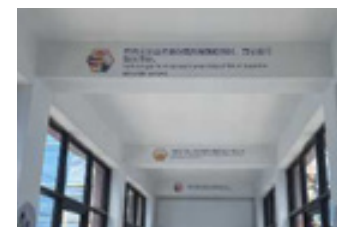
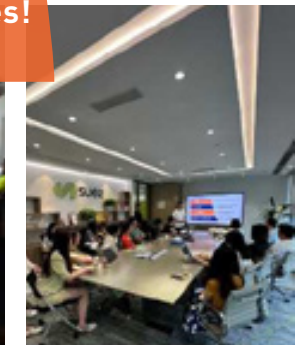
Let's stop situations that seem dangerous, so that everyone can work safely.



1. I stay away from lifting areas and areas where there is a risk of falling objects or loads.
2. I stay out of the path of moving vehicles, plant and equipment.
3. I ensure I am always protected from the risk of falling from height.
4. I only enter an excavation that has appropriate measures against ground collapse.
5. In the presence of a potentially dangerous atmosphere, I test it before entering the area and I monitor it throughout my activity.
6. I will only perform hot work when risks of fire or explosion are under control.
7. I ensure sources of energies (electrical, mechanical, hydraulic, thermal, chemical, pneumatic) are securely isolated and controlled before and during the operations.
8. When driving or operating equipment, I avoid phone calls and I don't handle devices.
9. I never work under the influence of alcohol or drugs.
10. I signal and check potential blind spots before maneuvering.



**Together, let's learn and
follow the life-saving rules!**



SUEZ ASIA XPRESS

苏伊士 亚洲快讯

A U T U M N 2 0 2 3

EN English version

中 中文版



苏伊士在上海化学工业区 又一危废处置项目成功投产

2023年7月3日，由苏伊士与上海化学工业区、上汽集团、上海石化共同投资4.5亿元人民币建设的上海化工区安悦苏伊士危废处置项目正式投产。该项目的投产标志着苏伊士在上海化学工业区内的危废焚烧处理能力由目前12万吨/年增加至16万吨/年，彰显了合作各方在危废处理及资源循环利用领域开展的深入合作，也是苏伊士与合作伙伴共同推动生态转型的重要里程碑。





安悦危废处置项目处置能力

4 万吨 / 年



废转能每年回收的能量

1.7 万吨标煤当量

安悦项目是为满足上海化学工业区、上汽集团、上海石化及其他不同生产企业日益增长的危废处置需求而重点投资建设的项目，年处置能力达 4 万吨，能应对危险废弃物处理的复杂性并满足未来日益严格的环境排放标准。

安悦项目的处理设施提高了焚烧炉相应设计要求并设置专门的装置，使各类排放能够符合欧盟最严格的排放标准。智慧管理系统实现了储存和数据分析的自动化，并扩充了高风险废料预处理能力，从而进一步提升危废处置的全过程安全管理，确保长期稳定、富有弹性的运作，满足园区和客户需求。此外，项目通过能源回收装置将焚烧产生的热能供给园区中的企业，每年回收的能量能够替代燃烧标煤 1.7 万吨。该项目将成为减污降碳循环发展的又一典型示范案例，进一步助力上海化学工业区成为中国最具代表性的绿色工业园区。

苏伊士赢得新项目

01



为北京海淀区建设智慧海绵城市

苏伊士为北京海淀区提供智慧城市治理“一网通管”系统，通过整合、分析海绵设施相关基础数据、项目建设信息、在线监测数据、排水模型等，实时监测排水管网运行状态；结合监测数据和模型模拟，全方位计算海绵城市相关指标；并从多个维度进行综合分析，衡量海绵城市建设和运行成效；找出薄弱环节，保障海淀区海绵城市建设的可持续发展。



