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CONTENTS GUIDE

Week 31 · 25 July – 01 August 2026

FROM THE EDITOR	Weekly Strategic Assessment — 15-Sector Whitepaper
EU STRATEGIC SUMMARY	Sector-Based Opportunities & Action Points
NUMBERS OF THE WEEK	Key Data Tables & Indicators
UPCOMING EVENTS	China/Asia Business Events Calendar
OPPORTUNITIES	Chinese Medical Parts Manufacturers Directory
CATEGORY 01 · ECONOMY	Economy & Macro · 30 Headlines
CATEGORY 02 · BUSINESS	Business & Corporations · 30 Headlines
CATEGORY 03 · TECHNOLOGY	Technology & AI · 30 Headlines
CATEGORY 04 · POLICY	Policy & Regulation · 30 Headlines
CATEGORY 05 · INDUSTRY	Industry & Energy · 30 Headlines
CATEGORY 06 · MARKET	Market & Finance · 30 Headlines
CATEGORY 07 · INNOVATION	Innovation, R&D, Future Technologies · 30 Headlines
COLOPHON	Publication & Contact Information

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FROM THE EDITOR

Weekly Strategic Assessment · 15-Sector Whitepaper · Week 31 · 25 July – 01 August 2026

From the Editor's Desk:

SECTOR 01 Automotive & Components

GLOBAL LEADERSHIP AND TECHNOLOGICAL TRANSFORMATION
IN CHINA'S AUTOMOTIVE AND SUPPLIER ECOSYSTEM

Global Automotive Supply Chain, NEV Penetration, Battery Technologies and Direct Investments

1. Executive Summary

As the global automotive industry undergoes the fastest and most comprehensive transformation in its history, the epicentre of this process is unquestionably the People's Republic of China. Through its production scale, battery technologies, autonomous-driving software and vertically integrated supply-chain architecture, China has become a strategic force that sets global standards in both vehicle manufacturing and the automotive components industry.

As of 2025, China consolidated its global leadership with total vehicle production and sales exceeding 30 million units per year, while crowning its market share and technological edge in New Energy Vehicles (NEV) with fresh records. Far more than an export powerhouse, the Chinese automotive and supplier ecosystem is taking its localisation strategy to the next level with multi-billion-dollar direct investments across Europe, Latin America and Southeast Asia.

2. Record Volumes in the NEV Market and Export Dynamics

The clearest indicator of the pace of transformation in the Chinese automotive market is the share of New Energy Vehicles (BEV, PHEV and EREV) in the total market.

Market Penetration: NEV sales in China's domestic market reached 15.3 million units in 2025, achieving a 51.3% penetration rate of the total automotive market. This is the highest milestone in global automotive history at which electric vehicles overtook internal-combustion engines in a mainstream market.

Dominance of Domestic Brands: The share of China's own original brands (OEMs) in the domestic NEV market rose to 84%, while the share of foreign and joint-venture (JV) brands receded to 16%.

Export Leap: Having become the world's number-one automotive exporter with more than 4.9 million vehicles shipped in 2024, China increased its NEV exports by 94.2% year-on-year to 2.27 million units in 2025. Projections indicate that China's total vehicle exports will cross the critical threshold of 10 million units by the end of 2026.

Table 1: Summary Data on China's Automotive Market and Export Performance

Indicator / Parameter	2024 Actual	2025 Actual / Estimate	2026 Projection
Total Vehicle Sales (China)	~30.1 Million	~31.1 Million	~31.5 Million
NEV Sales Volume (China)	~11.9 Million	15.3 Million	~18.1 Million
NEV Penetration Rate (%)	45.2%	51.3%	58.3%
Total Vehicle Exports	~5.8 Million	~6.8 Million	10.0 Million
NEV Export Volume	~1.2 Million	2.27 Million	>3.0 Million

3. Global Dominance in the Components and Battery Ecosystem

At the foundation of the Chinese automotive industry's success lies a supplier ecosystem endowed with enormous economies of scale and technological competence. In battery-cell production, cathode-anode chemistry, power electronics (SiC/GaN semiconductors) and electric-motor components, Chinese suppliers form the backbone of the global market.

Battery Leadership Data: According to South Korea-based market research firm SNE Research, global EV battery installation volume reached 1,187 GWh in 2025, recording 31.7% annual growth. Chinese battery manufacturers alone dominate 70.4% of this market.

CATL (Contemporary Amperex Technology Co. Limited): Maintained its consecutive global leadership in 2025 with 464.7 GWh of installations and a 39.2% global market share. The company grew its net profit by 42% in 2025 to 72.2 billion Renminbi (approximately USD 10.5 billion).

BYD (FinDreams Battery): With its vertically integrated model and self-produced Blade Battery LFP cells, BYD ranked second worldwide with 194.8 GWh of installations and a 16.4% market share.

Other Chinese Majors: Manufacturers such as CALB, Gotion High-Tech, EVE Energy and SVOLT strengthened their positions within the global top ten, supplying the bulk of worldwide volume.

LFP (Lithium Iron Phosphate) Technology: In LFP batteries — offering low cost, high safety and long cycle life — China accounts for more than 90% of global production.

Semi-Solid State and Sodium-Ion: As of 2025, Chinese component makers have taken semi-solid-state batteries with 350–400 Wh/kg energy density into series production, while commercialising sodium-ion batteries widely in the urban small-NEV segment.

