

Better water Better World



6641

GSD
Technologies
Co.,Ltd.

2024.09.03

GREEN · SAFE · DEVELOPMENT



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PART

1

Company Profile

Philosophy

GREEN Friendly commitment to the earth's environment and ecology.

SAFE Responsible commitment to customer / supplier / employee / stakeholder/other relative organization.

DEVELOPMENT Commitment to sustainable development of the company.

Mission

To optimize the ecological environment and benefit to the world.

Vision

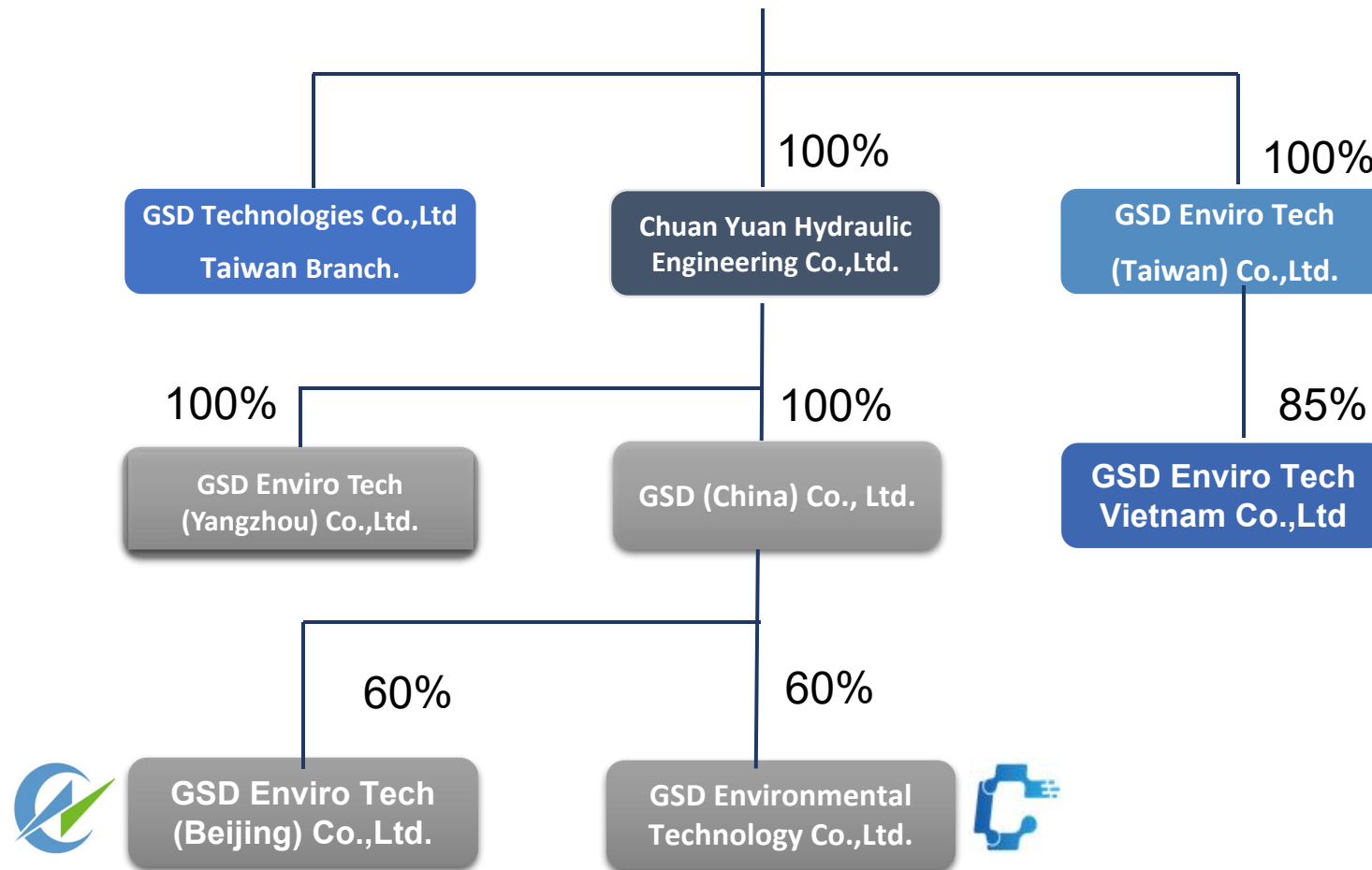
Environment : All rivers are clean and no water is dirty.

Company : Being paragon to all brands, being leader in WWTP industry.

Colleague : To enable our staff' s devotion in wonderful career and life.



GSD Technologies Co., Ltd.



GSD Technologies Co., Ltd.



Stock code

6641



Industry

Green Energy &
Environmental
Services



Established

2013/10



Staffs

605



Capital

NTD 370 m

Major business

◆ Environmental equipment manufacturing,
sales & technical services.