02



为扬州高邮经济开发区工业污水处理厂提供设备及技术服务

苏伊士为位于江苏扬州高邮经济开发区的工业污水处理厂提供 Densadeg™ 高效沉淀池及 Oxyblue® 臭氧 - 生物滤池工艺设备供货及相关技术服务，确保出水符合当地最高的排放标准，以改善城市的整体环境和提升园区竞争力。污水处理厂设计规模每日 3 万立方米，主要处理经济开发区内的高性能电池、高端装备、光伏产业排放的废水。

苏伊士在亚洲的第七个研发中心启用

由苏伊士及其合作公司江苏中法水务、江苏常熟新材料产业园和江苏省环境科学研究院组建的江苏氟化物污染治理研发中心在 2023 年 6 月 5 日揭牌。该中心由江苏中法水务运营，专注于水体除氟、含氟废水循环再利用的研究，探索氟化物污染治理方案。



新昌中法饮用水处理扩建项目投运



2023 年 7 月 11 日，合作公司新昌中法辖下龙山水厂饮用水处理扩建项目竣工，日处理能力增加 1.5 万立方米。项目投运后水厂的总处理量达 13.5 万立方米 / 日，将有效缓解夏季高峰供水的压力，保障当地供水稳定。出席通水仪式的嘉宾包括新昌县政府领导李一峰、新昌县水务集团董事长、总经理张新贵以及苏伊士中国水务运营总裁范晓军。



苏伊士全球创新日

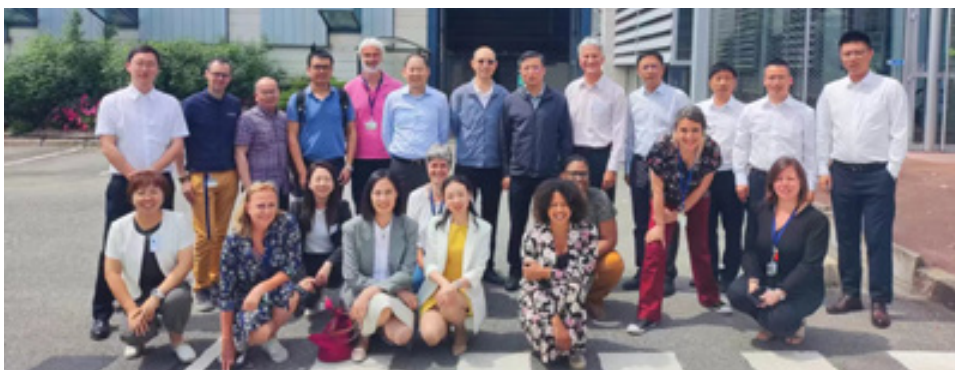
2023年6月19日-20日，苏伊士在法国巴黎与全球来自20个国家逾600位客户、合作伙伴、集团的专家、数据科学家、科研人员和记者齐聚一堂，共同参加苏伊士2023年全球“创新日”活动，共享创新成果。创新日活动包括苏伊士全球多个业务单元在现场展示创新解决方案以及参观苏伊士于40年前在巴黎建立的专注于水和环境的国际研究中心（CIRSEE）以及当地的水务和固废处置项目。





携手合作伙伴共同创新

在亚洲，苏伊士的合作伙伴、重要客户和记者应邀到巴黎参加创新日活动，并在专属的展示区带来两大具有代表性的创新案例：循环与可持续的工业园区解决方案—上海化学工业区以及可靠、可持续、环境友好的盛虹石化项目。



苏伊士参加 2023 年新加坡国际水周聚焦论坛

新加坡国际水周聚焦论坛在 2023 年 6 月 4 日-7 日举行。来自水务行业约 300 位代表获邀参加论坛，共同探讨公用事业应对气候变化的解决方案以及分享成功的合作案例。

苏伊士亚洲地区水务和固废资源管理首席执行官恒业以及苏伊士东南亚总裁付文凯出席论坛，与亚洲的合作伙伴、同行以及政府代表交流，并分享苏伊士在水务的先进技术和管理经验。



