



時碩工業 Global Tek (4566)

2025 Q4 Investors Conference

GLOBALTEK

April 10, 2026

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議程

1. Group Overview

2. 2025 Q4 Financial Results

3. Business Development and Strategic Planning

4. Market Outlook

5. Conclusion

Group Overview

Group Overview

Management Team

Chairperson: Zuying Liu

President: Donald Huang

Group Size

1,329 employees (2025/12/31)

Milestone

Established: 2008/11/7

Public Offering: 2016/12/5

OTC Listing: 2017/2/24

Listed: 2018/2/5

Group Background

- Capitalization: NT\$1.098 billion (2025/12/31)
- Precision metal machining for automotive safety system components, powertrain system components, NEV system, industrial applications and aerospace
- Global Teams serve global customers with flawless executions around the clock

Headquarter

- New Taipei City, Taiwan

Marketing and Technical

Supporting Office

- Arizona, USA
- Roth, Germany
- Tokyo, Japan

Key Overseas Warehouse

- Kirkco, UT, USA
- Klesk, MI, USA
- Rosendahl, Netherlands

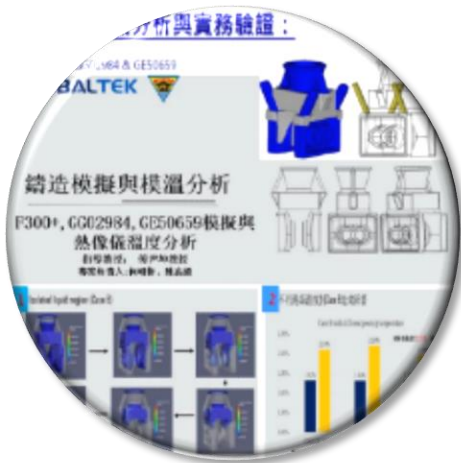
Production and Marketing Bases

- Xinwu Plant, Taiwan - Automotive/Industry/Aerospace
- Youth Plant Taiwan - Industry/Semiconductor
- Aviocast, Taichung Taiwan – Aerospace (75% controlling interest)
- Wuxi, China - Automotive/Medical
- Suzhou, China- Automotive (100% control)
- Xi'an, China – Industry
- Tongchuan, China – Industry
- **Chonburi, Thailand — Automotive/Industry/Aerospace - under construction (trial operation in 2026 Q1)**

Leading Global Precision Manufacturing Strategical Partner

One-stop precision metal solutions covering forming, machining, and finishing services. Serving automotive safety & braking, bicycles, industrial instruments, semiconductors, aerospace, and medical sectors.

DESIGN & DEVELOPMENT



Regulation, Standard, SPEC, 3D Modeling, Engineering Drawing, CAE, etc.

FORMING



Cutting, Forging, Casting, Deep Drawing, Stamping, Extrusion, MIM, 3D Printing, etc.

MACHINING



Turning, Milling, Grinding, Boring, Broaching, Hopping, Shaping, EDM, etc.

TREATMENT



Heat Treatment, NDT, Surface Treatment, Testing, Painting, Welding, etc.

POST-SERVICE



Inspection, Testing, Welding, Assembly, Logistics, etc.

Deepening Local Presence & Scaling Up Production Scope



China: Xi'an, Tongchuan
(Industrial Application, Investment Casting)



Taiwan: Xinwu, Youth
(Automotive, Industry and Aerospace)



China: Wuxi
(Automotive, Medical, Emerging)



Taiwan: Taichung
(Aerospace-grade precision aluminum alloy sand casting and investment casting)



China: Suzhou
(Stamping, Deep Drawing, Forging)



Chonburi, Thailand
177,600 square meters of land
100km from Bangkok

Business Development and Product Milestone


Continuous Research and Development Excellence Breakthrough



Core Business Philosophy

- Niche market and valuable customers
- Professional talent staffs pool & organic organization
- Synergistic Cluster Ecosystem
- Continuous Research and Development Excellence

MEDICAL

 2019

Certification

- Contract Manufacturer
- ISO 13485 Certified
- Strategic Alliance


Mass Production

- Process Development
- Establish Production Line
- Process Validation

Product

- Endoscopic Cutting Staplers
- Surgical Robots

AEROSPACE

 2006

Certification

- AS9100 and FPI NADCAP Certified
- Global Players Approval

Business Operation

- Forming, Machining and Post Treatment OSS Service Provided
- High volume and High quality Required

AUTOMOTIVE

 2004

Safety

- CSC Cleanness Steel
- Forging Process
- SCM


Powertrain

Provide VA/VE, forging and automation production service .

Smart NEV

Provide one-stop VA/VE total service with Precision machining and forming technologies

INDUSTRY

 2000

Instrumentation & Semiconductor

- Forging, Casting and Machining Capabilities
- Establish strategic partnerships with Global Players: Emerson , E+H, Siemens , Parker ,VAT , ASCO

Bike

- Hi-end and Electrical Bikes key components
- Gates, FOX, etc.

Automation and Optical

- Optical Sight Parts
- Robotics Parts
- Ultra Precision Flow Control Parts

Thermal Management

Humanoid Robot

2025 Q4 Financial Results

25Q4 Consolidated Financial Statement

NTD Thousand	25Q4	25Q3	QoQ	24Q4	YoY
Net Operating Revenue	1,216,561	1,269,213	(4.2%)	1,197,239	2%
Gross Profit	275,799	247,752	11.3%	245,783	12%
Operation Income	43,227	71,258	(39.3%)	8,592	403%
Income before Tax	100,963	130,172	(22.4%)	(32,129)	N.A.
Net Income	76,425	101,035	(24.4%)	(57,366)	N.A.
Basic Earnings per Share(NT\$)	0.52	0.94		(0.36)	N.A.

1. Q4 gross margin at 22.7% (vs. 19.5% QoQ), supported by FX tailwinds and NT\$25m inventory write-back.

2. Q4 operating margin at 3.6% (vs. 5.6% QoQ), impacted by higher opex from Japan office settlement, one-off hiring, and bonus accruals.

Note: All percentages and figures are calculated based on the rounding method.

2025 Consolidated Financial Statement

NTD Thousand	2025	2024	YoY
Net Operating Revenue	4,976,319	4,797,370	4%
Gross Profit	1,102,061	1,040,921	6%
Operation Income	220,250	157,476	40%
Income before Tax	201,872	279,091	(28%)
Net Income	137,223	196,860	(30%)
Basic Earnings per Share(NT\$)	1.36	2.48	(45%)

1. FY2025 gross margin at 22.1% (vs. 21.7% in FY2024), slightly improved, mainly driven by a NT\$25m inventory write-back.