Brand
Plant

◆ GSD
◆ Pinghu in Zhejiang & Yangzhou in Jiangsu

Company History



**The First Factory
in Yangzhou**



1996

**Listed on the
Stock Exchange**



2018

**CKU & GSD Water
technology R&D Center**

**TongJi & GSD
Microorganism R&D Center**



2019

**Pinghu II Factory
Inauguration**



2022

**Recognized as a Green
& a Zero-Waste Factory**



2023

1995



**Invest in
Mainland China**

2010



**Establish GSD
(China) Co., Ltd.**

2019



**Establish GSD
Environmental
Technology Co., Ltd.**

2022



**Establish CNCN
(Beijing)Enviro
Tech Co.,Ltd.**

2023



**Opening of the
New Yangzhou
Factory**

Past

We focus on equipment manufacturing and research & development.



Present

We focus on equipment empowerment and intelligent management.



Future

We recycle wastewater and sludge in our daily lives.



PART

2

Operating Performance

Operating Performance



Items	2019	2020	2021	2022	2023
Revenue	1,992,051	1,846,674	1,960,518	1,840,584	1,774,243
Sales margin	771,093	739,951	751,949	660,284	569,600
Op. Income	240,532	262,105	203,227	115,651	-13,341
EBIT	282,631	290,949	256,126	201,685	43,647
Net income	227,154	215,511	212,274	173,925	38,182
EPS	6.79	6.52	6.30	5.00	1.28

Items	2021Q1	2021Q2	2021Q3	2021Q4	2022Q1	2022Q2	2022Q2	2022Q2	2023Q1	2023Q2	2023Q3	2023Q4	2024Q1	2024Q2
Net Sales	361,672	506,872	507,774	584,200	391,236	509,063	455,796	484,489	352,805	414,039	441,625	565,774	406,800	468,483
Sales margin	145,642	211,623	183,314	211,370	127,867	170,944	170,179	191,294	122,625	142,974	145,136	158,865	128,786	135,017
Op. Income	24,959	67,917	43,095	67,256	13,659	30,197	30,975	40,820	(7,673)	(4,761)	238	(1,145)	4,157	(6,239)
EBIT	30,530	62,506	76,860	86,230	32,735	58,067	47,239	63,644	(404)	3,721	13,944	26,386	24,169	19,807
Net income	27,205	50,316	59,438	75,315	35,017	49,698	41,026	48,184	(5,099)	1,379	12,856	29,046	18,923	16,283

EPS & dividend (NTD %)

Items	2019	2020	2020	2022	2023
EPS(1)	6.79	6.52	6.3	5.0	1.28
EPS(2)	6.79	6.55	5.91	5.0	1.28
Cash dividend	4.5	4.5	4.5	3.5	1.0
payout ratio %(N1)	66%	69%	76%	70%	78%

EPS(1): counted by average shares

EPS(2): counted by year end shares

N1: counted by EPS(2)