4. OEM and Global Foreign Direct Investment (FDI) Strategies

Rather than relying solely on completed-vehicle (CBU) exports, Chinese automakers are expanding their global production networks through direct investment. Overseas production capacity of Chinese brands is expected to reach 3.4 million units by 2030.

BYD: Delivered a total of 4.60 million NEV sales in 2025, overtaking Tesla to become the world's number-one brand in the fully electric (BEV) market (2.25 million pure BEV sales). The company is widening its global footprint with direct manufacturing plants in Thailand (Rayong — 150,000-unit capacity), Brazil (Camaçari), Hungary (Szeged) and Türkiye (Manisa — USD 1 billion investment).

Chery Automobile: With its export-led strategy, Chery sold more than 225 thousand NEVs in overseas markets in 2025, achieving a record 489% growth in its export segment.

Tech Companies' Automotive Integration: Xiaomi entered the market with its SU7 model and broke into the 2025 NEV top-ten shortly afterwards, posting 218% annual growth. Huawei, through its HIMA (Harmony Intelligent Mobility Alliance) ecosystem and the Aito, Luxeed and Stelato brands, has cemented its position as a value-added supplier of smart-vehicle software and hardware.

5. C-Suite Perspective: Implications for the Global Supply Chain

The momentum captured by China's automotive and components industry presents three fundamental strategic takeaways for global C-level executives:

The Scale Advantage of Vertical Integration: Chinese OEMs' vertical integration of the supply chain — from mineral processing to battery cells, from software to power electronics — delivers a 20% to 30% cost advantage over Western competitors.

From the Software Era to the Smart-Cockpit Age: AI-powered driver-assistance systems (NOA — Navigation on Autopilot), LiDAR integration and HarmonyOS/HyperOS-based smart-cockpit systems are redefining in-vehicle experience standards.

Restructuring of the Global Supplier Ecosystem: Simultaneous investment by Chinese Tier-1 and Tier-2 suppliers (for example Ningbo Tuopu, Huayu Automotive, Inovance) alongside Chinese OEMs in Europe and emerging markets is permanently reshaping the global components map.

CONCLUSION

China maintains its position as the undisputed leader of the electrification and digitalisation transformation of the global automotive industry, on the strength of its economies of scale, R&D speed and vertically integrated supplier base.

SECTOR 02

Moulds, Machinery & Precision Machining

TECHNOLOGICAL TRANSFORMATION AND GLOBAL LEADERSHIP IN CHINA'S MOULD, MACHINERY AND PRECISION MACHINING INDUSTRY

Industrial Machinery, High-Precision CNC Technologies, Industrial Mould-Making and Equipment Manufacturing

1. Executive Summary

The People's Republic of China has converted its vast manufacturing capacity into a high-value-added, advanced-technology structure, rising to a decisive global position in moulds, machine tools and precision machining. The transition from traditional production methods to high-precision 5-axis CNC systems, sub-micron-tolerance injection moulds and automation-driven machining centres reinforces China's strategic weight in global supply chains by the day.

Demand for high-precision components from the electric vehicle (EV), aerospace, medical devices, semiconductor and consumer electronics sectors has become the principal growth driver of China's machinery and mould industry.

2. Record Growth in Precision Machining and Machine Tools

The rapid acceleration of China's precision machining and CNC machinery market is clearly visible in international market-analysis reports:

- Market Size and Growth Projection:** China's precision machining market reached USD 23.99 billion as of 2025. The market is projected to rise to USD 25.79 billion in 2026 and to exceed USD 44.04 billion by 2033 at a compound annual growth rate (CAGR) of 7.9% over 2026-2033.
- CNC Dominance in Operations:** 85.03% of domestic precision-machining activity in China is performed with computer numerical control (CNC) technologies — confirming that the era of manual machining is over and that highly repeatable digital automation has become the standard.
- Share of Equipment Manufacturing:** According to China's National Bureau of Statistics (NBS), the share of equipment manufacturing in total industrial value added rose to 36.8% in 2025, with the relevant sub-sectors growing at 9.2% — 3.3 points above overall industrial output.
- Global Export Leadership:** China has rapidly expanded its share of the global machine-tool export market, becoming the number-one country with 19% of total worldwide machine-tool exports.

Table 1: Market Indicators for China's Precision Machining and Mould Industry

Sector / Indicator	2025 Volume (USD)	2026 Estimate (USD)	Global Market Share (%)
Precision Machining Market	23.99 Billion	25.79 Billion	19.4%
Injection & Industrial Mould Market	55.58 Billion	~58.9 Billion	17.8%
CNC Machining Share of Operations	85.03%	> 86.5%	—

3. Industrial Mould-Making and Plastic/Metal Injection Technologies

China's mould and die industry, as the foundation of precision-parts manufacturing, combines large-scale production capability with advanced materials engineering.

Injection Moulding Market Size: China's injection-moulding and mould-manufacturing market generated USD 55.58 billion in revenue in 2025, taking a 17.8% share of the global market. Under 2026-2033 projections, the sector is expected to surpass USD 88.37 billion at a 6% compound annual growth rate.

Segment Distribution: While plastic injection moulds hold the largest revenue share in mould production, metal injection (die-casting) and precision-casting moulds for aerospace and automotive structural parts stand out as the fastest-growing segment.

Micro and Nano Precision: Chinese mould makers are setting global benchmarks in the high-precision category, capturing micro-tolerance standards particularly in medical micro-injection and battery-cell cap production.