2. FY2025 recorded FX loss of NT\$45m (vs. FX gain of NT\$141m in FY2024).

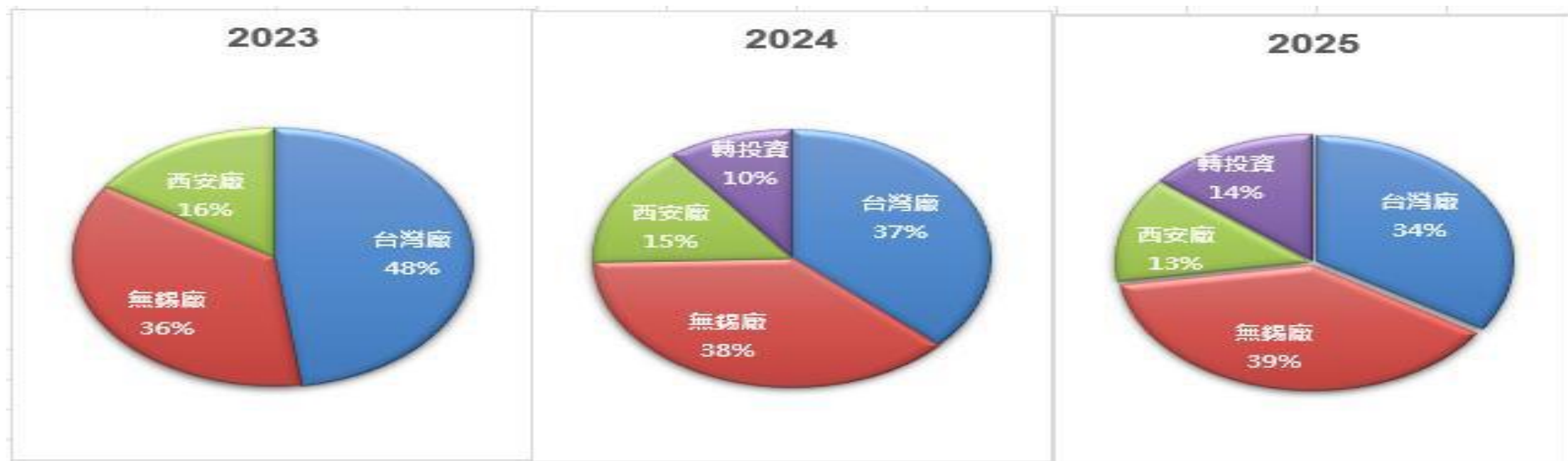
Note: All percentages and figures are calculated based on the rounding method.

Revenue Breakdown by Product Application



項目	2023	2024	2025	成長率 (對比去年同期)
NTD:K	金額	金額	金額	
汽車制動	1,331,279	1,615,212	1,678,770	4%
汽車安全	849,614	771,509	756,643	-2%
工業應用	1,795,801	1,737,967	1,652,993	-5%
航太應用	231,763	672,683	887,912	32%
合計	4,208,458	4,797,370	4,976,319	4%

Revenue Breakdown by Production Site

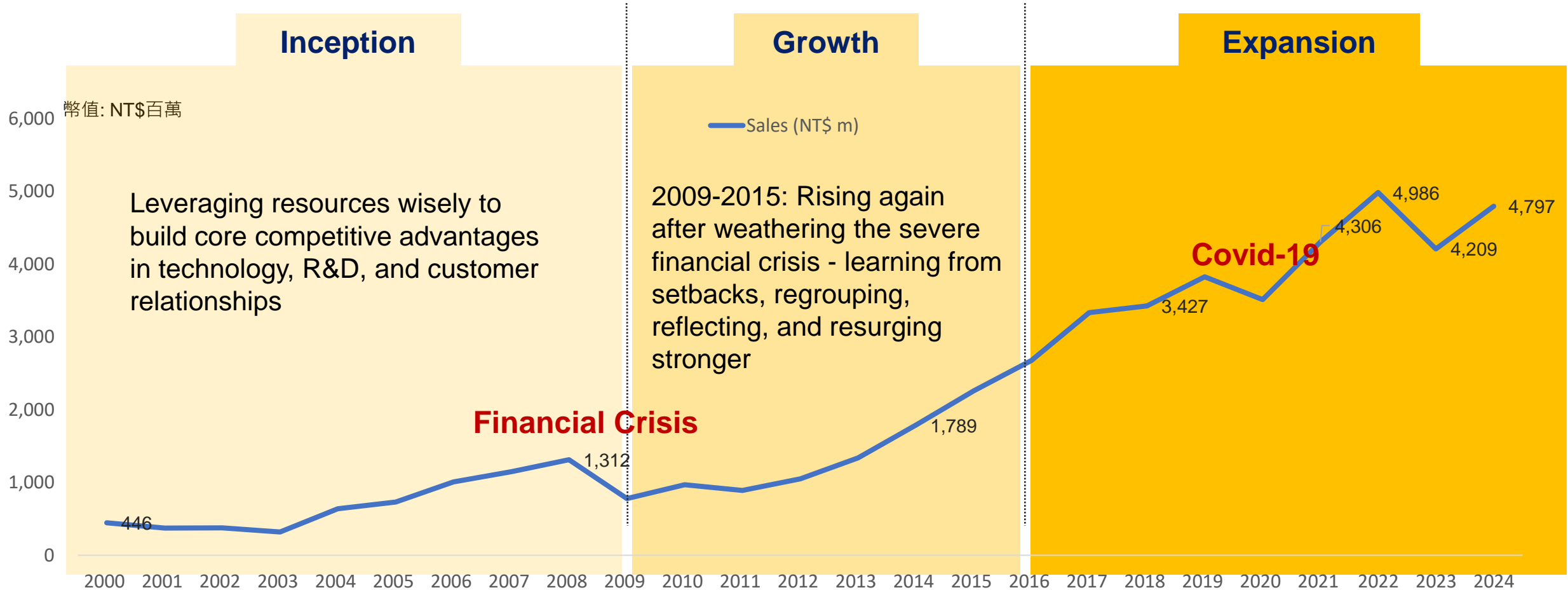


項目	2023	2024	2025
(NTD K)	金額	金額	金額
台灣廠	2,014,247	1,765,941	1,696,418
無錫廠	1,530,656	1,809,905	1,911,706
西安廠	663,556	735,152	665,593
轉投資	NA	486,372	702,601
合計	4,208,458	4,797,370	4,976,319

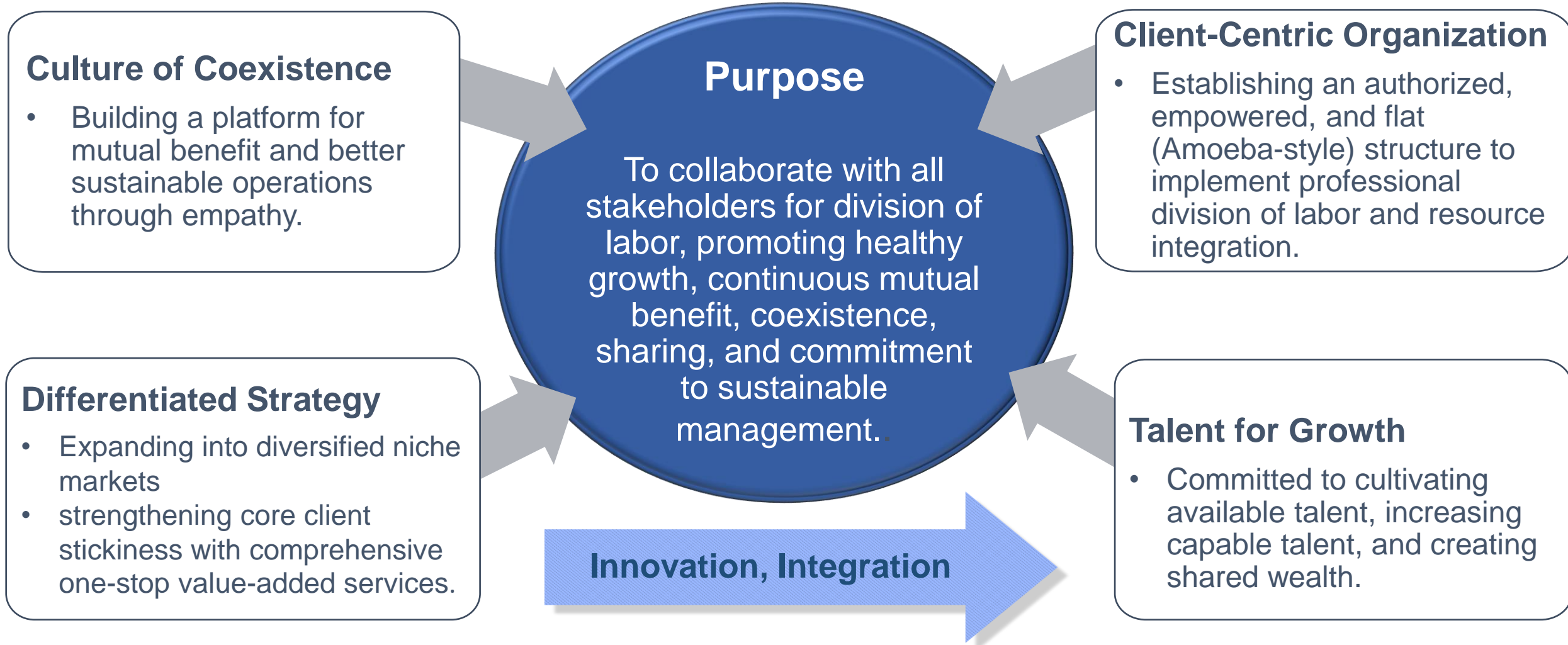
Business Development and Strategic Planning