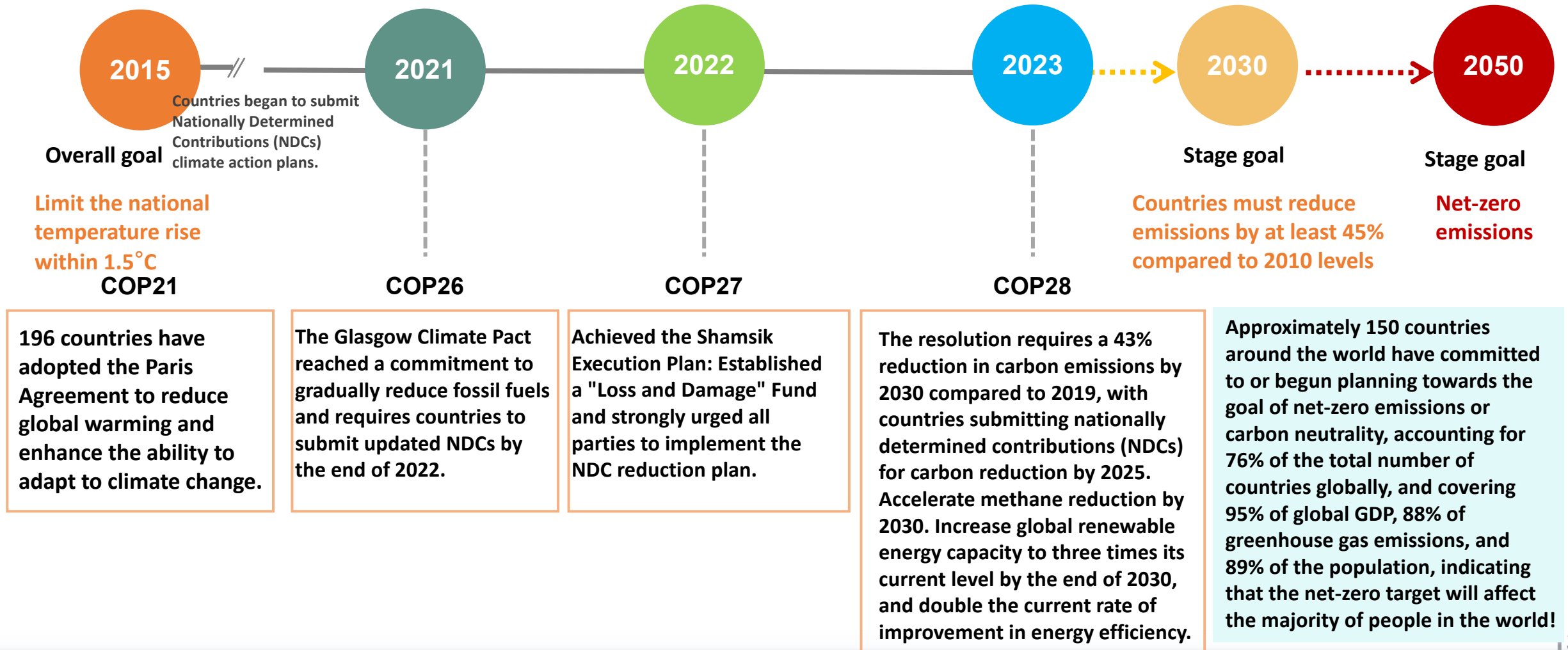
2024 H1EPS 1.15

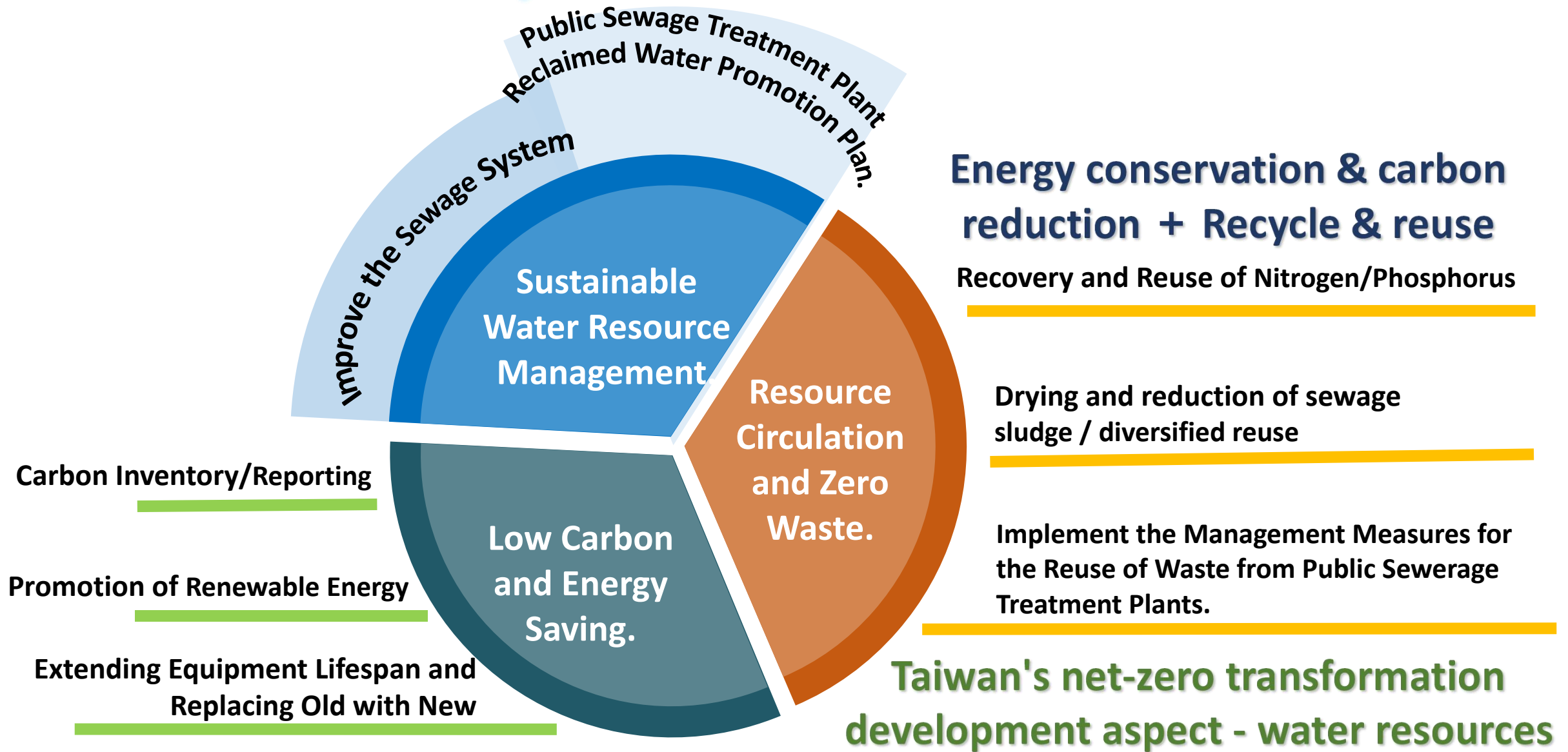
PART

3

Industry Overview

◆ The Content and Goal Development Process of International Treaty Agreements in Response to Climate Change





Environmental protection policies in the new situation of mainland China

Maintain the tone of collaborative synergy in pollution reduction and carbon reduction

Solidly carry out the "Top Ten Actions for Carbon Peaking"

- Improve the capacity of carbon emission statistics and accounting
- Establish a carbon footprint management system
- Expand the scope of industries in the national carbon market

