

Better water Better World



6641

GSD
Technologies
Co.,Ltd.

2025.06.10

GREEN · SAFE · DEVELOPMENT



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PART

1

Company Profile

GSD Technologies Co., Ltd.

A comprehensive service provider focusing on the water treatment market, providing equipment and technical services.



Establishment

2013/10



Employee

612



Capital

NTD 365m



R&D exp.

4%



Brand

GSD



Main Market

Taiwan

China

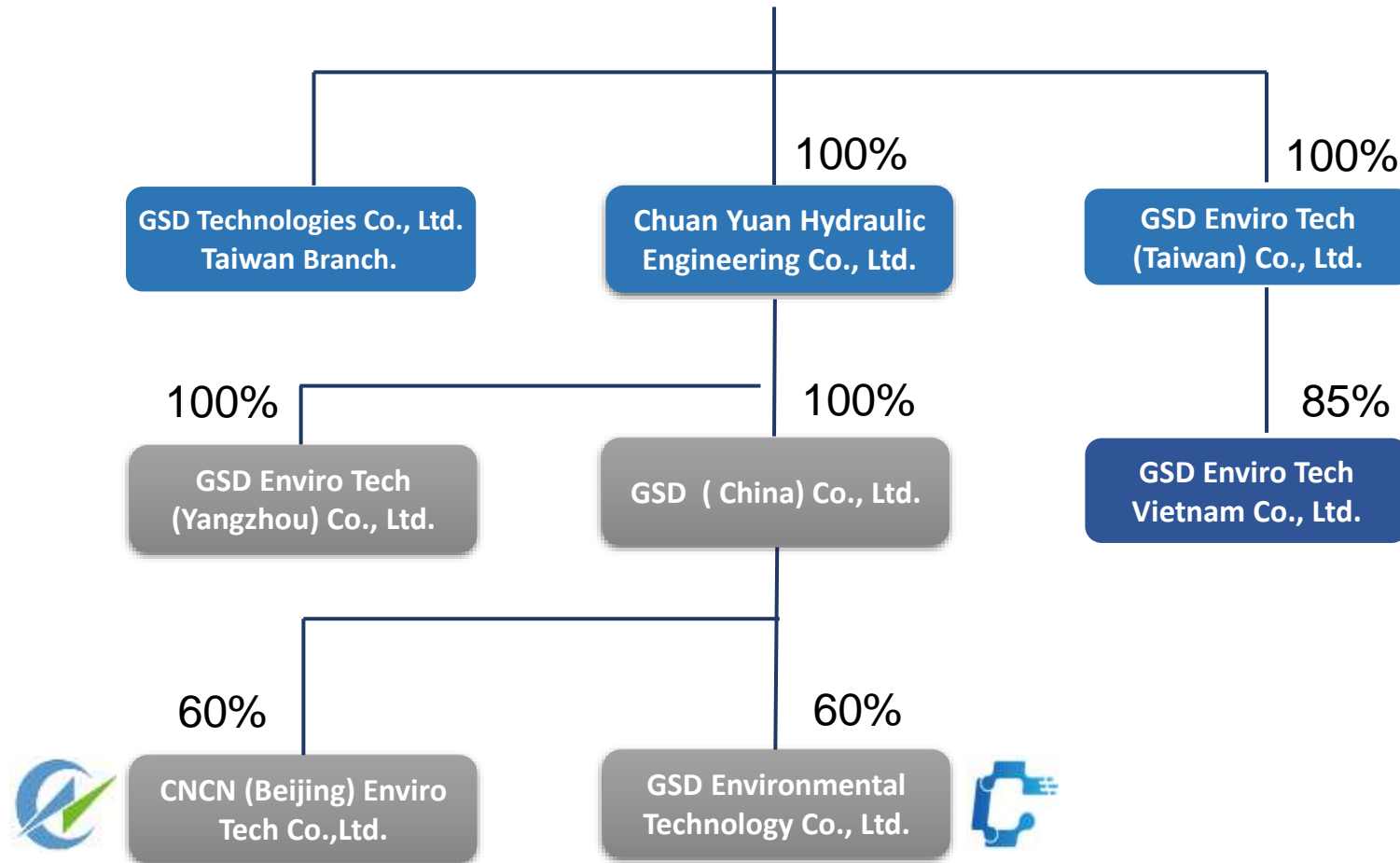
South-East Asia



Factory

Pinghu, Zhejiang
Yangzhou, Jiangsu

GSD Technologies Co., Ltd.





