

Company Brochure



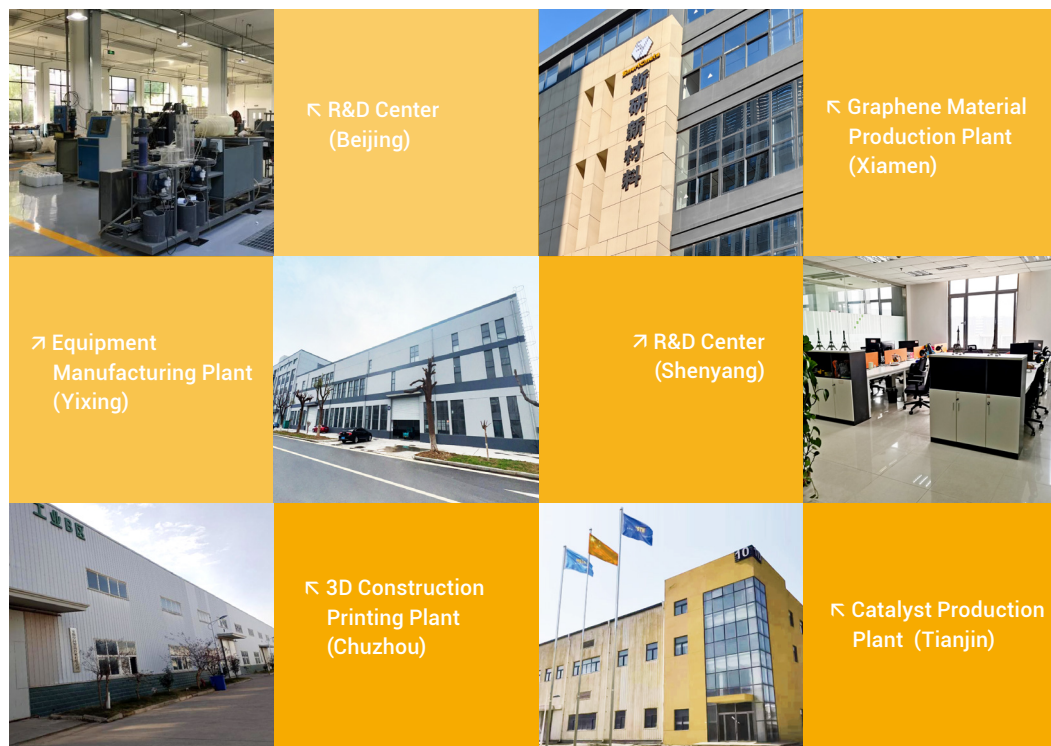
Contents

P01	About MSTN
P02	Milestones
P12	Honors
P13	Corporate Culture
P13	Development Strategy
P14	Our Team
P16	Performance Distribution
P17	Main Partners

About MSTN

MSTN TECHNOLOGIES CO., LTD. (MSTN) is a national high-tech enterprise that has been committed to environmental protection since 2004. With advanced technologies such as flue gas DeSOx and De-NOx, slurry filtration, wastewater treatment, CCUS, etc., we have gradually become a professional environmental protection company integrating R&D, process design, equipment manufacturing, system integration and EPC, and have nearly 60 patented technologies with independent intellectual property rights. Up to now, we have successfully completed more than 300 projects of flue gas treatment, and more than 50 projects of wastewater treatment, including BT, BOT, EPC and other models.

Adhering to the core values of Enthusiasm, Innovation, Service, Respect and Responsibility and in order to realize our vision of "Developing and Protecting, Earth Life Better", we will keep going in the field of environmental protection, continuous innovation to provide customers with more professional, premium and advanced products and services.



2

R&D Centers

4

Manufacturing Plants

150⁺

Intellectual Property Rights

300⁺

Completed Projects In Total

Milestones

2002

In 2002, MSTN was established to start business consulting on petroleum industry.