Vision for Sustainable Growth: Challenging the Critical Business Benchmark

2025 Revenue: NT\$4.98 billion



Our Purpose - Culture, Strategy, Organization, and People



Leading in the Metal Products Industry

Strengthening Up and Scaling Up in the Global Market

Traditional SMEs/ Machining Plants

- Focus on Core Competencies:** First- and second-generation SMEs possessing technical and manufacturing capabilities continue to specialize in their core business.
- Collaborative Platform:** Intends to pool willing operators from SMEs to build a large platform for **mutual scaling** and growth.

Global Tek/ Cluster Leader

- Market Track Record:** Possesses substantial experience, proven results, and a strong reputation in various niche markets.
- Partnership for SMEs:** Establishes strategic partnerships to build a platform for SMEs to achieve **coexistence, co-prosperity, and mutual growth**.
- System Integration:** Committed to building a **fully integrated smart manufacturing system** and strengthening the **ESG framework** within the industrial cluster.

Global Tier-one System Suppliers

- M&A Growth Strategy:** Global Tier-one players are expanding their product and service scope through **M&A (Mergers and Acquisitions)** mechanisms to achieve greater economies of scale.
- Strategic Expectation:** These suppliers seek partners with economic scale and international recognition, anticipating that such strategic partnerships will facilitate their sustained growth.

**Local Ecosystem
Integration**

**Driving Future
Innovation**

Global Market Expansion

Organizational Transformation

Restructuring Responsibilities and Authority Among BU, Production Sites, and Headquarters - Enhanced Specialization, Resource Optimization, Scalable Growth Framework

HQ

Overseas Offices (Germany · USA · JAPAN) +
Corporate Management Center

BU

Automotive

49% 2025 revenue

BU

Industrial

33% 2025 revenue

BU

Aerospace

18% 2025 revenue

EMERGING

Medical
Device

WX

TW

TH

TW

XA/
Tongchuan

TH

WX

TW
(XinWu)

TW
(Aviocast)

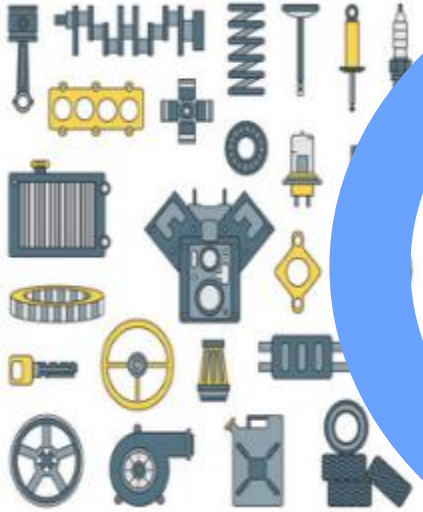
TH

TW

WX

Market Outlook

Continuous Developments on Emerging Market Applications



Automotive • Steering shafts, knuckles • Solenoid valve components • Plunger cylinders, plunger bodies • Valve cores, valve bodies • Fixed & orbiting scroll plates • Gas generators • Charging port terminals • Center bolts • Motor shafts

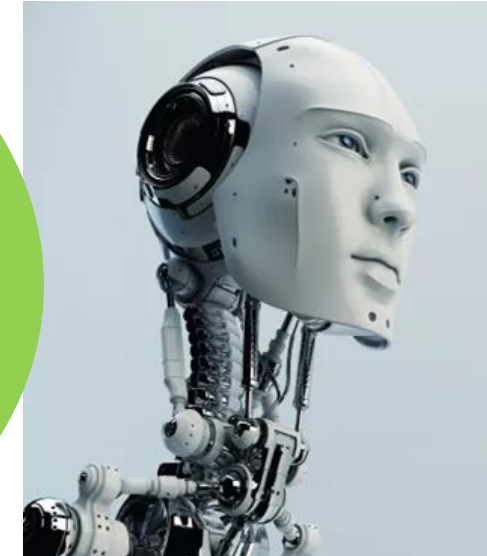
Lean Manufacturing
 • One-stop turning/milling production/automation • Automated visual inspection • AGV automated transport • Full MES digitization

Water Cooling Server Thermal Management
 Modules Complete Product Solutions • Machining • Forging • Investment casting • Stamping • Assembly • Welding



Medical Device Components
 • Endoscopic cutting staplers & assemblies • Surgical robots & components

Robot Key Components
 • Harmonic reducer parts • Finger joint components
 Lean Manufacturing • One-stop turning/milling production/automation • Automated visual inspection • AGV automated transport • Full MES digitization

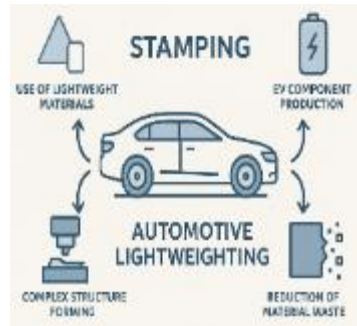


Further Expanding Product Applications Driven by Electrification, Lightweighting & Intelligence



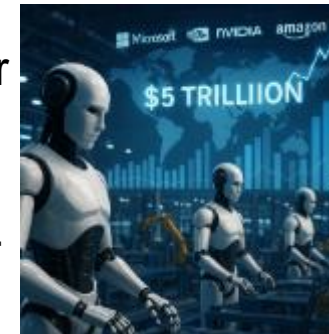
1. Electrification Trend Automotive

Electrification drives demand for EV components including chassis, thermal management, and e-drive systems.



2. Lightweighting Trend Industry focus on

Lightweight components for improved efficiency and range. Collaborating with Global Tek Suzhou for one-stop stamping services including battery casings and chassis parts.



3. AI & Humanoid Robots Growing

Applications across healthcare, manufacturing, education, and smart cities. Global Tek Wuxi expanding into AI server cooling connectors and robot actuator components.



Automotive Applications - New Energy Vehicle Business Opportunities

Dual Focus on ICE & NEV - Diversifying Risks Across Global Markets



➤ **充電與熱管理系統**
Charging Socket, Thermal Management Components

➤ **安全系統**
Inflator, Seatbelt, etc.