4. Strategic Assessment for the C-Suite

For C-level decision-makers in the global manufacturing ecosystem, China's transformation in moulds, machinery and precision machining offers clear strategic advantages:

High Cost-Performance Ratio: The rising share of domestic components in advanced 5-axis machining centres and Electrical Discharge Machining (EDM) equipment delivers high efficiency in capital expenditure (CapEx).

Shortened Time-to-Market: Integrated mould-and-machining ecosystems compress the transition from prototype to series production by 30% to 40%.

Industry 4.0 and Automation Integration: The spread of robotic loading cells, digital twins and AI-assisted quality-control systems across Chinese machining facilities is enabling near-zero-defect production standards.

CONCLUSION

With its enormous capacity, technological depth and automation level in machinery, moulds and precision machining, China resolutely maintains its position as the world's foremost production and technology base for the manufacturing industry.

SECTOR 03 Smart Factories & Industrial Robotics

GLOBAL LEADERSHIP IN CHINA'S SMART FACTORY AND INDUSTRIAL ROBOT TRANSFORMATION

Smart Manufacturing Ecosystem, Industrial Robot Stock, Lighthouse Factories and Industry 4.0 Integration

1. Executive Summary

As the digitalisation and automation race in global manufacturing accelerates, the People's Republic of China has cemented its position as the epicentre of industrial transformation with world records in smart-factory conversion and industrial robot installation. Thanks to strategic incentives from China's Ministry of Industry and Information Technology (MIIT), large-scale domestic technology production and AI-driven automation investment, the country single-handedly represents more than half of the world's total robotic production infrastructure.

According to the International Federation of Robotics (IFR) and global market-analysis reports, China is the first and only country whose operational industrial-robot stock has crossed the 2-million-unit threshold — resetting global manufacturing standards.

2. Historic Records in Robot Stock and Market Dynamics

China maintains a clear worldwide lead through the pace of automation it has achieved across the automotive, electronics, food, textile and metalworking sectors.

Operational Robot Stock: According to the IFR's World Robotics Report, the operational stock of industrial robots working in Chinese factories has reached 2,027,000 units — nearly half of the global total.

Global Installation Share: Of the 542,000 industrial robots installed annually worldwide, 295,000 units (54%) were commissioned in Chinese production facilities alone.

Dominance of Domestic Manufacturers: For the first time in history, Chinese robot makers have overtaken foreign rivals in their home market, lifting their share to 57%. This leap from around 28% over the past decade demonstrates the maturity of the domestic technology ecosystem.

Sectoral Spread: Electrical & Electronics remains the largest customer sector with 83,000 new robot installations (64% of global demand in the segment). Automotive recorded 57,200 new robot

integrations. Metal and Machinery reached an all-time high of 54,600 units, up 31% year-on-year. In traditional sectors, robot installations in food & beverage jumped 86% to 8,900 units (80% supplied domestically), while textiles rose 29% to 5,700 units (supplied entirely by domestic producers).

3. The Smart-Factory Ecosystem and the "Lighthouse" Transformation

China's smart-manufacturing strategy is not limited to individual robot installations; it targets the roll-out of end-to-end digitalised smart factories.

Smart Manufacturing Market Size: China's smart-manufacturing market reached USD 92.88 billion as of 2025 and is forecast to hit USD 110.26 billion in 2026. Over 2026-2033 the sector is projected to exceed USD 276.24 billion at an average annual growth rate (CAGR) of 14%.

MIIT 2024-2026 Smart Manufacturing Action Plan: China's Ministry of Industry and Information Technology has committed to establishing 10,000 national-scale smart factories nationwide by the end of 2026 and to reaching the target of 100 World Economic Forum (WEF)-endorsed global "Lighthouse Factories".

Investment Incentives: Subsidies under state-backed incentive programmes directly cover up to 30% of manufacturers' investments in smart automation, Edge Computing and Industrial IoT (IIoT) equipment.

Table 1: Key Indicators of China's Smart Factory and Robotics Sector

Indicator / Parameter	Current Level	Future Projection / Target
Operational Robot Stock (Units)	2,027,000	> 2,500,000 (2027)
Annual New Robot Installations (Units)	295,000 (54% Global Share)	> 350,000 / Year
Domestic Robot Makers' Market Share (%)	57%	> 65%
Smart Manufacturing Market (USD)	92.88 Billion (2025)	110.26 Billion (2026)
Targeted Smart Factory Count	~6,500+	10,000 Factories (End-2026)

4. C-Suite Perspective: Strategic Takeaways and Future Vision

For global industrial leaders, China's colossal smart-factory and robotics transformation offers three critical strategic advantages:

The Era of "Robots Building Robots": China's manufacturing sector has achieved uninterrupted 24/7 production without human intervention, powered by 5G-Advanced networks, AI-based quality-control algorithms and the "dark factory" concept.

Cost Discipline through Economies of Scale: With the domestic component ratio exceeding 57%, the cost of robotic hardware and smart cellular automation has fallen markedly relative to global competitors.

AI and IIoT Integration: The share of software systems in smart factories is rising rapidly; data analytics and predictive maintenance are cutting unplanned downtime by 30% to 45%.

Flexible and Rapid Production Capability: High automation density shortens new-product ramp-up times, delivering an unmatched competitive edge in time-to-market.

CONCLUSION

With its scale, deep technology integration and determined industrial policy, China continues to be the principal carrier of the global fourth industrial revolution in smart factories and industrial robotics.