2004 2005

In 2004, MSTN introduced advanced foreign technologies to start flue gas treatment business in domestic refining and chemical field.

In 2005, MSTN got the first flue gas purification project in refining and chemical industry and successfully applied to a CFB boiler of SINOPEC.

2007 2012

In 2007, MSTN got the 300 MTA catalytic unit flue gas purification project of CNPC and 200 MTA catalytic unit flue gas purification project of SINOPEC.

In 2012, MSTN obtained the National High-tech Enterprise Certificate and passed the ISO 9001 quality management system and ISO14001 environmental management system certification.

2013

In 2013, MSTN signed the flue gas purification framework agreement with SINOPEC and CNPC respectively.

2016 2017

In 2016, MSTN established a R&D center in Beijing.

In 2017, MSTN undertook the flue gas desulfurization, denitrification and dust removal BT project of CNOOC and successfully handed over to the user.

2018 2019

In 2018, MSTN began to enter the metallurgical industry and successfully obtained the flue gas denitrification project from Shougang Group.

In 2019, MSTN followed the "Belt and Road Initiative" development strategy and made MSTN's "Go Global" development strategy, and got a flue gas denitrification project of a metallurgic enterprise in Korea, which has been successfully put into operation.

2020

In 2020, MSTN established the first manufacturing factory in Jiangsu, mainly producing MSTN patented proprietary equipment and skid mounted equipment.

2022

In 2022, MSTN established another 3 manufacturing factories, which have become the strong support for the transformation and application of innovative technologies.

About MSTN

2 R&D Centers

Beijing R&D Center



• Workshop of the R&D Center



• Chemicals Showcase

Beijing R&D Center was established in 2016, it is located in BIG Taihu Industrial Park Economic and Technological Development Zone, Beijing, covering an area of about **700 m²**, with **4 independent small test sites, 1 public test site, 1 aseptic laboratory, 1 large-scale pilot plant test site**, office area and warehouse.

With a multi-disciplinary R&D team of reasonable specialty collocation, Beijing R&D Center focuses on the research and development of the Three Wastes (flue gas, sewage and solid waste) treatment process and reagents, new energy and new materials.

“ Beijing R&D Center ”