➤ **線控系統**
LiDAR, Sensor, Motor, Actuator Pump, and Parts etc.

➤ **驅動電機系統**
Motor, Shaft, Metal Parts

➤ **傳動系統**
TVDC, Clutch, NVH Control, Energy Saving

Markets &
Customers

Applications
& Products

Techniques
& Service

Thermal Management Solutions – Co-Development



Liquid cooling Applications :

1. **ADAS: Liquid cooling for advanced vehicle system**
2. **High-Performance Computing (HPC)**
3. **Artificial Intelligence(AI)**
4. **Data Centers**

➤ **Coolant Distribution Units(CDUs)**
Pump, Filtration, metal parts

➤ **Cold Plates, Racks, Metal Parts**

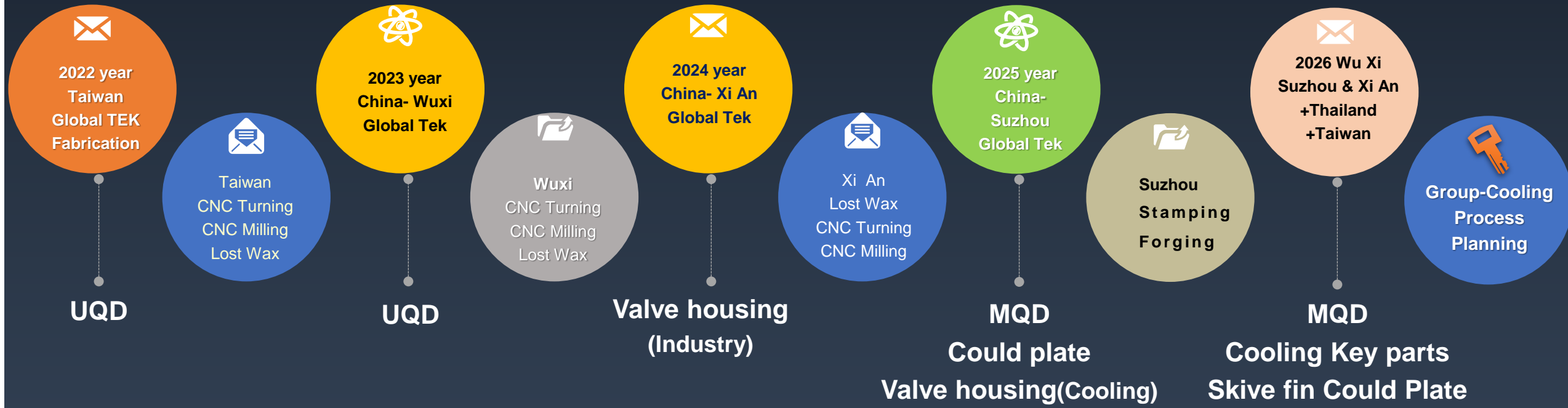
➤ **Liquid Loops**
Tubing, Fitting, Manifold, Metal parts

**直接液冷
(DLC)**

**直達晶片
(D2C)**

**浸沒式液冷
(Immersion Cooling)**

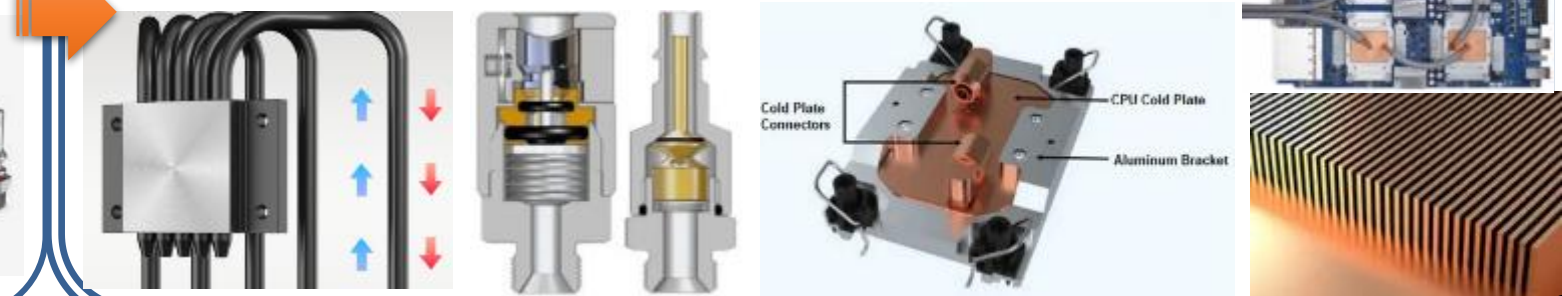
Expanding Multi-Process Capabilities to Drive Liquid Cooling Revenue Ramp-Up



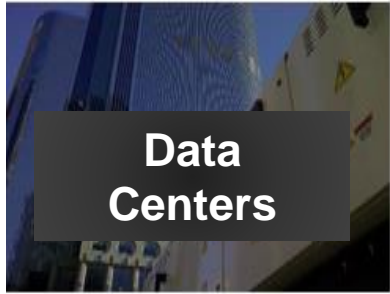
Universal Quick Disconnect
Water cooled quick connector



Multi-Quick-Disconnect Water cooled quick connector
& Manifold pipe-Valve housing & Could plate



HPC Power Demand Driving Oil-Free Magnetic Compressor Market Expansion



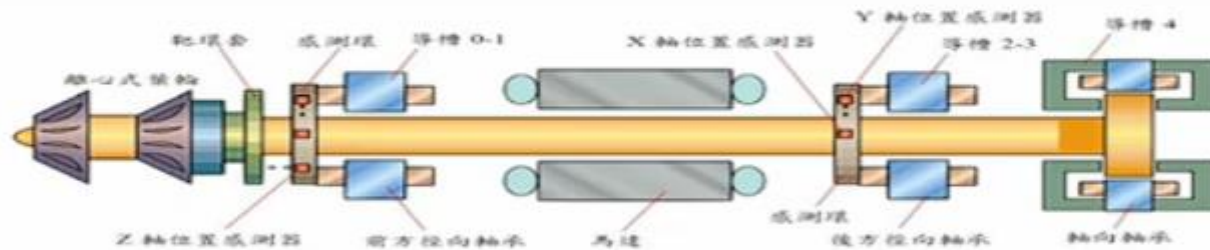
Key Market Statistics

2025 Base	\$1.37B
2026E	\$1.54B
2032E	\$3.14B
CAGR	12.51%

Oil-Free Magnetic Compressors – Driving Innovation and New Market Opportunities

Operating Principle

High-Speed Magnetic Levitation Shaft Operation



- The shaft is levitated by magnetic force generated by magnetic bearings
- Once fully suspended, the motor drives the shaft to rotate at high speed

Conventional Screw Chiller



- Requires external oil separator and inverter cabinet
- Larger footprint, higher height and weight, higher noise levels
- High starting current
- Requires oil lubrication system and additional protection equipment
- Lower part-load efficiency, higher maintenance costs

Magnetic Bearing Centrifugal Compressor



- Oil-free design, no oil separator or inverter required
- **20–45% reduction in footprint**
- **25–30% lighter weight**
- Lower noise level (**50–70 dB(A)**)
- Higher part-load efficiency
- **0.34–0.43 kW/RT**, achieving **20–30% energy savings**