苏伊士集团董事长兼首席执行官苏冰岚出席中法经济合作交流会的



巴黎时间 2023 年 6 月 21 日，中国国务院总理李强对法国进行访问，并在巴黎出席中法工商界晚餐会。法国经济、财政及工业、数字化管理部长勒梅尔和 100 多名两国工商界代表出席晚餐会。苏伊士集团董事长兼首席执行官苏冰岚受邀出席晚餐会以及此前举行的中法经济合作交流会的。会议期间，苏冰岚与上汽

集团、宁德时代、国药集团、远景集团等公司的主要负责人就循环经济、绿色低碳转型、科技创新、潜在合作领域等话题进行深入交流。苏伊士亚洲高级副总裁孙明华陪同出席活动。

苏伊士参加 2023 年澳门国际 环保合作发展论坛及展览



8月17日 - 20日 · 澳门

作为澳门整座城市的水务服务运营商，苏伊士及旗下合作公司澳门自来水围绕展会主题“推动绿色创新，共建生态文明”展示了其在澳门的智慧化解决方案，携手澳门特区政府共创绿色低碳新时代。苏伊士及澳门自来水已连续 15 年参与该国际性的环保主题交流平台。





我们展位中的大型摆设及家具均重新利用了上届展会展台的剩余物料，获大会嘉许为环保展台。



苏伊士和澳门自来水的代表在展会上与来自大湾区和中国其他城市的重要客户和合作伙伴会面。



苏伊士工程及基建污水处理专家 Adriana Gonzalez Ospina 在大会绿色论坛“探寻空污、固废和污水创新治理之道”分享了苏伊士如何应对污水微污染物。



苏伊士亚洲在集团 全球管理团队大会中 获两项大奖



销售奖



职安健奖

苏伊士管理团队大会在巴黎召开，来自全球 250 位管理者共同回顾集团过去的业绩表现，并讨论未来的发展大计。在大会上，集团对在创新、绩效、职安健、销售以及财务方面表现卓越的团队和项目进行嘉奖。苏伊士亚洲获得五项大奖中的两项——职安健奖和销售奖。

◀ 万华化学集团蓬莱海水淡化项目

这是我们长期对大客户进行管理的成果。通过把苏伊士客户优先的优质服务理念融入到万华的业务发展中，我们建立了可持续的合作伙伴关系。自 2017 年起，苏伊士交付给万华的四个合同证明了苏伊士强大而可靠的本地项目交付能力，这一点得到了万华的极大肯定。苏伊士环境科技与总部苏伊士工程建设之间的良好合作有效利用了集团丰富的海水淡化经验，同时依托可信赖的本地服务，在疫情期间为万华提供了富有竞争力的解决方案。该海水淡化厂建成后，将为万华提供每日 10 万立方米高标准、稳定的工业用水，每年可节约超过 3,600 万立方米的淡水资源，并保护当地海域的生物多样性。

◀ 苏伊士环境科技

过去 10 多年没有发生严重安全事故

此奖项是嘉许苏伊士环境科技十多年来始终安全运营，没有发生严重的事故。得益于苏伊士管理体系中成熟的职安健体系和管理办法（苏伊士环境科技每年在不同地区执行 40 多个工程建设项目）、苏伊士环境科技管理团队在职安健方面的卓越领导力（积极参与职安健培训、活动和进行现场巡视）以及员工的职安健承诺，苏伊士环境科技才得以以创新的方式高效地实施集团和苏伊士亚洲的职安健政策和计划。通过苏伊士环境科技每一位员工的共同努力，我们取得十年安全生产运营的佳绩。显然，职安健已根植于企业文化当中，成为每个人日常行为的一部分。

苏伊士获北京市外资研发中心资质认证



会后，方恒业与北京市朝阳区区长吴小杰进行了会谈。双方围绕苏伊士环境科技在北京投资发展以及未来环保领域合作机会等方面进行了深入交流。

苏伊士获多个奖项



在6月5日世界环境日，合作公司中新苏伊士获得由苏州工业园区生态环境局颁发的“2022年度环保示范性企事业单位”荣誉牌匾，以嘉许其为苏州及周边客户提供安全、稳定和可靠的固废处理服务。