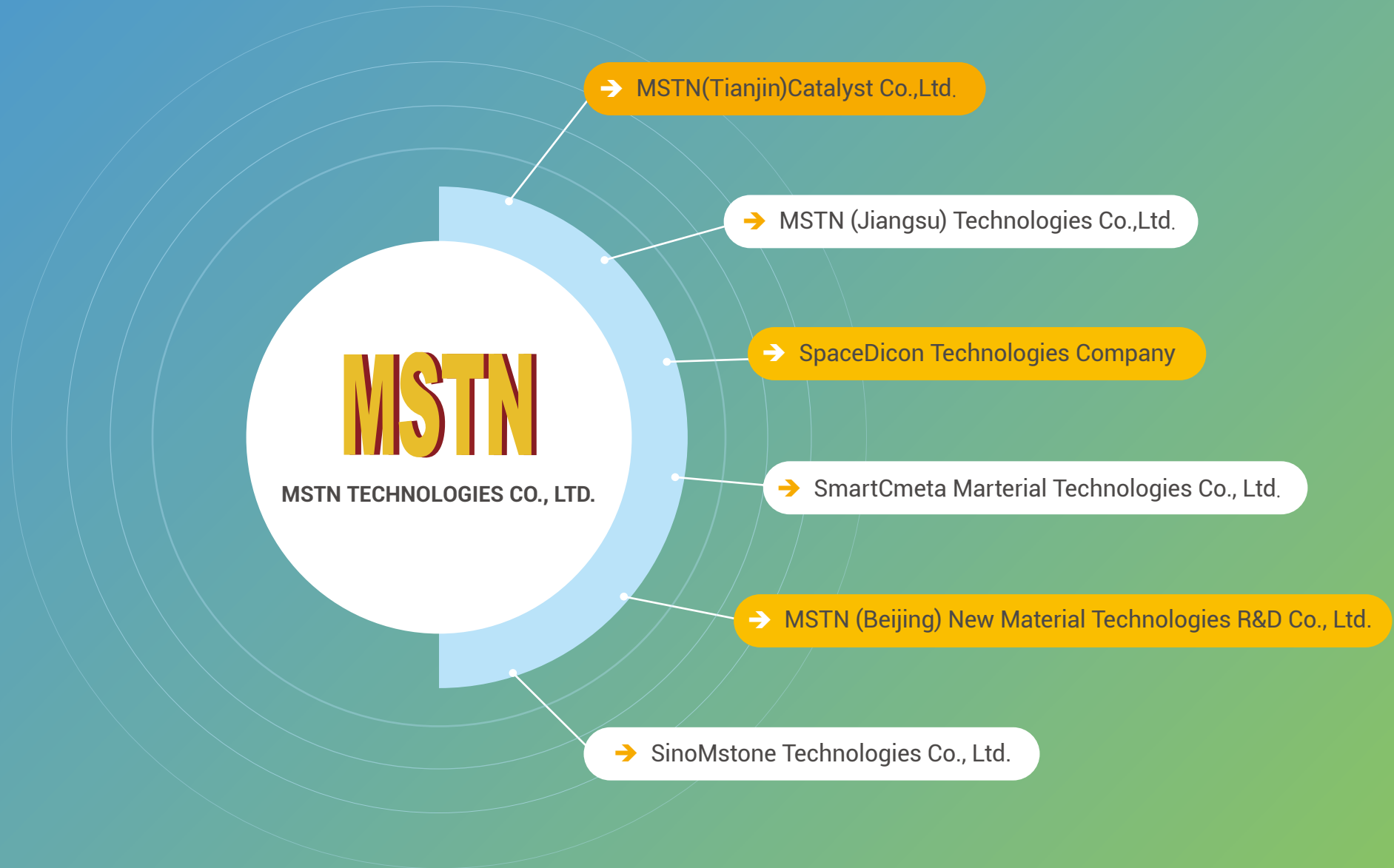
Shenyang R&D Center



Shenyang R&D Center, the **big data intelligence (BDI)** R&D Center of MSTN, was established in 2018. It is located in Shenyang International Software Park, Hunan District, Shenyang. It is committed to accelerating digital transformation of the Company and digital empowerment of the traditional technologies, supporting the construction of intelligent data application, improving the operational efficiency and helping the Company to efficiently utilize data. The main directions of the research and development are the **IOT communication technology and equipment**.

“ Shenyang R&D Center ”

Subsidiaries



Subsidiaries

Official Website
<http://www.sinomstone.com/>

👉 SinoMstone Technologies Co., Ltd.

SinoMstone Technologies Co., Ltd. was established in 2013. It specializes in the **R&D, manufacturing** and **sales** of the environment-friendly products in the field of industrial environmental protection and personal environmental health. It has a number of achievements in scientific research and patented technologies. The Company is committed to providing professional, healthy and intelligent environment-friendly products for enterprises and individuals.

“ Be close to nature
and blend in with nature ”



Subsidiaries

🔥 MSTN (Jiangsu) Technologies Co.,Ltd.

MSTN (Jiangsu) Technologies Co., Ltd. was founded in March 2020 and located in Pengyao Technology Innovation Park East, Yixing City, Jiangsu Province. It is the **equipment production base** of MSTN Group. Its main business includes the **R&D, production** and **sales** of environmental protection equipment.

The base covers an area of **6500 m²** with a production workshop area of **4000 m²**, and a storage area of **2000 m²**. It has **34** sets of special production equipment such as overhead cranes, various welding machines, rolling machines, drilling machines, test presses, sandblasting machines, laser blanking machines, etc. The annual output value of the base reached **30 million** in 2022. The base has a professional service team providing **7 * 24 hours** of service to ensure the requirements of delivery quality and delivery time.