Improve the green and low-carbon development mechanism

- Establish a carbon emission statistics and accounting system
- Develop green and low-carbon industries
- Develop green finance

Strengthen new productivity

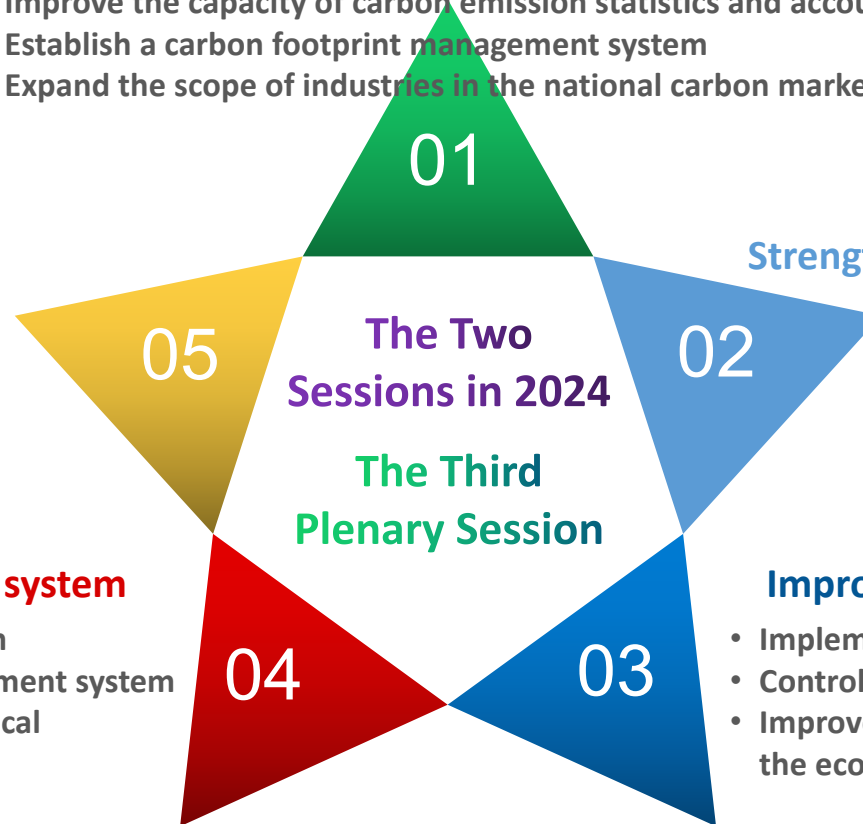
- High-end
- Intelligent
- Green

Optimize the ecological environment system

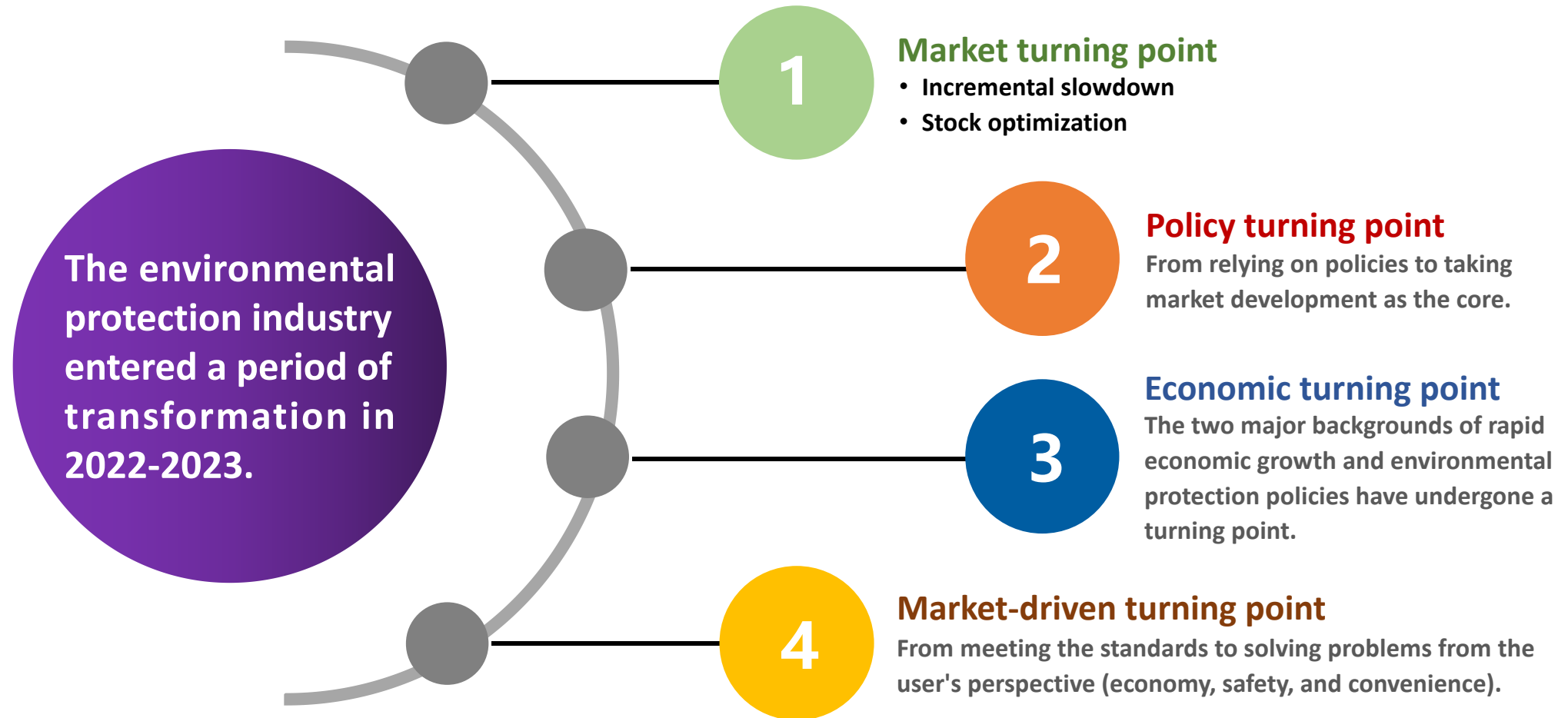
- Pollutant discharge permit supervision system
- Strengthen the ecological protection management system
- Improve the compensation system for ecological environment damage