中新苏伊士获选
“环保示范性企事业单位”



在6月29日由三亚环投集团主办的三亚市供水排水行业职业技能大赛中，三亚中法获得“供水管道工”团体赛冠军，客户部水表科的员工赢得供水管道工“技术能手”冠军荣誉。这充分体现了合作公司员工卓越的职业技能。

三亚中法赢得三亚市供水排水行业
职业技能大赛双冠军



6月13日，在住房和城乡建设部科技与产业化发展中心举办的首届智慧水务创新发展论坛上，江苏中法水务的“‘智水琴川’高质量发展运管平台”入选“2022年智慧水务典型案例”，体现了合作公司在智慧水务领域的领先水平。

江苏中法数字化运管平台获评
智慧水务综合类典型案例



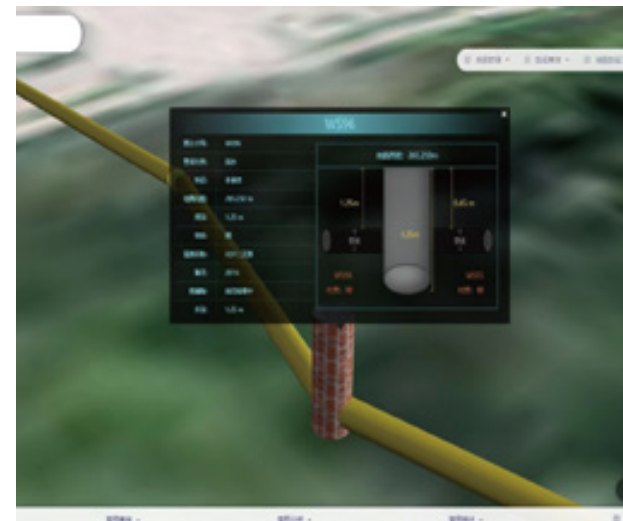
此奖项肯定了合作公司在过去一年为巴斯夫在化工区内外的生产基地和工厂提供了优质的固废处置服务，且在疫情期间提供不间断的服务，保障巴斯夫正常生产运作；尤其重要的是合作公司在危废处置过程中实现能源回收、践行可持续发展。

上海化工区升达获巴斯夫颁发
“间接采购年度供应商奖”



澳门自来水在香港恒生大学举办的“第十二届君子企业大奖”中获得“君子企业智德典范奖”和“君子企业奖”，表扬企业在生产经营中诚信、专业以及积极履行社会责任。澳门自来水是该评选活动中首个获奖的澳门企业。

澳门自来水获
“君子企业智德典范奖”及“君子企业奖”



由合作公司研发的“Aquagile® 3D GIS 管网三维可视化管理系统 V1.0”获得国家版权局颁发计算机软件著作权登记证书（软著登记第 11335000 号）。该系统是管网科学化管理的新方法，实现供水管网的精细化和可视化运营管理。

重庆环保研发中心获
计算机软件著作权登记证书

互访交流



苏伊士代表拜访眉山市副市长

2023年5月8日，苏伊士亚洲地区水务和固废资源管理首席执行官方恒业到访四川省眉山市，与眉山市副市长戴林莉就苏伊士在眉山的污水处理项目的合作进行深入交流。



苏伊士参加水务高峰论坛

苏伊士亚洲地区数字化解决方案技术总监毕奥理获邀参加中国（国际）水务高峰论坛中欧水资源交流平台商务交流会，并介绍了苏伊士的水资源保护数字化转型案例。



苏伊士与四川省生态环保集团交流会

2023年5月9日，苏伊士亚洲地区水务和固废资源管理首席执行官方恒业一行与四川省生态环保产业集团董事长刘强在成都会晤，共谋合作公司四川发展苏伊士环境科技有限公司的未来发展机遇。