*Innovation and environmental protection,
industrial ingenuity*



Subsidiaries

Official Website

<http://spacedicon.com/Home>

SpaceDicon Technologies Company

SpaceDicon Technologies Company is a high-tech enterprise specialized in construction 3D printing. Since its establishment, it has developed the **construction 3D printing robots**, **tails construction 3D printing materials** and **construction 3D printing model library** jointly with the academic institutions including Tsinghua University and China University of Mining and Technology (Beijing). SpaceDicon has obtained over 20 proprietary intellectual property rights, domestic leading scientific and technological achievements and certificates of new technologies and products.

SpaceDicon established the construction 3D printing production base in Anhui on September 19, 2022. It focuses on the R&D and production of construction 3D printing robots, 3D printing structures and low-carbon 3D materials and other products with advanced production processes and equipment, and implements the product concept of "technology guidance, precision manufacturing, and sincere service" to provide customers with high-quality construction 3D printing products.

SpaceDicon also has a materials supply base in Hebei, which provides tails construction 3D printing materials and has established strategic cooperation relations with many domestic research institutions.



“ Technology guidance, precision manufacturing, and sincere service ”



Subsidiaries

Official Website
<http://www.smartcmeta.com/>

Smartcmeta Marterial Technologies Co., Ltd.

SmartCmeta Marterial Technologies Co., Ltd. is the graphene material production base of MSTN Group. It is located in the Torch Graphene New Material Industrial Park in Tong'an District, Xiamen, covering an area of **4500 m²**. Its main business includes **graphene materials and related products, graphene-based oil-water separator**, as well as flocculants, defoamers etc. It has laboratories, warehouses and **five production lines** with advanced production technology and high-quality raw materials, with professional R&D production and service team.

Adhering to the concept of "new materials, new world, and new life", advocating the spirit of scientific and technological innovation, relying on the profound technical background of Xiamen University and the strong comprehensive strength of MSTN Group, we are committed to becoming a high-tech company integrating R&D, production and sales in the field of new materials.



New materials, new world, and new life



Subsidiaries

🏭 MSTN (Tianjin) Catalyst Co.,Ltd.



MSTN Tianjin Catalyst Co., Ltd. was established in 2022 located in Nangang Industrial Zone, Tianjin. It is the catalyst production base of MSTN Group, which covers an area of 5000 m² and has a capacity of 3000 m³ per year. Based on the experience of MSTN Group in hundreds of desulfurization and denitration cases in the field of environmental protection for 20 years and its professional R&D team, the company has established an exclusive strategic partnership with Umicore, a leading global recycling material technology enterprise, mainly engaged in the design, R&D, production, sales and related after-sales services of denitration process technology, Umicore patented corrugated plate SCR catalyst and denitration equipment.

“ Denitration catalyst
production plant ”