Key Advantage

Magnetic Bearing Technology Benefits

- Oil-free design → eliminates gearbox losses (Conventional: ~10 kW vs. Magnetic: ~180 W)
- Low friction → energy savings, longer lifespan, reduced maintenance costs
- Low vibration & low noise (Conventional: ~84 dB vs. Magnetic: ~70 dB)
- Low resistance → significantly reduced starting current (Conventional: ~500 A vs. Magnetic: ~2 A)
- Compact footprint
- Lightweight design
- Low starting current
- Low noise levels
- Variable frequency energy savings
- Reduced maintenance requirements
- High efficiency maintained even under partial load

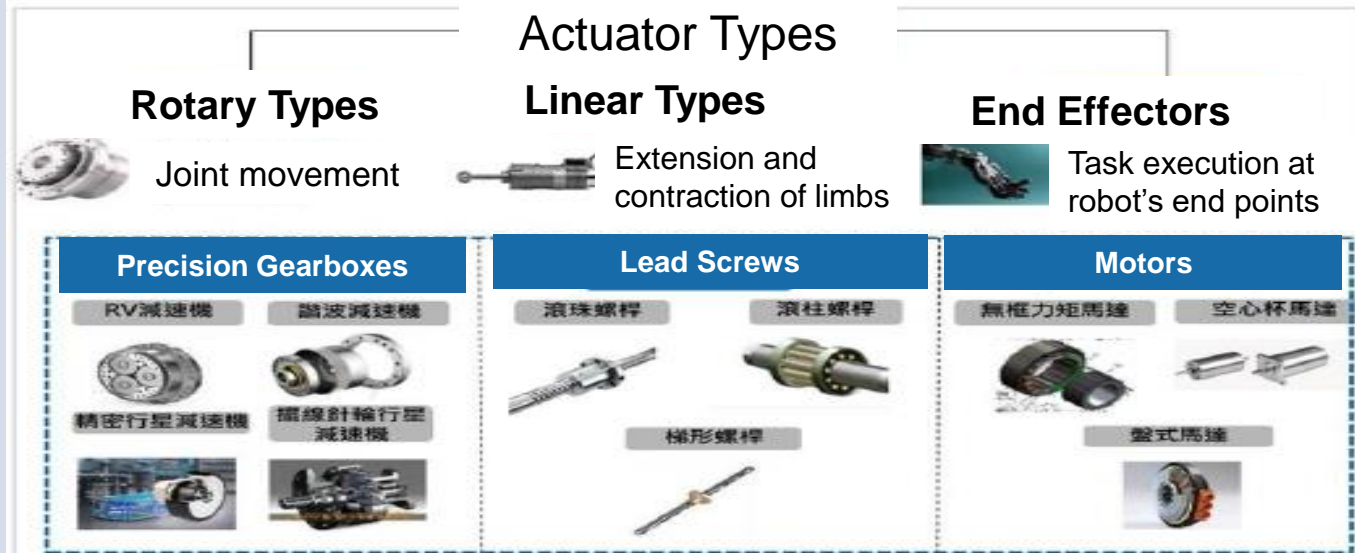
Oil-Free Magnetic Technology Delivering Superior Efficiency, Lower Costs, and ESG Benefits

Robotics Precision Actuators – Rotary Joint Components

Humanoid Robot Hardware Architecture

- Head: Multi-sensor system
- Torso: Power, computing & thermal modules
- Arms/Legs: Rotary & linear actuators
- Hands: Precision motor & micro mechanisms

Robot Actuator System



資料來源：工研院產科國際所



Comprehensive One-Stop Aerospace Solutions – Capturing Expanding Opportunities from Future Fleet Growth



Niche Markets

- Commercial
- Defense
- LEO
- eVTOL

Process

- Casting, Machining and Post Treatment Service Provided

Certification

- AS9100 and FPI NADCAP Certified
- Global Players Approval

Market Recovery

Next-Generation Engines

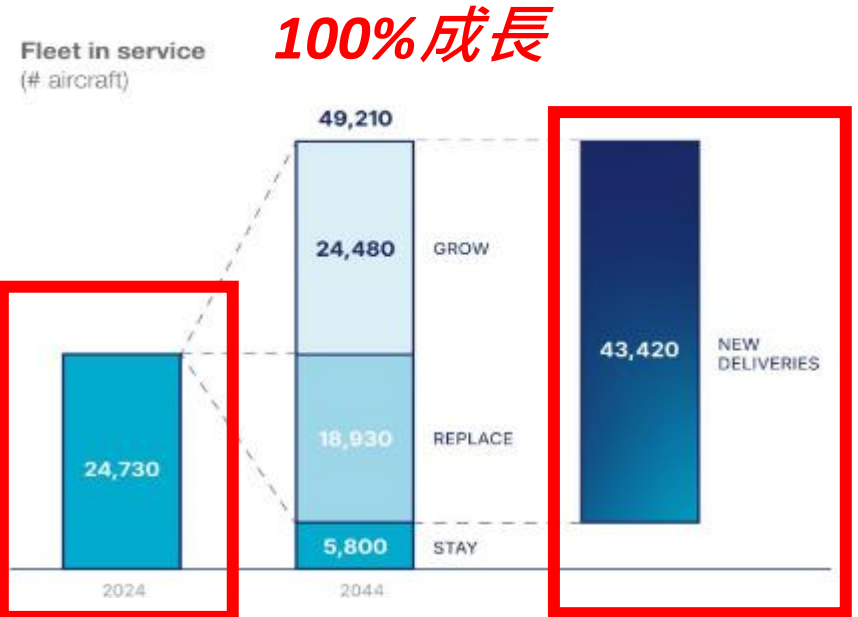
Emerging Opportunities

➤ 發動機零組件
Engine Components

➤ 輔助動力系統
APS

➤ 環控系統
Environment Control System

Demand for 43,420 passenger+freighter aircraft



Global Tek + Aviocast Core Competitive Advantages

One-Stop Aerospace Solutions in Aluminum Precision Casting, Sand Casting, 5-Axis Machining, and Integrated Post-Processing



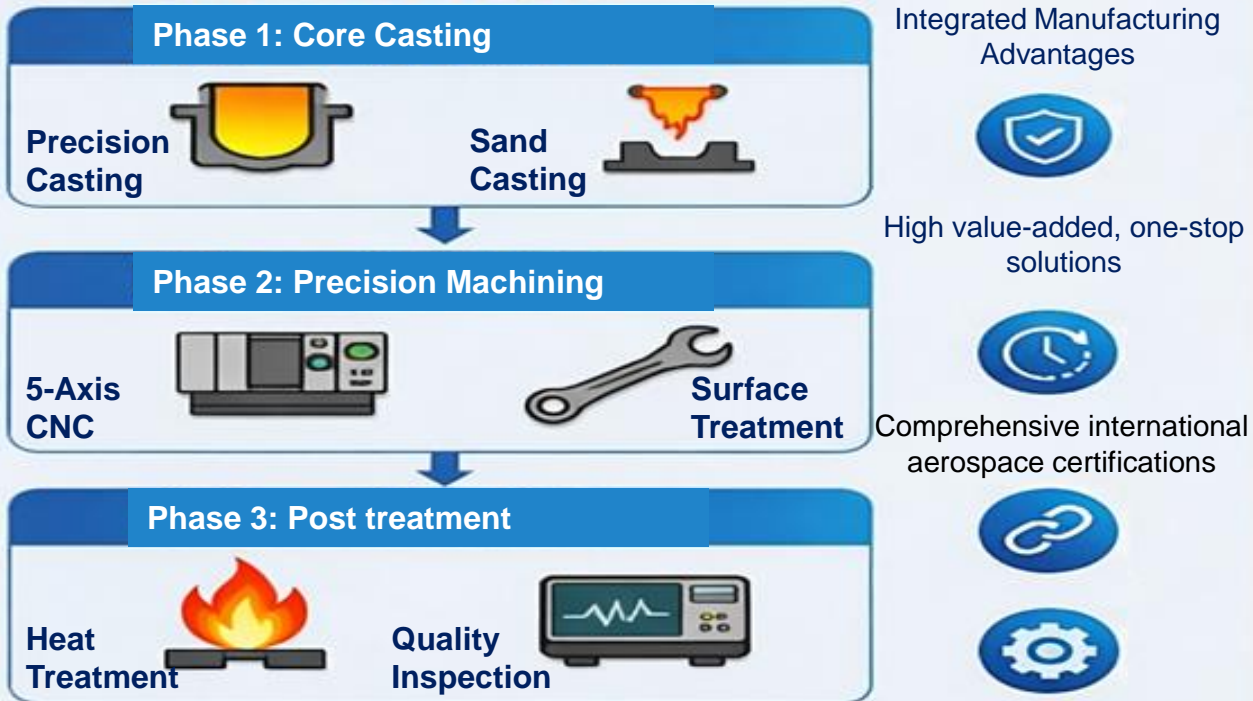
- Aerospace-grade aluminum casting expertise
- High-strength, thin-wall, complex components
- Ongoing R&D and capacity upgrades
- Green manufacturing & ESG alignment