天津市工业和信息化局代表团参观苏伊士在巴黎的垃圾回收设施

天津市工业和信息化局副局长谷云彪一行参观考察苏伊士在巴黎巴蒂尼奥勒的垃圾回收设施。



苏伊士获中国欧盟商会邀请分享多元共融举措

在获得 2022 年度“可持续商业大奖”后，苏伊士获中国欧盟商会邀请，分享集团推动多元共融的举措。苏伊士亚洲地区首席人才官陈玉国分享了成立苏伊士亚洲女性联盟推动性别平等的例子。



上海化工区升达召开含 PFOS 泡沫灭火剂无害化处置推进会

为协助上海市固体废物与化学品管理技术中心对上海市 PFOS 处置进行管理，于 2023 年 6 月 14 日，合作公司上海化工区升达召开上海市含 PFOS 泡沫灭火剂淘汰和无害化处置工作推进会，汇报了报废 PFOS 泡沫灭火剂的处置方案。



澳门自来水与当地社团合办供水安全小区座谈会

澳门自来水与澳门妇女联合总会于 6 月 30 日合办供水安全小区座谈会，会上分别介绍低层楼宇总供水设施维修资助计划、节水和用水小知识等，借此提高市民珍惜水资源的意识。



苏伊士参加越南佟荃经济开发区管理委员会工业投资会议

苏伊士参加越南佟荃经济开发区管理委员会工业投资会议。超过 350 家越南及周边国家的企业参加大会。苏伊士在会上向与会者介绍其在东南亚的业务发展情况。

苏伊士亚洲 2022 年创新奖 获奖项目分享



亚洲最高创新奖

低碳零排放全流程解决方案及其应用

苏伊士环境科技

因早年处理技术有限，污水处理往往只能实现水的零外排，但水中 COD 等杂质和盐分在浓缩过程中不断累积，最终富集于结晶盐中（混盐），系统产出的结晶盐通常会被鉴定为危废。企业需要承担极高的运行和处置费用。随着技术的进步，废水中盐分的资源化利用已经成为新建零排放项目的主流趋势，但需要解决不同结晶盐组分的分离和杂质的去除两大难题。苏伊士环境科技结合自身在废水预处理、深度处理、RO 浓盐水达标排放处理的技术优势，在苏州恒力化纤零排放项目上首次采用了生化预处理 + 物化预处理 + 双效分质结晶的组合工艺，首次将 Biofor DN、EBAC 等单元应用于废水零排放工程中，执行过程中充分考虑单元间的合理结合，在运行成本和处理性能上寻找最优解决方案，解决了实现零排放的两道难题。零排放处理线的成功应用将提高苏伊士在水处理领域的竞争力。