Improve the ecological management system

- Implement a precise environmental management system
- Control land use and planning
- Improve the formulation of laws and regulations related to the ecological environment



The situation of the environmental protection market in Mainland China



The situation of the environmental protection market in Mainland China

Equipment Overhaul Policy: "Implementation Plan for Advancing the Update of Construction and Municipal Infrastructure Equipment"

Implement the policies of the State Council

The provincial level promotes large-scale equipment renewal

Each province formulates a plan for trade-in promotions

Heating equipment

Replace outdated or overused equipment

Replace heat exchangers, water pumps, motors, etc.



Water supply equipment renewal

Waterworks and secondary water supply in communities

Water pumps, dosing equipment, testing & pressurizing equipment, etc.

Wastewater treatment equipment

Eliminate unqualified equipment

Water pumps, sludge treatment equipment, monitoring & automatic control equipment, etc.

In response to the increasing foreign investment, grasp the demand for plant construction equipment

Under the background of the reorganization of the global supply chain, foreign-invested enterprises continue to regard **Vietnam** as an important investment destination in the medium and long term.

The processing and manufacturing industry accounted for the majority of Q2 investment, with a share of 70.4% (only 63% in the same period last year), followed by real estate (16.3%) and wholesale and retail (4%).

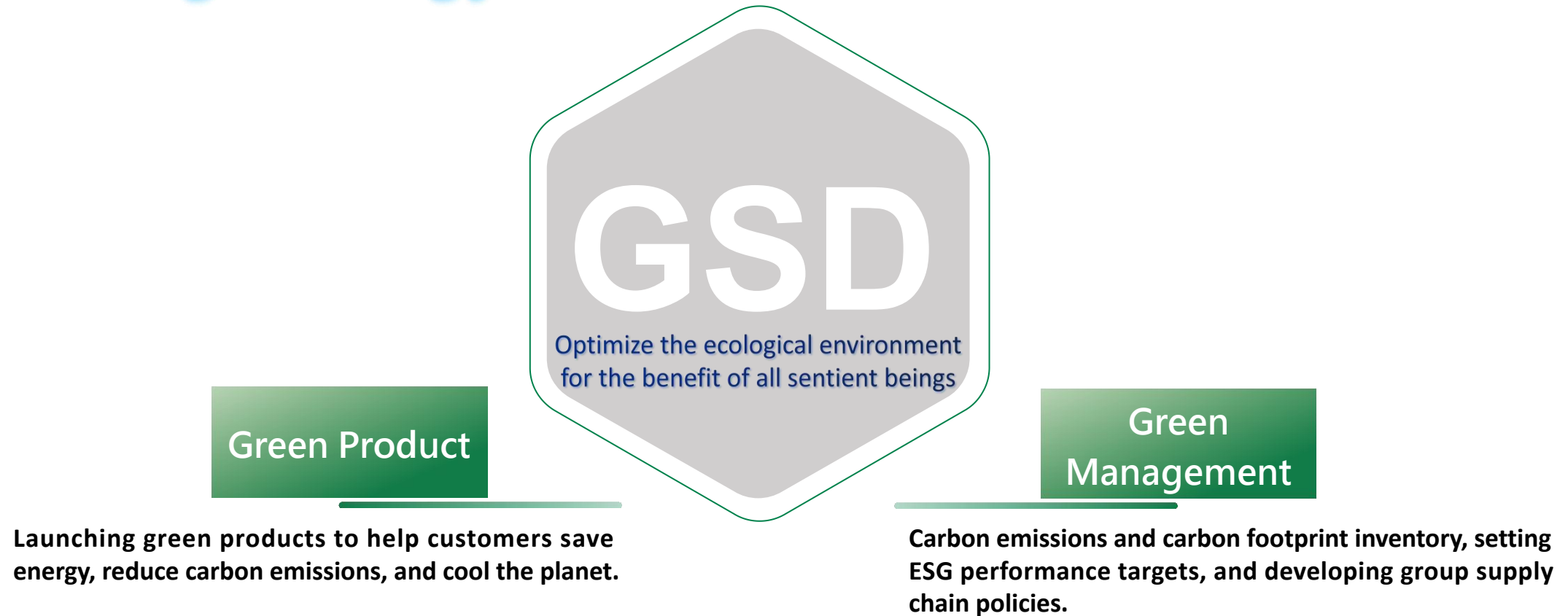
The actual inflow of FDI reached 10.8 billion US dollars, more than double that of Q1 (4.6 billion US dollars).