SECTOR 04 Technology & Software

DIGITAL STRENGTH AND THE AI REVOLUTION IN CHINA'S TECHNOLOGY AND SOFTWARE ECOSYSTEM

Software Industry Revenues, Open-Source AI (LLMs), Domestic Operating Systems and Cloud Computing Infrastructure

1. Executive Summary

As the dynamics of the global digital economy are reshaped, the People's Republic of China is consolidating its global technology leadership through its performance in software engineering, open-source AI architectures, cloud computing and independent operating-system ecosystems. The latest figures released by China's Ministry of Industry and Information Technology (MIIT) show the country's software and IT services sector reaching trillion-dollar volumes at double-digit growth rates.

Across a broad spectrum — from traditional software solutions to generative AI, from autonomous-system software to drivers integrated with microchip architectures — Chinese technology majors are setting global standards through high efficiency, cost optimisation and open-source leadership.

2. Record Revenues and Market Size in the Software Industry

China's software and IT services sector retains its title as the world's fastest-growing technology market, propelled by digital transformation and domestic infrastructure programmes.

Total Software Revenues: According to MIIT data, total revenues of China's software industry rose 13.2% year-on-year to exceed 15.48 trillion Yuan (approximately USD 2.22 trillion).

Sector Profitability: Total sector profit grew 7.3% annually to 1.88 trillion Yuan, with companies' margins holding steady.

IT Services: The largest sub-sector, IT services, grew 14.7% to 10.64 trillion Yuan, forming the dominant backbone of total software revenues.

Cloud Computing and Big Data: Cloud computing and big-data services revenue rose 13.6% year-on-year to 1.62 trillion Yuan.

Information Security Software: Revenue from cybersecurity and data-protection solutions increased 6.7% to 223.5 billion Yuan.

Table 1: Performance Indicators of China's Software and IT Services Sector

Indicator / Sub-Sector	Annual Revenue (RMB / USD)	Annual Growth (%)
Total Software Industry Revenue	15.48 Trillion Yuan (~USD 2.22 Trillion)	13.2%
Total Sector Profit	1.88 Trillion Yuan	7.3%
IT Services	10.64 Trillion Yuan	14.7%
Cloud Computing & Big Data Services	1.62 Trillion Yuan	13.6%
Information Security Products & Services	223.5 Billion Yuan	6.7%

3. Global Dominance in AI and Open-Source LLM Architectures

Chinese technology labs and companies are redrawing the global AI map with the technological leaps they have achieved in Large Language Models (LLMs) and generative AI.

Open-Source Leadership and Token Share: According to global model-routing platform OpenRouter, 61% of all AI tokens processed worldwide are handled by AI models of Chinese origin.

Alibaba's Qwen Ecosystem: Alibaba's Qwen model family has surpassed 1 billion downloads worldwide and forms the base architecture of 40% of new derivative models on the Hugging Face platform.

Open-Weight Flagship Models: Moonshot AI's Kimi K3, with 2.8 trillion total and 104 billion active parameters, has become the largest model in the open-source world. DeepSeek V4 / V4-Pro, with 1.6 trillion total and 49 billion active parameters, has dramatically lowered compute and inference costs globally, opening a new era for the developer ecosystem. Z.ai GLM-5.2 and MiniMax M3 have posted

world-leading results in coding and complex-reasoning benchmarks (SWE-bench).

4. The Independent OS Ecosystem: HarmonyOS Records

The most tangible achievement of China's hardware-software vertical integration is the rapid spread of its native operating-system architectures.

Connected Device Volume: According to Huawei Developer Conference (HDC) data, the HarmonyOS ecosystem has reached 1.3 billion active connected devices, spanning smartphones, tablets, PCs, smart-home systems and in-vehicle infotainment screens.

Developer and App Ecosystem: Registered developers on the platform have reached 11 million, while active apps and services adapted to the native HarmonyOS architecture exceed 40 million.

Market Share: In China's domestic smartphone market, HarmonyOS has consolidated its position as the second-largest mobile operating system with an 18-19% share, overtaking iOS. Devices running HarmonyOS 6 alone number 66 million, with a year-end target of 100 million units.

5. C-Suite Perspective: Restructuring Global Technology Strategy

For global C-level executives, developments in China's technology and software ecosystem present three core strategic visions:

Radical Decline in Inference Costs: Chinese LLM developers' open-source, efficiency-first model architectures have significantly lowered enterprise AI integration costs.

Software Independence and Reliability: Domestic operating systems and native software architectures have created a digital infrastructure highly resilient to global supply-chain risks.

Scale in Cloud Computing: The 1.62-trillion-Yuan cloud market offers enormous data-processing capacity for AI training and inference workloads.

CONCLUSION

With its trillion-dollar software industry, dominance in open-source AI technologies and independent digital ecosystem, China continues to steer the future of the global information-technology sector.

SECTOR 05 Rare Earths & Battery Supply Chain

GLOBAL STRATEGIC STRENGTH IN CHINA'S RARE EARTH ELEMENTS AND BATTERY SUPPLY CHAIN

Rare Earth Elements (REE), Refining Capacity, Battery Cell & Component Manufacturing, Critical Minerals

1. Executive Summary

The global green-energy transition, the electric-mobility ecosystem and high-technology manufacturing all depend on the uninterrupted, large-scale supply of rare earth elements (REE) and battery raw materials. The People's Republic of China, with an industrial architecture integrated end-to-end — from raw-material mining to advanced refining, from cathode/anode manufacturing to next-generation battery cells — is the undisputed principal carrier of the global value chain.