推广应用奖

高密池协同创新的应用

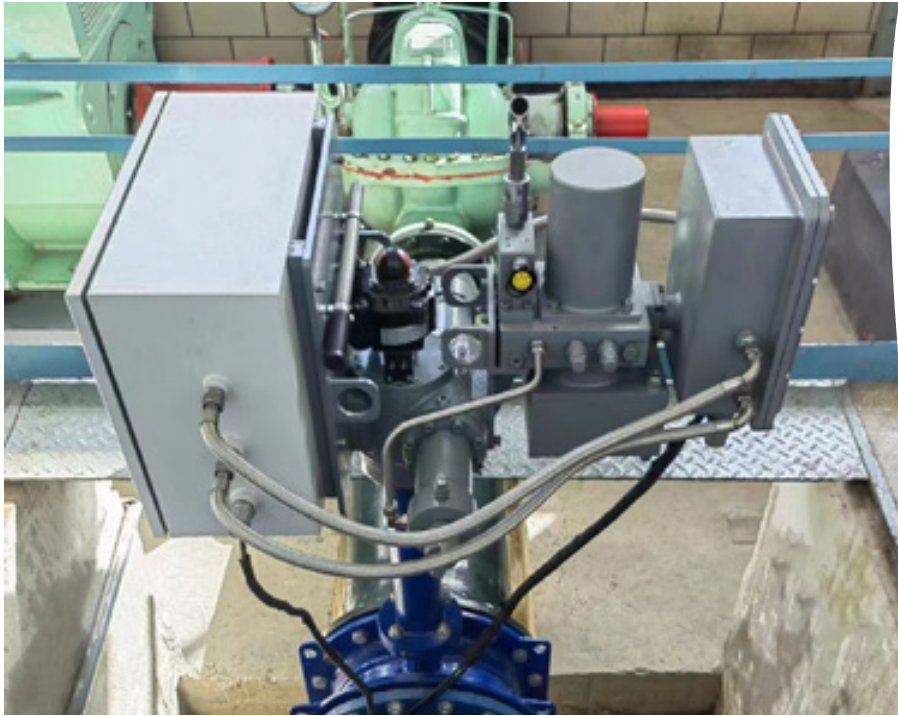
苏伊士环境科技

案例一：高密池使用斜管冲洗系统，利用空气对高密池斜管表面的浮泥、青苔等杂质进行冲洗。过程中，高密池出水浑浊，可能造成出水固体悬浮物超标的情况。为了解决该问题，项目组采用分阶段，分时反冲斜管的方法，控制高密池出水固体悬浮物，既冲洗了斜管，又能够控制高密池出水指标在合理范围之内。在该创新理念的指导下，项目组在洋湖三期项目已经研制出分段冲洗使用的冲洗分区定位器，在刮泥机上通过连接气管实现污泥冲洗，并把该设备成功应用于苏伊士在中国的多个项目。

案例二：针对高密池在低浊情况下启动速度较慢的情况，采用污泥接种和多座高密池污泥快速转移的创新方案，大大提高了高密池的工作效率。

案例三：为方便运营和交流，项目组对上海浦东污泥焚烧项目的分控画面进行整理，加入污泥来源地白龙港污水厂高密池的数据。过程中，不断淘汰无用参数，增加常用参数，最终整理成一张实用性较强的主控画面。





最佳创新奖

SDA 自动清灰利器—空气炮

固废资源管理 - 中新苏伊士

SDA 系统管线设备积灰堵塞，是固废焚烧系统经常出现的问题。由于处置物料复杂多变，很难在源头根治。当前处理方法，多为在停止进料或降负荷条件下，用高压清洗设备定期人工清理。由于高温烟气的存在，安全风险很高。为此，项目组开发了一种全新的在线清理模式：在容易积灰造成堵塞的管段设备上安装空气炮，进行定时在线吹扫，将积料在结成硬块前清除。空气炮自动清理，几乎没有安全风险。使用该设备后，大幅度减少在停止进料下人手清理的频率，提高装置利用率，也减少额外清理费用。



最佳创新奖

一种新型节能设备在供水企业的应用

水务运营 - 塘沽中法

本项目采用一种新型电液一体阀对塘沽中法新区水厂送水泵房进行升级改造。该电液一体阀集出水阀及止回阀功能于一体，具有缓闭、止回、减少水锤及同水泵联动的功能。通过运行试验及数据分析，应用了此新型电液一体阀后，在保证管网压力稳定的情况下，有效消除水锤，降低水头损失 1.8-2.4 米，降低送水电耗 3%-5.3%。本项目一方面能有效降低供水企业的运行成本，另一方面帮助降低供水企业的碳排放，具有较高的应用和推广价值。



2023 年苏伊士亚洲创新奖 报名情况总结

感谢大家积极参与 2023 年苏伊士亚洲创新奖，今年，我们共收获了 208 个创新项目。

 **208** 个
创新项目

 **190** 个
初选后的合格项目

 **870** 人次
参加今年创新奖

 **26** 家
合作公司参与

在苏伊士新的发展战略中，集团力求通过在创新方面获得公认的领导地位来实现差异化发展。因此在苏伊士新的组织架构上作了相应调整，把创新部门列为推动集团实现差异化发展的三个部门之一，并承诺加大对创新的投资力度，足见集团对创新的重视。