Honors

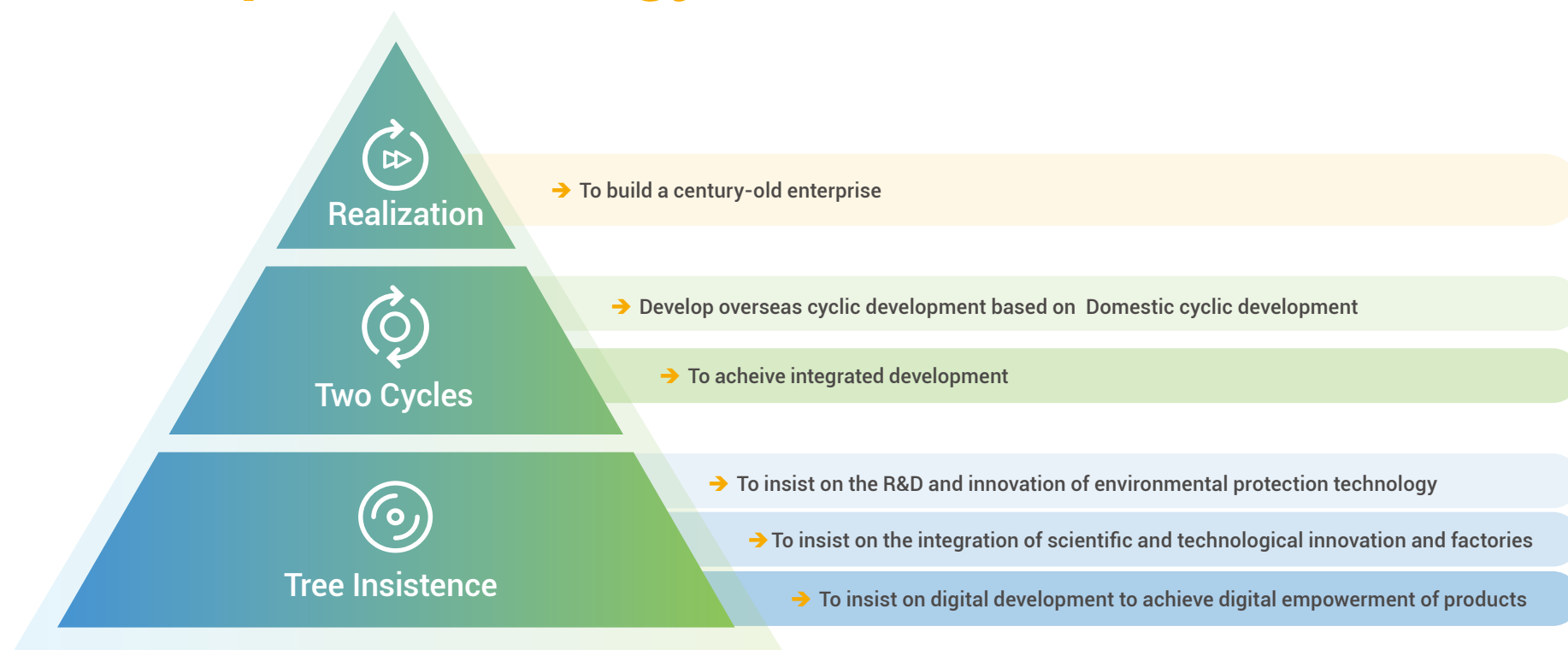
- ★ ISO 9001 Certificate
- ★ ISO 14001 Certificate
- ★ ISO 45001 Certificate
- ★ HSE Certificate
- ★ HSSE Certificate

- ★ High-tech Enterprise Certificate
- ★ Specialized and Sophisticated SMEs
- ★ Municipal Enterprise Research Institution of Beijing
- ★ Zhongguancun High Technology Enterprise

- ★ Patents
- ★ Trademark certificates
- ★ Software copyright certificates
- ★ Certificate of new technologies and products



Development Strategy



Corporate Culture



Mission

Developing and Protecting, Earth Life Better



Vision

Focus on environmental technology innovation and build a century-old environmental protection enterprise



Core Values

Enthusiasm, innovation, service, respect, responsibility

Our Team



Solidarity

Forging ahead, creating brilliance forever, concentrating our efforts, creating success forever.

“金葵花”2020年 北京市朝阳区科技工作者健康跑 签到合影墙



Innovation

Focus on environmental technology innovation, building a century-old everlasting environmental protection company.