PART

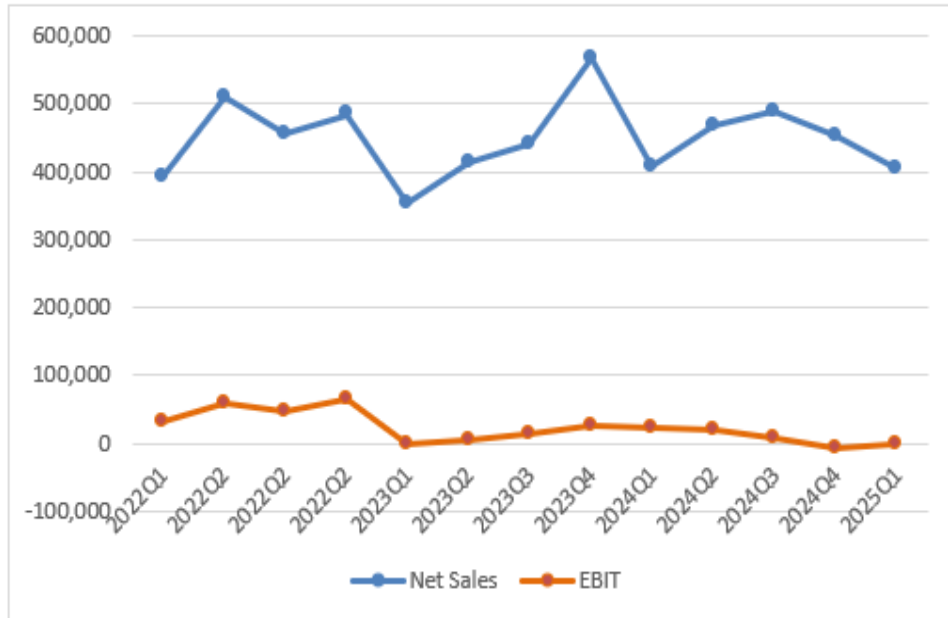
2

Operating Performance

Operating Performance



Items	2022Q1	2022Q2	2022Q2	2022Q2	2023Q1	2023Q2	2023Q3	2023Q4	2024Q1	2024Q2	2024Q3	2024Q4	2025Q1
Net Sales	391,236	509,063	455,796	484,489	352,805	414,039	441,625	565,774	406,800	468,483	489,959	452,957	405,750
Sales margin	127,867	170,944	170,179	191,294	122,625	142,974	145,136	158,865	128,786	135,017	138,189	116,338	114,712
Op. Income	13,659	30,197	30,975	40,820	(7,673)	(4,761)	238	(1,145)	4,157	(6,239)	(5,073)	(23,168)	(15,213)
EBIT	32,735	58,067	47,239	63,644	(404)	3,721	13,944	26,386	24,169	19,807	7,095	(8,618)	(2,005)
Net income	35,017	49,698	41,026	48,184	(5,099)	1,379	12,856	29,046	18,923	16,283	7,431	(168)	(653)



Items	2020	2021	2022	2023	2024
Revenue	1,846,674	1,960,518	1,840,584	1,774,243	1,818,199
Sales margin	739,951	751,949	660,284	569,600	518,330
Op. Income	262,105	203,227	115,651	-13,341	-30,323
EBIT	290,949	256,126	201,685	43,647	42,453
Net income	215,511	212,274	173,925	38,182	42,469
EPS	6.52	6.30	5.00	1.28	1.40

Unit: NTD

Items	2020	2021	2022	2023	2024
EPS(1)	6.52	6.3	5.0	1.28	1.4
EPS(2)	6.55	5.91	5.0	1.28	1.4
Cash dividend	4.5	4.5	3.5	1	1
payout ratio %(N1)	69%	76%	70%	78%	71%

EPS(1): counted by average shares

EPS(2): counted by year end shares

N1: counted by EPS(2)

PART

3

Industry Overview

Extreme climate events

Considered the most serious global risk over the next decade

- Extreme weather has been ranked as the world's top risk for two consecutive years, showing that climate change is no longer just an environmental issue, but the most serious global crisis today.
- Extreme weather is reshaping the world: economic development, health and safety, social stability, and global peace.
- Frequent high temperatures lead to potential economic losses (reduced productivity) and worker health risks.