在亚洲，我们将一如既往推动创新，通过创新为客户在资产和服务的全生命周期内创造价值。每年的创新奖活动就是我们推动创新的最有效实践。经过多年的活动后，同事们的创新意识还是源源不断，创新的热情仍然高涨，也为每一位亚洲的创新参与者为推动集团的创新发展贡献力量而感到自豪和骄傲！

接下来，我们将从 190 个合格项目中评选出具有创新价值的项目，并把创新的价值最大化。结果将于 2023 年 11 月公布。



创新激发成长

世界环境日活动



苏伊士及旗下多家合作公司在6月5日举办世界环境日活动，增强公众的环保意识。

1. 重庆中法长寿亲子活动

2. 重庆中法水务水厂开放日

3. 重庆环保研发中心创作环保袋

4. 江苏中法水厂开放日

5. 上海化工中法员工清洁社区



1



2



3



4



5

我们热爱环境



方恒业获商业自然联盟颁发“自然使者”证书

汇聚具有影响力的组织和前瞻性企业的国际联盟“商业自然联盟”提名苏伊士亚洲地区水务和固废资源管理首席执行官方恒业为“自然使者”，并在全球生物多样性日由中国生态环境部组织的颁证仪式上获颁证书。这充分肯定了苏伊士为保护自然环境所作出的努力。



苏伊士新加坡办公室组织河道清洁活动

苏伊士新加坡办公室在河道监察协会协助下组织员工清洁加冷河的垃圾。同事们把收集到的垃圾进行分类，并送往回收中心循环再用。活动过程中，参与的同事们以自行车代步，践行绿色出行，为节能减排贡献一份力量。



重庆中法水务组织员工清理江边的垃圾

合作公司重庆中法水务组织员工在嘉陵江畔捡拾垃圾和进行环保宣传，以实际行动保护环境，促进人与自然和谐共生。



中新苏伊士组织生态研学之旅

在7月12日“全国低碳日”，苏州市生态环境局举办“绿色生活低碳行”暑期生态研学之旅，并以中新苏伊士危废处置项目作为第一站。15组家庭参观了合作公司中新苏伊士的废转能设施，了解各项环保举措。

关爱我们的社区



上海化工区升达协助销毁近年缴获的毒品

6月26日是国际禁毒日，上海举行禁毒宣传活动。合作公司上海化工区升达协助上海市公安局销毁近年来缴获的各类毒品和制毒化学品。中央广播电视台和上海文广传媒全程报道处置过程。



上海化工中法携手社区共推农耕文化

合作公司上海化工中法参加当地农村组织的农耕活动，在小菜园种植蔬菜、参观花卉基地和开展插花活动，体现农耕的辛劳和收获，以此向公众推广农耕文化。



江苏中法水务推行智能水表老人关怀试点项目

6月，合作公司江苏中法水务在当地一社区实施智能水表老人关怀试点项目，为独居长者安装智能水表，利用实时水量分析功能，在异常用水量的情况下自动报警通知社区工作人员上门查看长者的情况。



澳门自来水举办认识视障人士及口述影像分享会

为响应每年五月的全球无障碍宣传日，澳门自来水邀请复康事务委员会委员、仁慈堂盲人重建中心活动协调员及口述影像员进行分享，让员工加深对视障人士的认识，了解如何为他们提供协助，共同构建和谐共融的社会。

苏伊士在亚洲举办活动庆祝世界多元文化日



2023年5月21日是世界多元文化日，苏伊士在亚洲以“孩子眼中的多元文化”为主题，邀请孩子以文字、画画、拍照、制作短片、创作口号等形式推广多元共融。活动得到多位同事及其孩子支持，提交了多个作品。

苏伊士反腐败规定

腐败行为是违法和不道德的，与苏伊士集团的道德价值观背道而驰。腐败行为严重损害集团声誉，影响集团在全球的公共和私营业务。腐败可以是直接或间接的，也可以是主动或是被动的。腐败是以送礼或收礼的方式，或者其他任何方式，提供或获得非法的好处。不论是否与金钱有关，也不论价值多少。

