OUR WATER CAPABILITIES IN CHINA
Arcadis is a global natural and built asset design and consultancy firm working in partnership with clients to deliver sustainable outcomes that help to improve the quality of life. Through the work that we do, we are helping our clients to address the toughest challenges within the built and natural environments, delivering value for them and the communities and cities that we live in.

Throughout the globe we employ more than 28,000 consultants in more than 40 countries and deliver more than €3 billion in revenue. Within Asia we have access to almost 6,000 people based in over 50 offices across the region and enjoy a successful history dating back more than 80 years. Within Asia we have a dedicated team of environmental and safety & risk management experts across a number of locations including China, India and the Philippines. In China we have offices in Beijing, Shanghai and Hong Kong. We also have a number of strategic alliance partners which enable us to combine global expertise and technical solutions with in-depth local market insight.

About Arcadis

Water is one of the essential elements that supports human beings. Due to the relative shortage of water resources as well as the huge depletion of water that comes with the rapid development, water scarcity in China becomes more and more serious. Poor quality of water environment, severely damaged water eco-systems, and depleted aquifers are all affecting human health and environmental receptors.

China’s leadership recognised these challenges and is determined to start taking corrective actions. In April 2015, the government’s release of the Water Pollution Prevention and Control Action Plan, was intended to impose strict supervision and rigid punishment systems against violations in waste water treatment, and discharge. The ultimate goal to promote water ecological protection and water resource management is to completely realise the win-win situation for the benefit of the environment, economy and society.

“With a growing global footprint, we connect clients to more than 2,000 water professionals worldwide. Arcadis delivers results through an international network of locally-led teams with access to industry-leading expertise providing instant access to smart solutions, emerging technologies, custom-made approaches and a high level of confidence on how best to solve the most challenging problems in water today, and tomorrow.”
WE PROVIDE SUSTAINABLE AND FULL-CYCLE WATER SOLUTIONS

OUR TEAM FOCUS ON HELPING OUR CLIENTS TO:

- Provide safe water and protect the environment
- Move water reliably and efficiently to solve our clients' distribution, collection and drainage needs
- Enhance the quality, safety and adaptability of urban and coastal, riverine and delta ecosystems
- Provide better business outcomes through effective water supply, treatment, management and conveyance solutions

“As climate change causes sea levels to rise, precipitation patterns to change and storm systems to intensify, governments face new challenges in water management, and protecting the valuable assets situated in the world's river deltas and flood plains is becoming a new priority. With more than a century of experience in water management in the Netherlands and abroad, and with our recent experience in the development and construction of the new Hurricane Protection system in New Orleans, our water management engineers can provide a broad range of solutions from economically driven hard infrastructure to tidal-embracing ecologic alternatives.”

1 WATER SUPPLY AND TREATMENT

With our Water Supply and Treatment expertise, we help to ensure adequate and safe water supply and treated waste water at a reasonable cost for communities around the globe by:

- Identifying, developing, securing, protecting and treating surface and groundwater water resources
- Optimising operations to reduce costs (energy, chemicals & labour) and minimise wastes
- Evaluating and developing hydropower potential
- Anticipating and managing risks to utilities
- Managing capital programmes
- Leading guaranteed outcomes for our clients through alternative delivery approaches.

2 WATER MANAGEMENT

We aim at enhanced quality, safety and adaptability of urban and natural water system, coastal, riverine and delta ecosystems. We help to solve the problems of our clients in coastal, rivers, open water system and cities. We protect urban population centers, assets and enhance natural environment.

- For Big Cities we deliver climate adaptation programs such as the “Sponge City” in China. We look at future climate proof built urban environment, provide solutions on prevention of pluvial flooding and water quality issues, and design green infrastructure, future proof sewerage, water storage and water quality measures.
- For River catchments, we deliver river flood protection systems where necessary that have proven to be effective. We create room for the river authorities to improve resiliency of their communities and assets and help them to turn climate adaptation from a threat into an opportunity.
- For Costal and Delta Cities, we deliver flood protection systems that have proven to protect cities adequately, improve resiliency of urban communities and their assets and help cities to turn climate adaptation from a threat into an opportunity.

3 WATER FOR INDUSTRY

We conduct evaluations, prepare facility plans and detailed designs for new and existing industrial water and wastewater infrastructure, and improve facility performance through operations support. We address waste minimisation, water reuse and treatment for emerging contaminants of concern. We help to assess risks and impacts, optimise technology selection to ensure that we meet the compliance and sustainability objectives so that our clients can realise their goals by bringing innovative products to global markets.

- Reliable Water Supplies: developing holistic approaches to water supply to assess risk and implement solutions to eliminate doubt or uncertainty
- Resiliency to Water Risks: delivering robust justifications for improvements by utilising proven approaches to understand potential impacts
- Global Technology Implementation: constructing programmatic, economical solutions designed to drive consistency and efficiency
- Lowering Operational Expenses: finding creative and innovative alternatives to lower operational expenses without compromising performance
- Capital Project Delivery: providing effective project and construction management to safely implement projects that improve productivity.

“All water challenges are unique and as such require an offering that is specifically tailored to meet our clients’ needs. At Arcadis we focus on delivering measurable positive outcomes combined with outstanding credentials and technical excellence.

Our talents are aligned in the following value propositions.

“With the new Hurricane Protection system in New Orleans, our water management engineers can provide a broad range of solutions from economically driven hard infrastructure to tidal-embracing ecologic alternatives.”
WE ARE WHERE OUR CLIENTS NEED US

1. Waste Water Treatment Plant Compliance Study, Taicang
2. Mixed Use Education and Tourism, Chun’an
3. Water Management Service in Urban Planning, Qingdao
4. Water and Fire Capability Study, Taiwan
5. Waste Water Compliance and Efficiency Study, Shenyang
7. Harbour Area Treatment Scheme, Hong Kong
8. Lai Chi Kok Transfer Scheme Feasibility Study, Hong Kong
9. The Sponge City Consultant Work on Wuhan Sponge City Program, Wuhan
10. Shenzhen River Environment Improvement, China
11. Alkaline Incident Investigation and Buried Asset Assessment, Shanghai
12. Wastewater Treatment Plant Review, Taiwan
To solve the water scarcity problem and identify sustainable water supply solutions we must help our clients to diversify their water supplies. Arcadis' expertise is aiding clients worldwide to achieve water resource sustainability by tapping sources previously considered to be impaired (e.g., sea water, wastewater, contaminated aquifers). Our experts in hydrology, hydrogeology, water system planning, and water/wastewater treatment are best-in-class. By leveraging our global experience we will continue to grow our water business in water-scarce regions.