FIGURE C

Global risks ranked by severity over the short and long term

Please estimate the likely impact (severity) of the following risks over a 2-year and 10-year period.



This April

the **2nd hottest** month in the world

- According to the Global Climate Report of the European and American Environmental Information Centers, April this year became the second hottest April on record, with the global average temperature 0.6 degrees higher than the average from 1991 to 2020.
- The world's hottest April will occur in 2024, with the average monthly temperature 1.58 degrees Celsius higher than the pre-industrial period from 1850 to 1900.

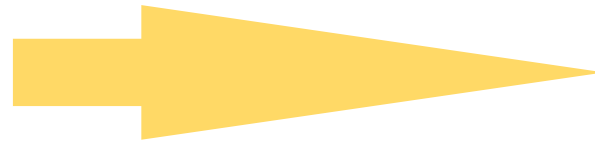
Opportunities and Challenges in China



GDP grew 5.4% in the Q1

The manufacturing PMI index in April was 49

Stabilize employment
Stabilize the market
Stabilize enterprises
Stabilize expectations



A new round of large-scale equipment upgrades
Consumer goods trade-in programs

Trade frictions related to tariffs are escalating. China has put forward the "Four - Stability" measures and simultaneously called for the expeditious implementation of relevant policies. These policies involve the timely reduction of the reserve - requirement ratio and interest rates, the enhanced implementation of the "Two New" initiatives, the redoubled efforts in building the "Two Major" projects, and the alleviation of current economic difficulties.

Maintain high-quality
development
Dealing with external
uncertainties

The year 2025 marks the final year of the 14th Five Year Plan period and also the planning year for the 15th Five Year Plan period. The future direction of economic policies has attracted global attention.

Opportunities and Challenges in Taiwan



GDP grew 5.37% in the Q1
The manufacturing PMI index in April was 48.9



Source: Taipei City Government Public Works Bureau
Date: 2025-05-09

GSD Green Products:
Energy-saving Across Equipment,
Processes, and Management

Purchased Electricity Dominates (63.2%) – **Energy Conservation is Key!**

- The Land and Resources Agency's carbon inventory of 79 wastewater - treatment plants in Taiwan in 2023 revealed greenhouse gas emissions of 263,000 metric tons of CO₂e, with "purchased electricity" contributing 63.2%.
- The Land and Resources Agency stated that the inventory helps understand the carbon - emission features of different sewage treatment facilities and lays an important foundation for institutionalized carbon reduction in sewer construction.
- The next step plan involves replacing outdated high - energy - consuming equipment. Additionally, each factory will be assisted in formulating suitable energy-saving and carbon- reduction strategies tailored to the carbon emission hotspots within the factory premises. Furthermore, low-energy water treatment technologies and procedures will be introduced to attain the public sewage treatment carbon-reduction objectives and promote environmental sustainability.

Opportunities and Challenges in Vietnam



GDP grew 6.93% in the Q1
The manufacturing PMI index in April was 45.6



Vietnam Manufacturing PMI Statistics over the Years

<https://rl.fx678.com/id/112019032810098882.html>

- Vietnam's Statistics Office announced that the annual growth rate of gross domestic product (GDP) in 25 (Q1) was 6.93%, slowing down from 7.55% in 24 (Q4).
- In April 2025, Vietnam's manufacturing PMI dropped to 45.6. Mainly due to a decrease in output, new orders and employment.



PART

4

Operating Strategy

GSD expands Continuously in Taiwan's Water-Treatment Market with an "Comprehensive Service Model"

- ✓ Leveraging **environmental engineering technology** and **intelligence**, we promote our top - notch **equipment** for **public works projects** and assist customers in **low - carbon** transformation through comprehensive services.
- ✓ From tradition to innovation, we expand Taiwan's green product market through a **comprehensive service model** encompassing equipment, environmental engineering, intelligence, maintenance, engineering, operation, and investment.
- ✓ In partnership with ecosystem players and via a **comprehensive service model**, GSD extend its services to the Southeast Asian market.