Life

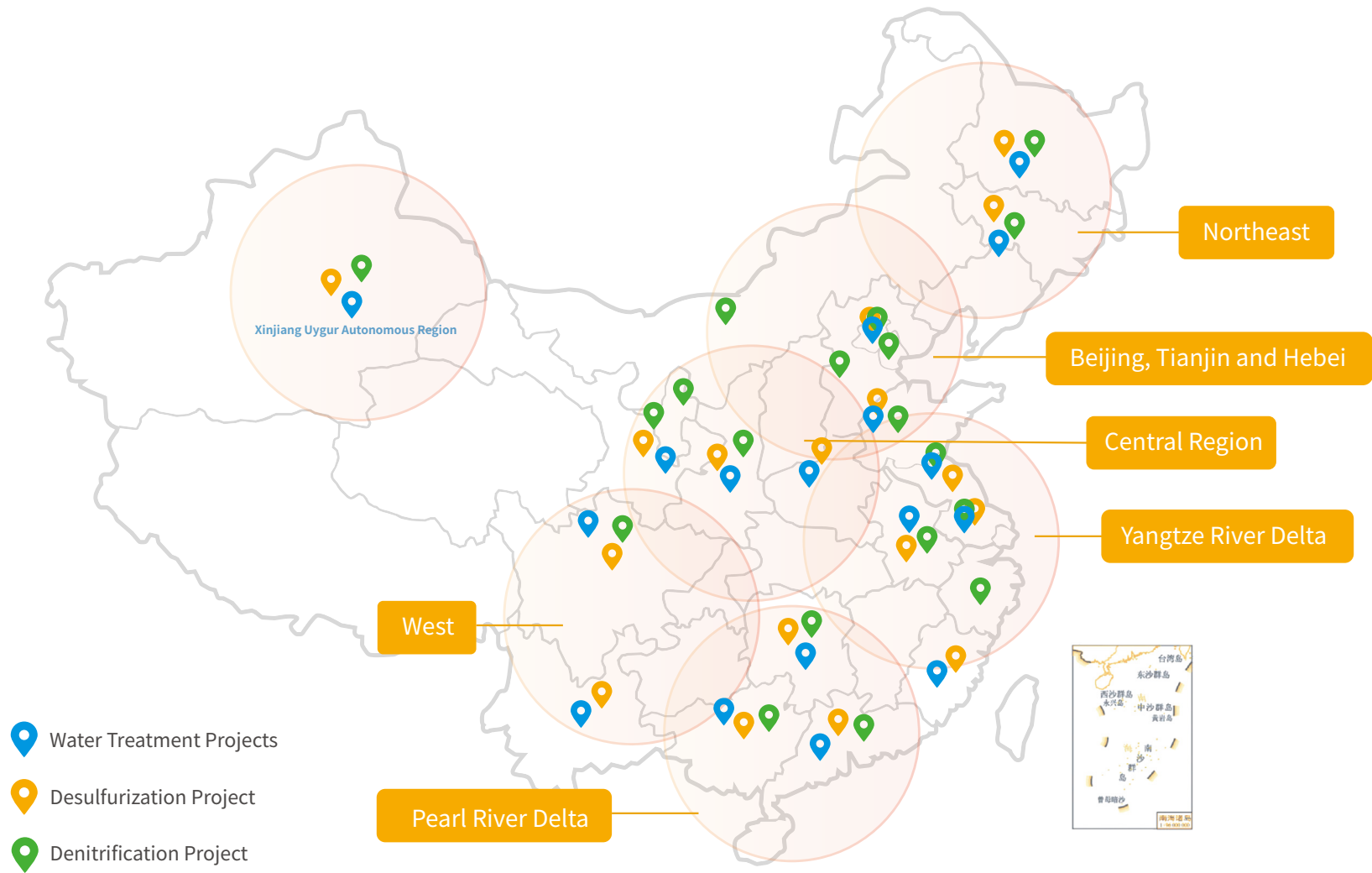
Enjoy life and love it.
Be a better you.



Health

All personnel fitness and
thriving expanding horizons,
pleasure for body and mind.

Performance Distribution



Main Partners





Developing and Protecting, Earth Life Better

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Website



Wechat Public Account