PART

4

Operating Strategy



"On the basis of green management, through the promotion of GSD's green products, let the world share good water."

**In response to the water crisis, GSD market strategy adjustment:
Environmental protection + Water resources**

Taiwan Market: Public Works + Equipment Sales, Repair & Maintenance + Intelligent Services



From 2021

The Ministry of Agriculture has invested **NTD 14 billion to build a national cold chain logistics system.**

One of the three flagship cold chain logistics centers.

Taoyuan Agricultural Logistics Processing Park starts construction!

Taonong Logistics Park - Was tewater Treatment Plant Project Three-Year Trial Operation

Source: The Facebook page of the Ministry of Agriculture

Project name
Nanke Tainan Park Phase II base Sweat Treatment Plant Phase III project
China Iron and Steel Co. , Ltd. . Submersible pump repair and maintenance about
Pingdong County plant and station equipment life extension and energy-saving improvement to promote the project package
Rear AU Optronics plant-centrifugal blowers
Construction of a parallel trade purification plant at Lung Keng Stream, Neipu, new Pingtung County-centrifugal blowers
The Minxiong Industrial District Sweat Treatment Plant has been decommissioned
Zhenglong Co. , Ltd. . Zhubei factory-sheung Shui Expansion & Amp
Intelligent Monitoring System of lifting station in Linkou water resource center
Yushan Environmental Engineering Co. , ltd.-heat desorption with intelligent project
Land Green Intelligent Control System Open
Taihe environment corporation-intelligent luji monitoring platform
Lin Kou water resources recovery center disinfection pool monitoring FU transmission equipment intelligent project
Lianhua Electronics Co. , LTD.-DHF precise dosing intelligent control system
Promote community participation in the Rot project for the construction, operation and transfer of a perspiration sewer system in an industrial area of Pingzhen
Nantze Export Processing Zone, the second park and the high-soft Technology Park
The ROT case in the Dayuan and Zhongyan industrial zones

Expanding into the seawater desalination field

Tender	Amount (tax included)	Project progress (2024.4.30)	Estimated finish date
New Taipei City Cleaning Team Sewage Treatment and Management Turnkey Project	39.88 M	Completion declared	Completion declared
The 3 rd and 4 th expansion project of the water resources treatment plant in the Agricultural Biotechnology Park.	244M	70.89%	2024.10
Pingtung Linbian Township A Line Water Pumping Station Project	23.98M	Completion declared	Completion declared
Taoyuan Agricultural Logistics Park Construction Project-Sewage Treatment Plant Project and Three- Year Trial Operation	194 million	6.53%	Construction 660 days
2024 Equipment Turnkey Project for Hujingyu and Tongpanyu Seawater Desalination Plant Expansion	15.3M	Construction starts after notice from owner, when design completed	Construction 120 days

Taiwan Market: Public Works + Equipment Sales, Repair & Maintenance + Intelligent Services

Implementing the 'AI Real-time Precision Prediction and Decision-making Chemical Dosage System

- Improve the shortcomings of traditional water purification dosing methods
- Build an AI-based precise dosing system
- Set up a visualization dashboard to monitor
- Establishing a modernized prototype of an AI precision dosing system for water treatment plants



Personnel from the water supply department visited GSD to understand the application of AI in water management and water services .

China Market: Environmental Protection + Energy Saving + Equipment Renovation

Adapt to the changes in industry market trends, adjust the track, and move towards emerging target markets.



Water Plant Renovation Project

Renovate three wastewater treatment plants and 21 associated pumping stations under a certain water services company to achieve unattended or minimally attended operations.

Improve operational efficiency

Energy conservation, consumption reduction, and compliance with environmental standards

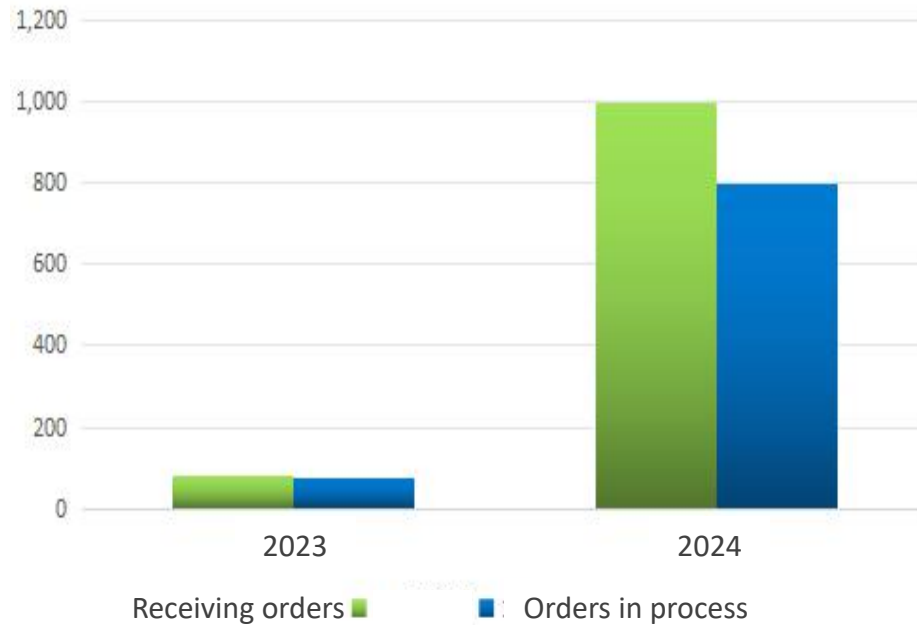
Enhancement of system security and stability