Seize the opportunities of Vietnam' s manufacturing upgrading and infrastructure construction

- ◆ Due to the shadow of the **tariff war**, the market is cautious about factory construction projects.
- ◆ Expert support for industrial relocation & expansion projects.
- ◆ Combine online and offline sales channels, **incubate agents in blank areas**, and increase business opportunities



Tech-Driven, Locally Rooted: GSD Expands in Mainland China

New track conversion is slow

- The stock market is shrinking

The pressure of collecting project payments increases

- The funding pressure of case projects has increased dramatically

Maintaining original gross profit margin is challenging

Product innovation reduces price impact

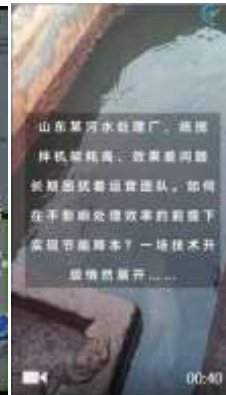
- Launched the second generation of products and permanent magnet water pumps to ensure effective improvement of energy saving rate

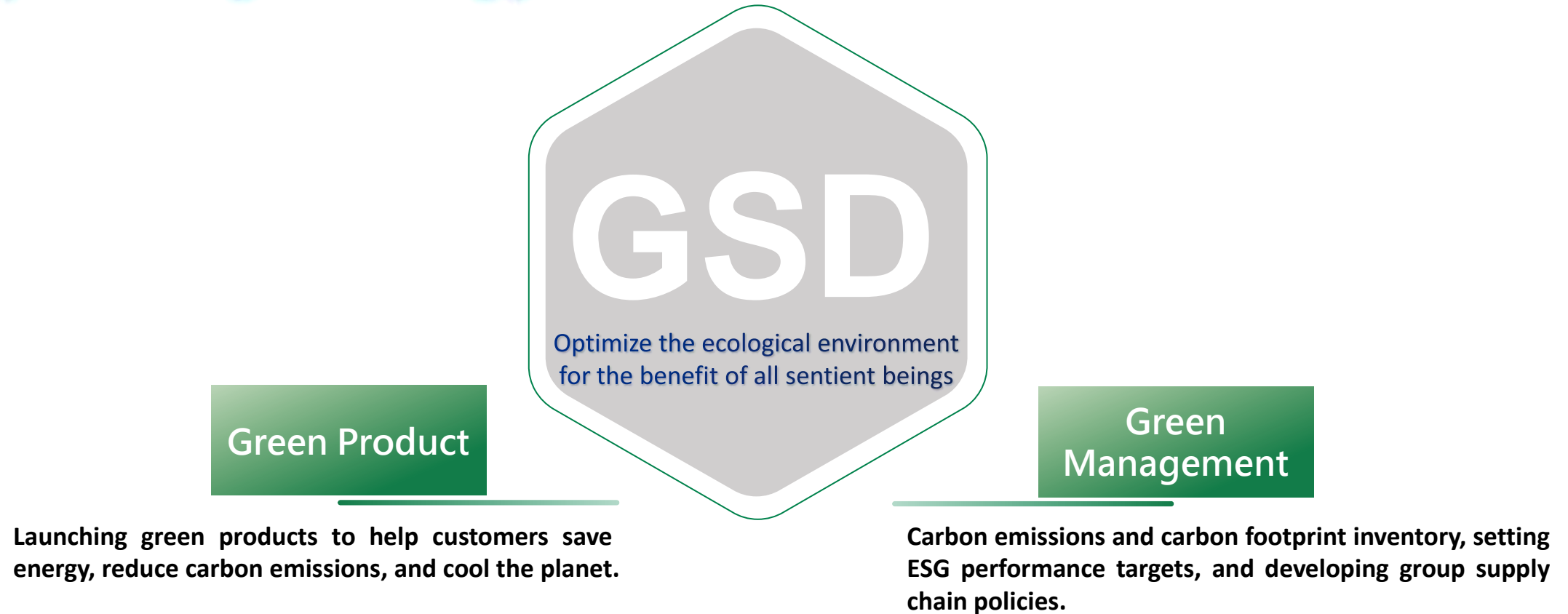
Improve internal control mechanisms

- Carry out case risk management

Entering the energy-intensive sector

- Participate in exhibitions, short video compete for exposure, and enter new markets