According to the International Energy Agency (IEA) and the U.S. Geological Survey (USGS), China alone supplies 85% to 90% of global rare-earth refining capacity, 90% of battery cathode production capacity and roughly 75% of global EV battery installations.

2. Mining and Refining Superiority in Rare Earth Elements (REE)

China sets the global standard in extracting, separating and converting the 17 strategically important rare earth elements into value-added industrial products — most notably permanent magnets.

Mining Output Share: According to IMARC Group and USGS data, China retains first place in world rare-earth-oxide (REO) production with a 58.3% share.

Refining and Separation Dominance: Beyond mining, China holds 85-90% of global rare-earth refining and separation capacity. In heavy rare earths in particular (dysprosium, terbium, yttrium), almost

the entirety of global refined supply comes from China-based facilities.

Permanent Magnet (NdFeB) Production: 85–90% of the production capacity for Neodymium-Iron-Boron (NdFeB) magnets — critical for EV motors, wind turbines and high-tech industries — is controlled by Chinese producers.

Market Size and Pricing: The global REE market, worth USD 14.03 billion in 2025, is expected to reach USD 41.15 billion by 2034 at a 12.32% CAGR over 2026–2034. The China Rare Earth Industry Association (CREIA) Price Index holds at an elevated 268.4 points, while NdPr (Neodymium-Praseodymium) oxide trades in the USD 103,000–106,000 per tonne band.

3. End-to-End Integration in the Battery Supply Chain

China's strength in the battery ecosystem is not limited to final cell production; it extends to full command of raw-material processing and chemical-component manufacturing.

Critical Mineral Refining: According to IEA reports, China represents more than 70% of global refining capacity for core battery minerals such as lithium, cobalt, manganese and graphite.

Anode Materials: China's anode-material output rose 37% year-on-year to 2.59 million tonnes in 2025 and is projected to grow another 25.8% to 3.26 million tonnes in 2026. Synthetic graphite anodes account for 89% of the total Chinese anode market.

Cathode Materials: China holds approximately 90% of global cathode active-material manufacturing capacity. The global cathode market reached USD 44.78 billion in 2025 and is expected to climb to USD 52.21 billion in 2026.

Global Cell Production Share: According to the IEA, 75% of battery cells used in EVs worldwide are supplied by Chinese producers (CATL, BYD, Gotion and others). More than 70% of EV batteries and Battery Energy Storage Systems (BESS) in overseas markets are built with China-origin batteries or components.

LFP (Lithium Iron Phosphate) Dominance: LFP chemistry, with its high-safety, low-cost profile, makes up more than 50% of the global EV battery market and over 90% of stationary energy-storage systems (BESS). China supplies 75% of global phosphoric-acid manufacturing used in LFP production.

Table 1: China's Global Shares in the Rare Earth and Battery Supply Chain

Supply-Chain Link / Indicator	China's Global Share (%)	Production & Market Indicators
Rare Earth (REE) Mining	58.3%	~390,000 Metric Tonnes REO (Global Total)
REE Refining & Separation	85% – 90%	> USD 14.03 Billion Market Size
Permanent Magnet (NdFeB) Manufacturing	85% – 90%	Key input: NdPr Oxide (USD 103–106/kg)
Critical Mineral Refining (Li, Co, Mn, C)	70%+	Average Global Refining Share
Cathode Capacity (Cathode Active Material)	90%	USD 44.78 Billion (2025 Global Volume)
Anode Production Volume	90%+	2.59M Tonnes (2025) → 3.26M Tonnes (2026E)
EV Battery Cell Installation Share	75%	> 1.5 TWh Total Global Battery Demand

4. Cost Efficiency and Economies of Scale

Through deep vertical integration and vast economies of scale, China's battery ecosystem offers a unique cost advantage in the global market.

Regional Price Differentials: IEA data show battery-pack costs in China are 30% lower than in the United States and 35% lower than in Europe.

LFP Cost Advantage: LFP batteries are produced at 40% lower cost than nickel-cobalt (NMC) alternatives. A price decline of more than 15% in LFP batteries has significantly reduced installation costs in global storage projects.

5. C-Suite Perspective: Global Supply-Chain Strategies

For global industrial leaders and C-level executives, China's position in the REE and battery supply chain establishes three fundamental strategic realities:

Indispensable Supply Integration: The vertically integrated chain from mining to pack assembly makes China the most reliable, highest-scale supply partner for global automotive and energy-storage OEMs.

Pace of Technological Innovation: Chinese firms hold R&D leadership not only in raw-material processing but also in semi-solid-state batteries, sodium-ion cells and synthetic-graphite optimisation.

Cost Assurance: China-origin cathode and anode supply is the key factor keeping the global energy transition economically sustainable.

CONCLUSION

With its refining power in rare earth elements, critical-mineral processing capacity and overwhelming production volume in battery components, the People's Republic of China remains the indispensable industrial backbone of the global clean-energy and advanced-technology age.

SECTOR 06 Energy & Green Technology

GLOBAL TRANSFORMATION AND LEADERSHIP IN CHINA'S ENERGY AND GREEN TECHNOLOGY ECOSYSTEM

Renewable Capacity (Solar, Wind, Hydro), Green Investment Volumes, Energy Storage and Macroeconomic Impact

1. Executive Summary

In the age of global climate targets and energy security, the People's Republic of China has become the principal locomotive of the world's energy transition through its performance in renewable-energy installations, green-technology manufacturing and zero-carbon investment. According to China's Ministry of Industry and Information Technology (MIIT), the National Energy Administration (NEA) and international energy analyses, clean-tech sectors are the strongest growth engine of the Chinese economy.