如有任何疑问，请电邮至 ethics.asia@suez.com

案例

投标正在进行，我知道招标公司一位董事的女儿正在寻找实习的机会。如果我们聘用她为实习生，那么我们获得合同的机会似乎会更大。

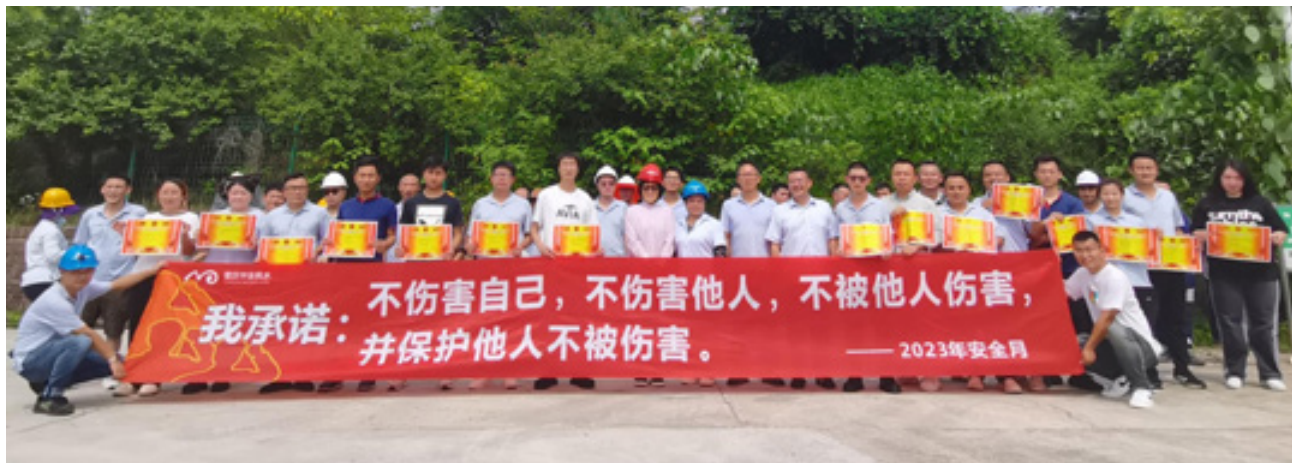
我应该怎么做呢？

你不能为获得合同而雇佣潜在客户的员工或者董事的亲戚朋友。尽管这并不是提供直接、有形的钱财利益，但也是一种主动的贿赂行为。



如有任何疑问，请电邮至：
ethics.asia@suez.com

苏伊士响应全国“安全生产月”



6月是中国“安全生产月”，今年的活动主题为“人人讲安全，个个会应急”。苏伊士及辖下多家合作公司重庆中法水务、南京污水、珠海高栏港、武汉中法、崇州中法、上海化工升达和中新苏伊士等举办多项活动，包括密闭空间和消防演练、安全培训、安全知识竞赛等，以提升员工职安健意识。



推广苏伊士十大救命法则 实现零严重事故及零致命事故

苏伊士依据现场的主要风险制定了十大救命法则，遵守这些法则可以拯救生命：
包括你和你身边的人！

关注职业健康安全，你我做得到！

让我们共同保持警惕，叫停危险作业，保障作业场所的安全！



1. 远离吊装作业和任何存在坠物风险的区域。
2. 远离车辆和设备的行驶路径。
3. 确保防护措施到位，避免高处坠落。
4. 不要进入缺少有效预防坍塌措施的开挖现场。
5. 进入可能存在有害气体的场所前，进行气体检测并在作业过程中持续监测。
6. 只有火灾或者爆炸风险得到控制时，方可进行动火作业。
7. 作业前和作业期间，确保所有能量源已经安全隔离并得到有效控制。
8. 驾驶车辆或操作设备时不要打电话，并避免操控无关设备。
9. 不要在酒精或药物的不利影响下工作。
10. 在转弯或倒车时正确使用灯光，并关注可能的视觉盲区。



推广救命法则，
我们在行动！