- Advanced engineering & process control ensuring consistent quality
- AS9100-certified aerospace quality system
- NADCAP-certified special processes meeting global standards
- End-to-end quality inspection & traceability for zero-defect assurance

Global Tek + Aviocast: Expanding Growth Across Applications

Globalized, Specialized One-Stop Solutions for High-Precision Aerospace Components

Core Technology Leadership



- High-end aerospace components
- Large, medium, and small castings
- High-strength, thin-wall, complex cast components

Synergy-Driven Growth with Expanding Margin Upside



Synergy Expansion

Operational integration unlocking significant upside

Margin Expansion → Earning Acceleration



Aerospace Market Growth

Supported by sustained Boeing & Airbus demand

Scaling Integration to Capture Value Across the Value Chain

Aerospace Division Vertical & Horizontal Integration

Taichung Aviocast + Xinwu Global Tek + China (Xi'an & Suzhou) + Thailand

Aviocast:
Precision
aluminum casting
+ sand casting



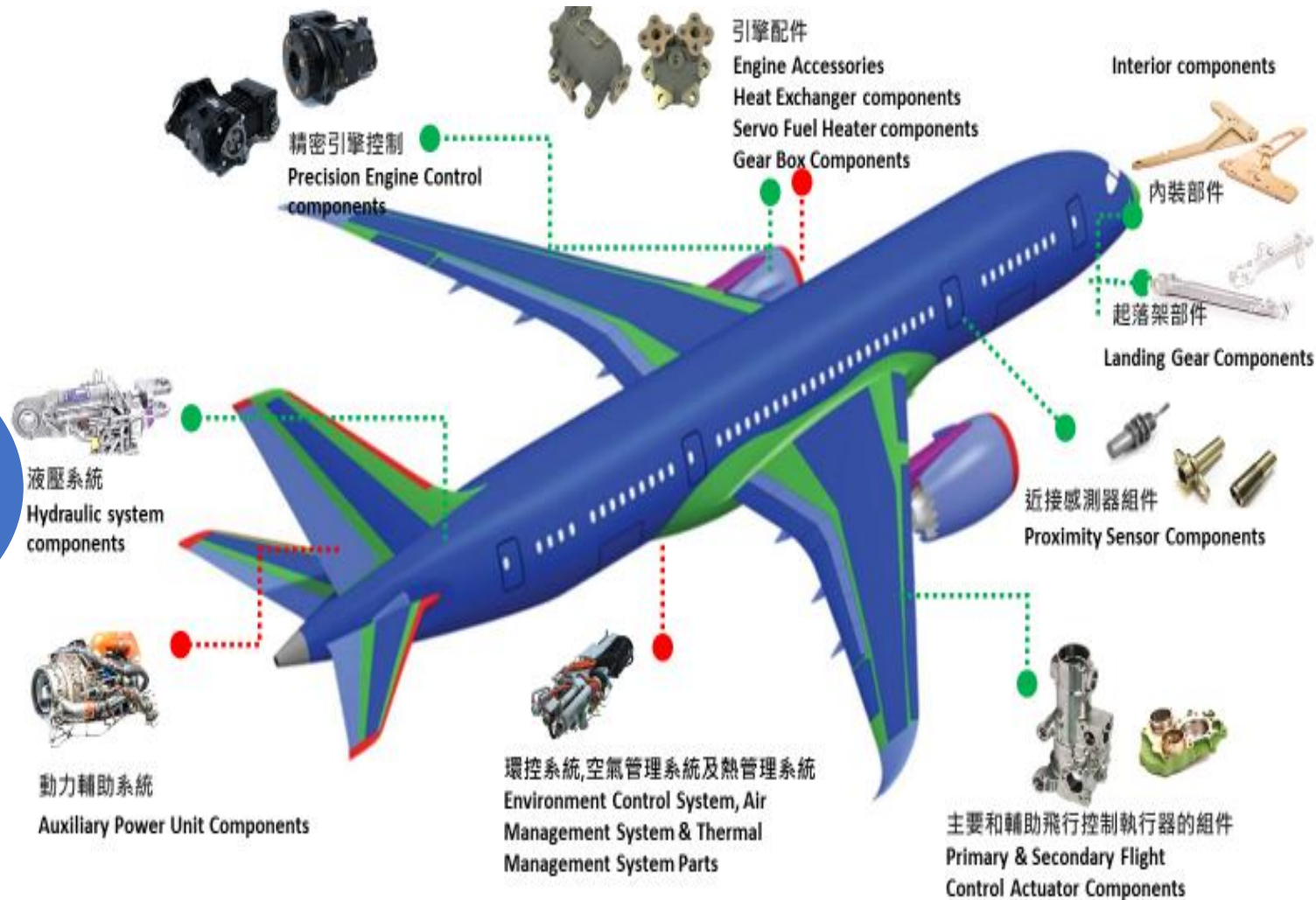
NADCAP
Heat treatment,
surface treatment,
painting + non-
destructive
testing