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

**Responding to the water crisis, GSD market strategy adjusted:
Environmental protection + Water resources Management**

Green Product



Energy-saving products account for **13.44%** of the Group's consolidated revenue by 2024

- **Patent:**

As of January 10, 2025, there are 126 valid patents and 32 software copyrights.

- **Energy-saving certification**

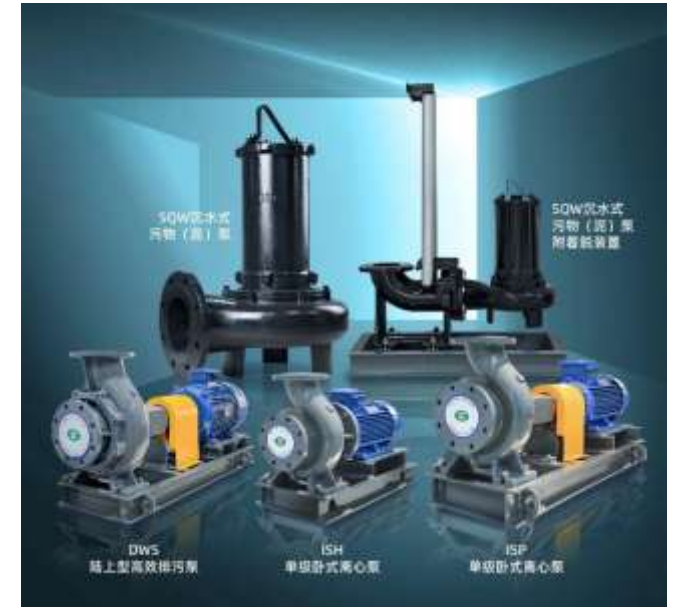
- Several pump series have obtained energy-saving certification
- Other energy-saving businesses including fluid mixing and sludge drying systems are also being promoted.

- **Efficient product development**

- The newly developed 2nd-generation water pump product not only has higher efficiency, but also increases the parts sharing rate
- The new generation of sludge dewatering machine can control the moisture content of the sludge at <80% without adding chemicals, and the moisture content can be controlled at around 70% by adding modifying agents, greatly improving the dehydration efficiency.

- **Intelligent Product**

- GSD with the theme of "Water Resource Management Platform" won the competition, winning the championship for three consecutive years.
- Subsidiaries in China also made concrete progress, delivering 1 agricultural pollution control project, 2 water environment projects and one water conservancy dispatching project.



Helping customers achieve green transformation



〈 Spinning wastewater treatment case for a new material company 〉

Wastewater treatment is an important environmental protection task. An effective sewage treatment process can reduce the impact on the natural environment.

	Before	After	Save
Annul Power Use (kwh)	420,000	335,000	85,000
Annul Sewage Discharge(t)	181,500	61,050	120,450

A precision processing factory in Zhejiang

- **Energy-saving renovation project** of chilled water and cooling water systems of air-conditioning system in factory building.
- Through energy-saving renovation, **349,123 kWh** can be saved annually, energy saving is **15%**, and CO₂ emissions are reduced by **180 tons** per year.



Sustainable Actions



Annual Outstanding Employee

Gifts and condolences to retired employees



Parent-child environmental protection activities

Recycling activity



Business logic training

Solar Power



New Year's Candy



Blood Donation



Green actions on food

Sustainable Actions



Visits by government officials



Resource Recycling



Aid Program for Poor Student

GSD Sustainable Actions



Donating daily necessities to remote villages



Caring for the poor in the community



Students visit off-campus internship bases



From Technology R&D to Product

From Environment Treatment to Assisting customers in Low-Carbon Development

GSD practices Green, Safe, and Development Concepts

Seeking Better Green Solutions for Water Treatment and Continuously Improving



THANKS

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