In 2025, clean-energy sectors contributed 15.4 trillion Yuan (approximately USD 2.1 trillion) to China's Gross Domestic Product, accounting for 11.4% of GDP. More significantly, clean-energy activity alone delivered more than one-third (over 33%) of China's total economic growth and over 90% of net investment growth in 2025.

2. Historic Peak in Renewable Energy Capacity

The pace of capacity additions across China's solar, wind and hydroelectric plants has reached a speed unprecedented at global scale.

Total Renewable Capacity: China's total installed renewable capacity has crossed the 2,300 GW (Gigawatt) mark, reaching 59.1% of the country's total power-generation capacity.

Solar PV Leap: After adding 277 GW of new solar capacity in 2024, China commissioned 315 GW of new solar in 2025 — single-handedly building more than half of all solar panels installed worldwide in a single year.

Wind and Hydro Power: Total wind installations continue to climb rapidly, while hydroelectric capacity of 454 GW maintains world leadership. China's combined wind-and-solar installed capacity is approaching 2,000 GW.

Clean Electricity Generated: Electricity generated from renewables exceeded 2.89 million GWh (Gigawatt-hours), covering roughly 40% of total national electricity consumption.

Table 1: China Renewable Energy and Green Technology Statistics

Parameter / Indicator	Volume / Value (2025 - 2026)	Global / National Share
Clean Energy Contribution to GDP	15.4 Trillion Yuan (USD 2.1 Trillion)	11.4% of China's GDP
Total Installed Renewable Capacity	> 2,300 GW	59.1% of Total Capacity

Parameter / Indicator	Volume / Value (2025 - 2026)	Global / National Share
Annual New Solar Installations	315 GW (2025)	> 50% of Global New Installations
Total Wind & Solar Capacity	~2,000 GW (2026)	2030 Targets Beaten Years Early
Grid-Scale Battery Storage Investment	232 Billion Yuan (USD 32 Billion)	52% Annual Growth

3. Green Investment Volume and Global Manufacturing Dominance

China's direct investment in green technology reinforces its vertical integration in manufacturing capacity and its global scale in the supply chain.

Total Clean Energy Investment: Total investment in China's clean-energy generation, infrastructure and manufacturing reached 7.2 trillion Yuan (USD 1.0 trillion) in 2025 — roughly four times investment in fossil-fuel sources.

Global Manufacturing Dominance: China hosts 92% of global solar-cell production capacity; 74% of global wind-turbine nacelle manufacturing capacity is located in China-based plants; and 84% of global battery-cell production capacity is in the hands of Chinese producers.

Energy Storage Systems (BESS): Grid-connected battery-storage investment to bolster grid flexibility rose 52% to 232 billion Yuan (USD 32 billion). Together with pumped-hydro plants, China's energy-storage market has surpassed USD 223 billion.

4. C-Suite Perspective: Global Strategic Takeaways

For global C-level executives and investors, China's green-technology transformation presents three fundamental strategic visions:

A New Anchor for Economic Growth: Green technologies (EVs, batteries, solar and wind) have become the primary driver of China's macroeconomic growth, filling the gap left by traditional sectors with high-technology green manufacturing.

Falling Costs through Economies of Scale: Massive production capacity has driven down solar and wind generation costs, accelerating the shift to market-based pricing models (Contract for Difference — CfD).

UHV (Ultra-High-Voltage) Grid Integration: Vast clean-energy bases built in China's north and west are linked to eastern industrial centres via thousands of kilometres of UHV lines, setting new benchmarks in grid efficiency.

Backbone of Global Decarbonisation: The high-quality, cost-effective equipment offered by Chinese manufacturers remains the key accelerant of the worldwide energy transition.

CONCLUSION

With its trillion-dollar green-investment volume, more than 2,300 GW of installed renewable power and over-80% dominance across the global manufacturing ecosystem, the People's Republic of China sustains its position as the defining force of the clean-energy era.

SECTOR 07 Textiles & Apparel

TECHNOLOGICAL TRANSFORMATION AND GLOBAL LEADERSHIP
IN CHINA'S TEXTILE, SPORTS-TEXTILE AND APPAREL INDUSTRY

Export Volumes, Sports and Functional Textile Market, Digital Supply Chain and Smart Fabric Technologies

1. Executive Summary

As the global apparel and textile industry is reshaped by supply-chain transformation and shifting consumer habits, the People's Republic of China remains the backbone of the world market through its production capacity, vertically integrated industrial infrastructure and high-tech fabric innovation. Data from the China National Textile and Apparel Council (CNTAC) and the General Administration of Customs show that China has fully outgrown its traditional contract-manufacturing model, evolving into a high-value-added, smart and sustainable textile ecosystem.

Recent results show China dominating roughly one-third of the global market single-handedly, with annual textile and apparel exports of USD 293.77 billion. At the same time, double-digit growth in the domestic sportswear, outdoor and functional-textile segments has amplified the global competitiveness of domestic brands (ANTA, Li-Ning, Xtep) and their component suppliers.

2. Export Performance and Global Market Dynamics

Despite macroeconomic swings in global trade, China's textile and apparel sector has preserved high resilience thanks to product diversity and a flexible supply-chain structure.