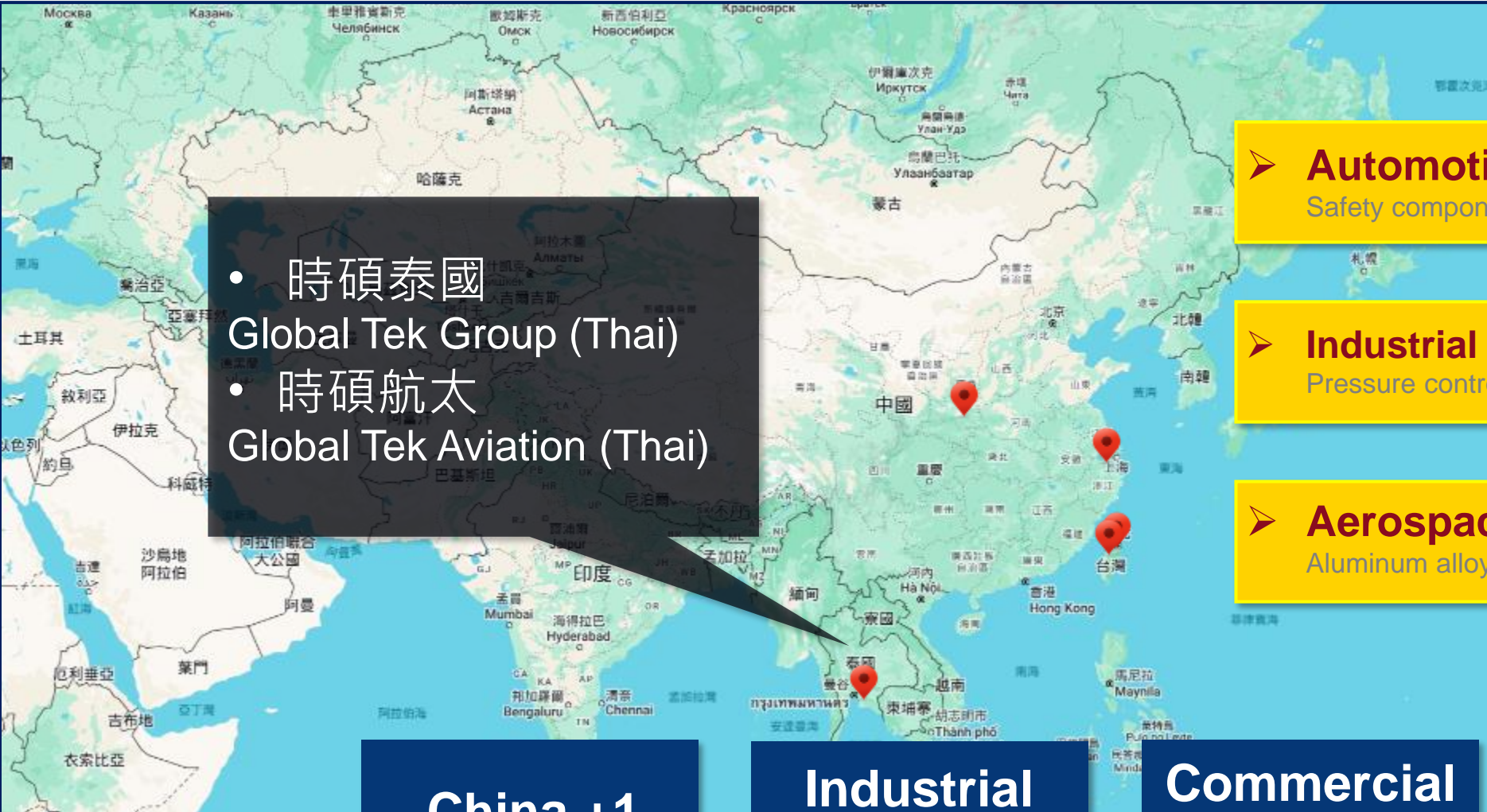
Global Tek:
Precision 5-axis
machining



One-stop
comprehensive
aerospace
services



Expanding into ASEAN – Establishing a 33,000-ping new plant in Chonburi, Thailand



- 時碩泰國
Global Tek Group (Thai)
- 時碩航太
Global Tek Aviation (Thai)