Implementation of smart water management and its demonstration effect

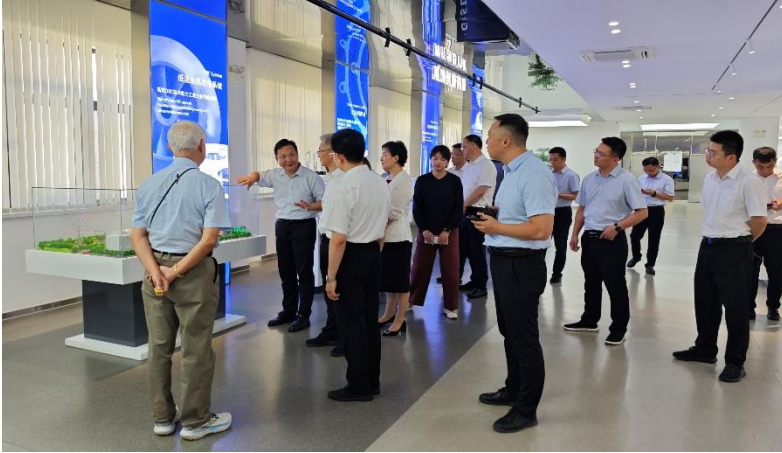


Intelligent Case Management

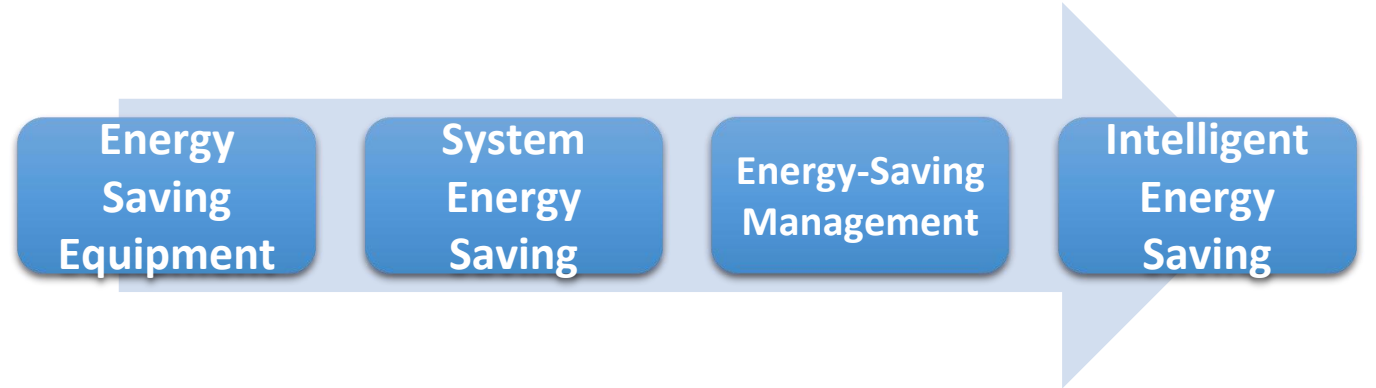
A significant increase in the first half of 2024



The demand for project-based cases in the export market is gradually increasing



The Mayor of Jiaxing and his delegation visited GSD.



After the mayor of Jiaxing visited GSD in July, he was deeply impressed. Within two months, we are negotiating 7 local water projects.