Total Export Volume: According to Chinese customs data, the country's total textile and apparel exports came to USD 293.77 billion (2.1 trillion Yuan).

Textiles and Intermediate Goods: Exports of high-technology semi-finished textile products — yarns, woven and knitted fabrics — rose 0.5% year-on-year to USD 142.60 billion (1 trillion Yuan), consolidating China's position as the principal raw-material and semi-finished supplier of global textile manufacturing.

Apparel Exports: Exports of finished garments and clothing articles came to USD 151.12 billion.

Market Diversification and the Belt & Road Effect: Alongside traditional markets, China maintained a strong position in exports to Belt and Road Initiative (BRI) countries; apparel exports to Latin America rose 5.3% to USD 9.15 billion, while exports to Africa climbed 15.2% to USD 7.51 billion.

Table 1: Key Indicators of China's Textile and Apparel Sector

Sector / Indicator	Export / Market Size	Annual Change / Trend
Total Textile & Apparel Exports	USD 293.77 Billion	Global Market Leader
Textile & Semi-Finished Exports	USD 142.60 Billion	+0.5% Growth
Apparel Exports	USD 151.12 Billion	High-Volume Production
China Domestic Sportswear Market	252 Billion RMB (~USD 35 Billion)	7% - 9% Annual Growth
Functional Textile Market (China)	USD 68.4 Billion (2025)	USD 145.7 Billion (2031 Target)

3. The Boom in Sportswear and Functional Textiles

Rising health awareness, the spread of outdoor-sports culture and state-backed national fitness programmes have made sportswear and functional clothing the fastest-growing segment of the Chinese market.

Sportswear Market Size: China's domestic sportswear market has reached 252 billion Renminbi (RMB) and is projected to keep growing at an average of 7% to 9% annually through 2028.

Performance and Premium Segment: High-performance technical sportswear priced at 1,500 RMB and above is growing 15% to 20% a year, outpacing the mass market.

Outdoor Textiles: Sportswear focused on hiking, running, climbing and cycling is the fastest-growing sub-segment, expanding 22% to 25% annually.

Functional Innovation Market: China's functional-apparel market is forecast to grow from USD 68.4 billion in 2025 to USD 145.7 billion by 2031 at an average CAGR of 13.2%.

4. Smart Factories, C2M and Sustainable Components

China's apparel and textile component industry applies world-leading standards in digitalisation and green transformation.

Flexible, Rapid Production (C2M): Consumer-to-Manufacturer digital supply-chain models have cut order-to-delivery times to 7–10 days. AI-driven demand-forecasting algorithms and automated fabric-cutting systems have reduced inventory costs by 30%.

Smart Textiles and Wearables: Production of smart fabrics incorporating biometric sensors, heart-rate tracking, thermo-regulating membranes and moisture-wicking micro-fibre technologies has become the main driver of the performance-sportswear market.

Sustainability and Green Transition: Chinese yarn and fabric producers have rapidly expanded the use of recycled polyester (rPET) and bio-based fibres. Laser washing and waterless dyeing technologies have cut water consumption in textile finishing by up to 50%.

5. C-Suite Perspective: Implications for the Global Supply Chain

For senior executives steering global decisions, developments in China's textile and apparel sector offer three core strategic advantages:

Technological Integration and Speed: China's apparel industry is not merely a low-labour-cost manufacturing base; it is a high-value technology hub combining AI, robotic automation and technical-fabric R&D.

Scale and Uninterrupted Supply Assurance: Yarn and fabric manufacturing capacity exceeding USD 140 billion offers garment producers worldwide the most stable and widest product range available.

R&D Superiority in Technical Fabrics: In waterproof-breathable membranes, elastic compression fabrics and thermo-regulating textiles, Chinese component suppliers are setting global standards.

Record Time-to-Market: Fully integrated digital production facilities shorten seasonal collection cycles for fashion and sportswear brands, delivering high commercial flexibility.

CONCLUSION

With export capacity above USD 293 billion, a rapidly growing 252-billion-RMB domestic sportswear market and smart-textile innovation, the People's Republic of China continues to shape the future of the global fashion and textile industry.

SECTOR 08 Construction & Infrastructure

MEGA PROJECTS, DIGITAL TRANSFORMATION AND GLOBAL LEADERSHIP IN CHINA'S CONSTRUCTION AND INFRASTRUCTURE SECTOR

High-Speed Rail (HSR) Networks, "New Infrastructure" Investment, Ultra-High-Voltage (UHV) Grids and Global Contracting Volumes

1. Executive Summary

In global infrastructure and construction engineering, the People's Republic of China continues to set the standard through unmatched production scale, engineering capability in complex terrain and advanced technology integration. China's infrastructure sector has made a strategic pivot from a traditional real-estate-driven growth model towards "New Infrastructure" — digital networks, green-energy transmission grids, high-speed transport corridors and smart urban-renewal investment.

As of 2026, China's total annual infrastructure investment is expected to reach the USD 1.7–1.9 trillion range; the country is the principal engine of the Asia-Pacific region, which alone accounts for more than half of global infrastructure spending. At the same time, overseas construction contracting under the Belt and Road Initiative (BRI) and giant water-transfer schemes (South-to-North Water Diversion) confirm the global weight of China's construction ecosystem.

2. World Records in Transport Infrastructure: High-Speed Rail and Motorways

According to China State Railway Group (China Railway), the country hosts the world's largest and most technologically advanced high-speed rail network.