➤ **Automotive Components**
Safety components, drive shafts, and motor shaft

➤ **Industrial Instrument Components**
Pressure controllers

➤ **Aerospace Components**
Aluminum alloy precision casting and machining

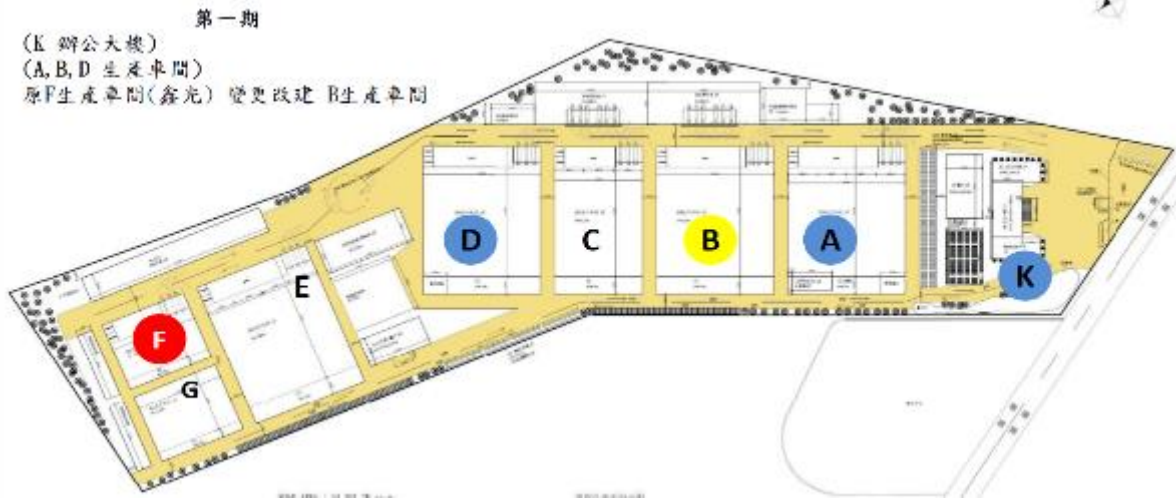
China +1

Industrial Cluster

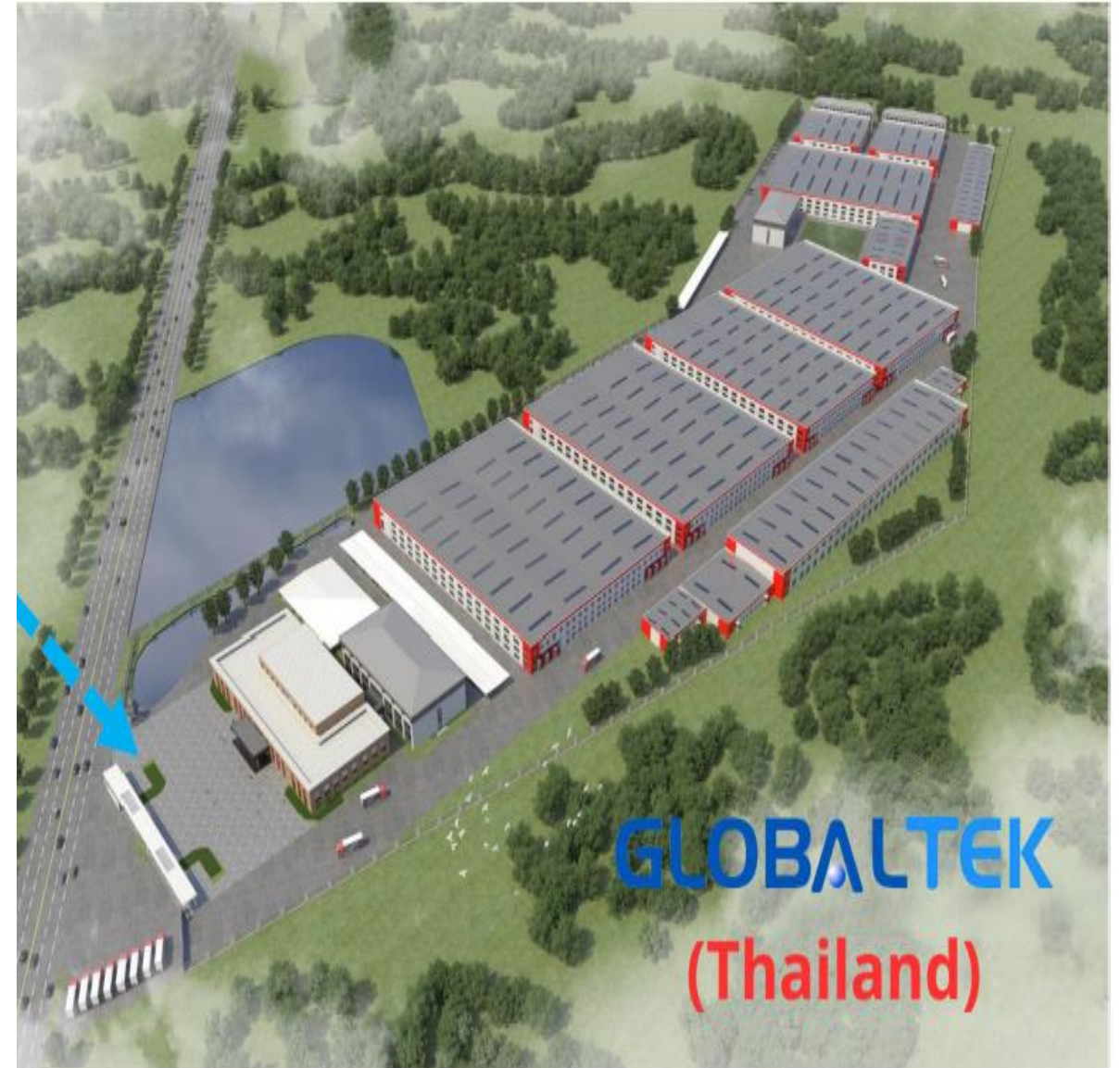
Commercial Aerospace

Thailand Chonburi Plant – Phase I completed

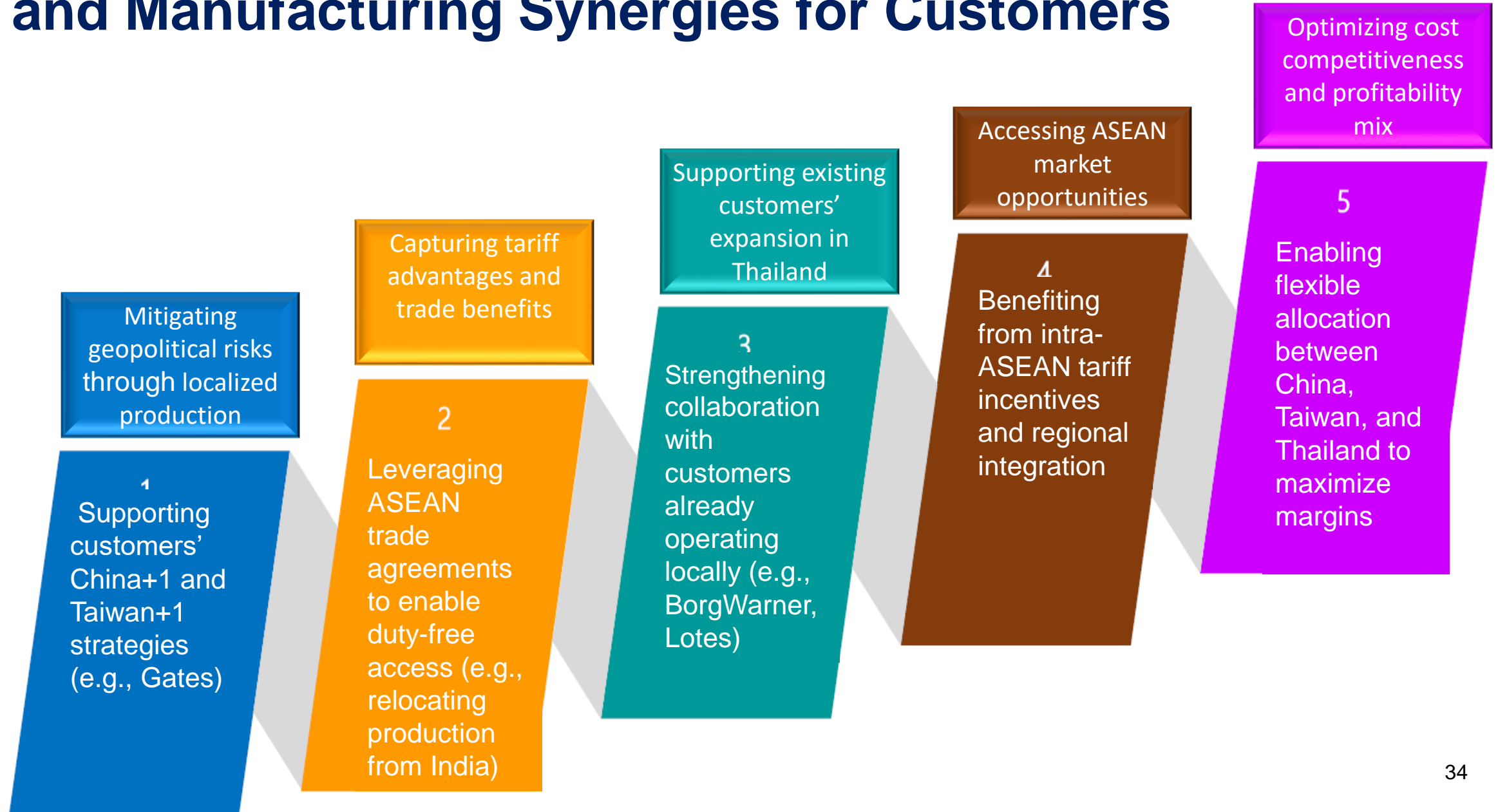
Commencing trial operation and product qualification



1. Building Area: 108,482 m²/32,815 ping
2. Construction Plan: Includes 7 plants and 2 office buildings
3. Phase One (bld. A and D, office complex): expected trial operation Q1 2026.
4. Target Market : Existing customers' ASEAN operations and Chinese automotive investments in Thailand
5. Strategy: Major clients diversifying supply chains by transferring orders to Thailand



Thailand Chonburi Plant – Enhancing Operational and Manufacturing Synergies for Customers



Thailand Chonburi Plant

K1 Office Building



A Factory



B Factory



C Factory



Conclusion

Rising Momentum – Key Growth Highlights

- **Strengthening position in the NEV market with a diversified ICE + EV + PHEV portfolio**
Leveraging localized economies of scale and global expansion to drive sustainable and healthy growth
- **Advancing AI Data Center liquid cooling engineering and manufacturing capabilities**
 1. Supported by leading U.S. and Japan liquid cooling customers, expanding from UQD & MCP cold plates to high-precision manifolds (including forging, precision casting, stamping, machining, and stainless steel welding)
 2. Successfully entered magnetic bearing compressor supply chains, supplying key components to major U.S. brands and multiple China manufacturers
- **Entering humanoid robotics – actuator key components**
Supplying rotary joint components, with successful penetration into U.S. and China supply chains
- **Expanding aerospace & defense business with over 20 years of expertise**
 1. Providing integrated one-stop solutions through Global Tek and Aviocast
 2. Long-term partnerships with global tier-1 aerospace customers, with continued expansion of product portfolio
- **Expanding beyond China and Taiwan – Thailand manufacturing base**
Establishing Southeast Asia production to support global tier-1 customers' expectations for broader, deeper, and higher-quality collaboration



Thanks for attending

QUESTIONS

全球最佳戰略合作夥伴

GLOBALTEK