Green Management

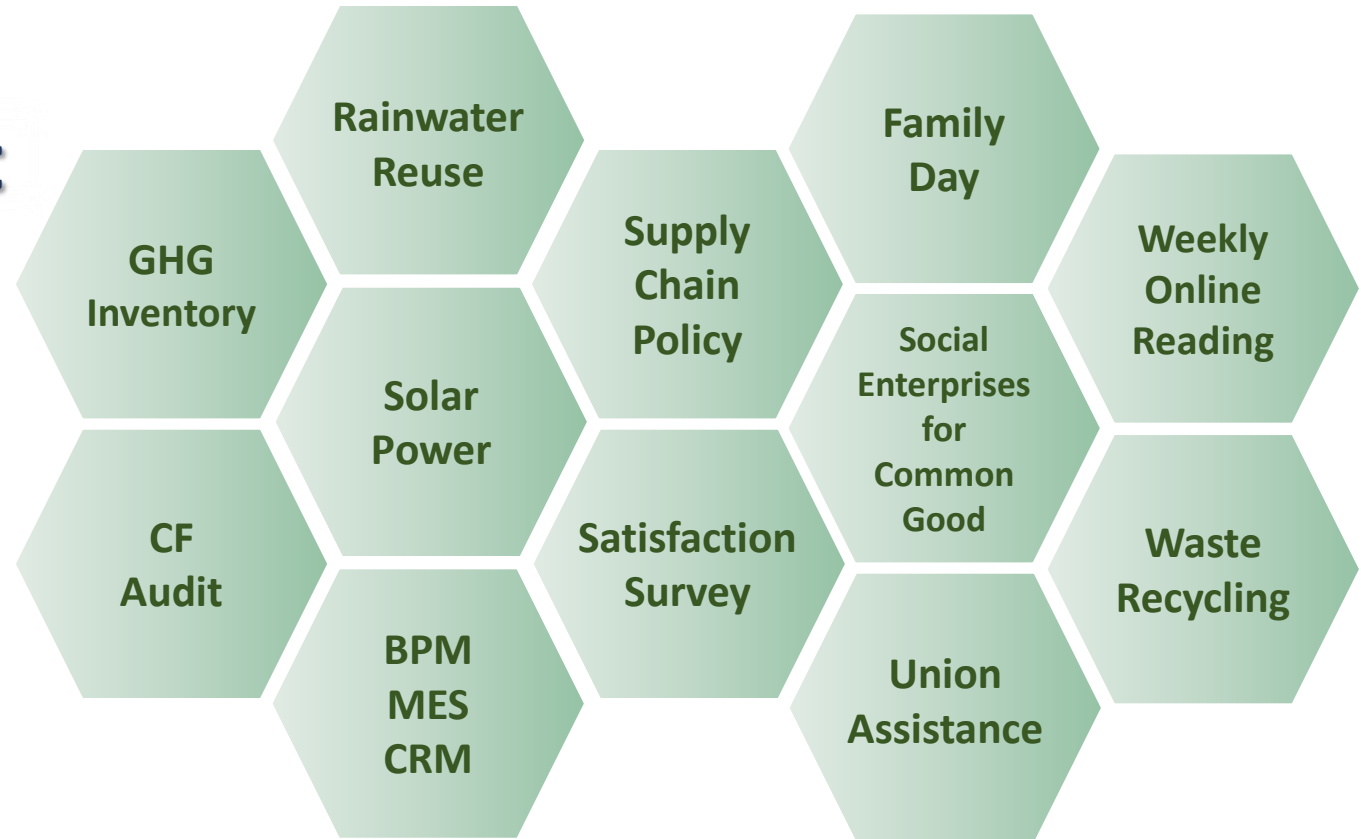
Occupational safety system

Greenhouse investigation

Carbon footprint inventory

Set ESG performance goals

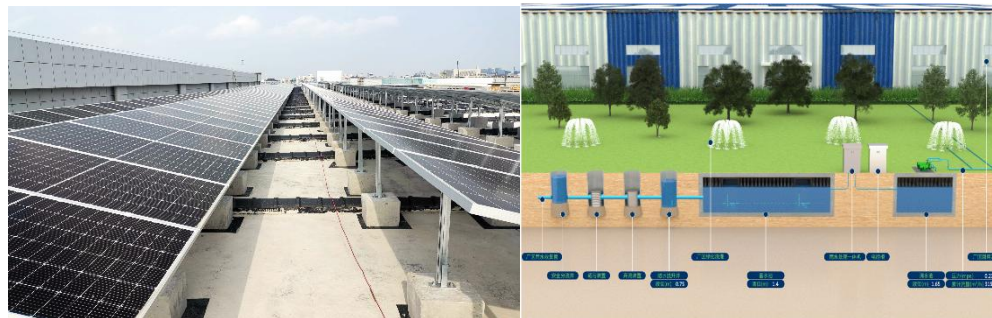
Set supply chain policies



**Occupational Safety Training
Annual Outstanding Employee Award**



**Factory
Environmental
Education House**



**Solar power generation
Rainwater harvesting system**



**Summer Cool Offer
New Year Work Start Snacks**



Carbon-reducing restaurant opens

**Summer Visit for
Tsinghua University
Graduate Students**



**Donating books
and clothes to
rural areas**



**Educational assistance activities
and visits to families in need.**



Achievements of the GSD Charity Cycle Initiative



Resource recycling



**Social enterprises
jointly promote
parent-child
environmental
education**



**Care for the
elderly on
the Double
Ninth Festival**

THANKS

We kindly request
your guidance

Disclaimer

This presentation is a summary and assessment of the past, present and future operations of our company at the time of the presentation. It contains forward looking statements that will be affected by risks, uncertainties and inferences, some of which will partially be beyond our control. The actual conclusions may differ greatly from these forward-looking statements.

The information provided (including views on the future) does not express or imply that it is correct, complete and reliable ; nor does it represent a complete exposition of the company, the state of the industry and the subsequent major developments.

The expectation for the future in this presentation reflects our company's view so far. If there is any change or adjustment, our company is not responsible for reminding and updating at any time.