Total Rail Network: By the end of the 14th Five-Year Plan period (2021–2025), China's active railway network reached 165,000 kilometres.

High-Speed Rail (HSR) Leadership: Over 2021–2025 the HSR network grew 32.98% to 50,400 kilometres. China alone operates more than two-thirds of the world's high-speed rail.

Annual Investment and New Lines: In 2025 alone, fixed-asset investment in the rail sector rose 6% year-on-year to 901.5 billion Yuan (approximately USD 128.9 billion). During the period, 3,109 kilometres of new railway — of which 2,862 kilometres HSR — entered service.

2026–2030 Projection: Under the 15th Five-Year Plan, the national rail network is targeted to reach 180,000 kilometres and the HSR network 60,000 kilometres by 2030. The double-track ratio will rise to 64% and electrification to 78%.

Table 1: Key Indicators of China's Rail and Infrastructure Investment

Indicator / Parameter	2025 Actual	2030 Target / Projection
Total Railway Length	165,000 km	180,000 km
High-Speed Rail (HSR) Length	50,400 km	60,000 km
Annual Rail Investment (RMB / USD)	901.5 Billion Yuan (~USD 128.9 Billion)	Continued Momentum
Total National Infrastructure Investment	USD 1.7 – 1.9 Trillion (2026E)	Sustainable Growth
Urban Renewal Investment Plan (2026–2030)	USD 2.2 Trillion	Integrated Smart Cities

3. "New Infrastructure", UHV Grids and Smart Cities

China's construction sector is evolving from cement-and-steel-heavy conventional engineering into digital infrastructure encompassing data centres, Ultra-High-Voltage (UHV) power lines and intelligent transport networks.

Urban Renewal Plan: The Chinese government has announced total investment of USD 2.2 trillion between 2026 and 2030 in urban renewal, infrastructure modernisation and resilient-city projects.

State Development Approvals: The National Development and Reform Commission (NDRC), in preparation for the 15th Five-Year Plan, has allocated 295 billion Yuan (USD 41.3 billion) for 281 priority core infrastructure projects.

Ultra-High-Voltage (UHV) Transmission: Investment in UHV direct-current (DC) transmission projects linking renewable-energy bases to eastern metropolises plays a critical role in integrating clean power into the grid.

Digital Silk Road: Within its global digital and fibre-optic infrastructure programme, China has earmarked USD 145 billion from its 2026 budget for cross-border 5G corridors, submarine cables and data-centre construction.

4. Global Contracting Services and Belt & Road (BRI) Construction Volumes

China's construction giants (CSCEC, CREC, CRCC, CCCC) sustain global leadership not only at home but also in the international engineering, procurement and construction (EPC) market.

Record BRI Construction Contracts: According to the Green Finance & Development Center (GFDC), construction contracts signed by Chinese companies across 150 BRI partner countries in 2025 rose 81% year-on-year to USD 128.4 billion — a historic record.

Cumulative BRI Signings: Since 2013, total BRI engagement has reached USD 1.399 trillion, of which USD 837 billion consists of direct construction contracting projects.

Regional Growth Rates: In 2025, Chinese construction firms' projects in Africa surged 283% to USD 61.2 billion. The highest construction volumes were recorded in Nigeria (USD 24.6 billion), the Republic of the Congo (USD 23.1 billion) and Saudi Arabia (USD 19.8 billion).

Large-Project Scale: In international construction projects above USD 100 million, the average deal size nearly doubled from USD 496 million in 2024 to USD 964 million in 2025.

5. C-Suite Perspective: Strategic Takeaways and Future Vision

For global construction, infrastructure and real-estate investors, China's infrastructure transformation presents three core strategic advantages:

Industrialised Modular Construction and BIM: With prefabricated elements, 3D-printing technologies and smart site robots, China's construction sector has cut project delivery times by up to 40%, setting a new benchmark for construction speed.

Leadership in Green-Energy Grid Infrastructure: The scale won by Chinese contractors in UHV transmission and pumped-storage hydro delivers high cost efficiency in global energy-infrastructure projects.

Integration of Digital and Physical Networks: Coupling motorway, rail and port infrastructure with 5G-Advanced and autonomous logistics systems significantly raises supply-chain velocity.

High Capacity in Global EPC Projects: International construction experience exceeding USD 837 billion makes Chinese contractors the most trusted prime contractors for global mega-projects.

CONCLUSION

With its 50,400-kilometre high-speed rail network, annual infrastructure investment above USD 1.7 trillion and USD 128 billion in international construction contracting, the People's Republic of China preserves its position as the master architect of global infrastructure and engineering.

SECTOR 09 Food & Agriculture

TECHNOLOGICAL TRANSFORMATION, PRODUCTION RECORDS AND GLOBAL SUPPLY STRENGTH IN CHINA'S FOOD AND AGRICULTURE ECOSYSTEM

National Grain Output, Smart Agriculture (AgTech), AI Models, Food Processing Industry and Precision Farming Technologies

1. Executive Summary

As population growth, climate change and food security become the most critical items on supply-chain agendas worldwide, the People's Republic of China constitutes one of the strongest backbones of the global agri-food sector through its production scale, technology integration and agritech (AgTech) investment. Data from China's Ministry of Agriculture and Rural Affairs (MARA) and international food organisations confirm China's full transition from traditional farming methods to an AI-assisted, drone-enabled and data-driven precision-agriculture model.

As of 2025, China broke a historic grain-production record of 714.9 million tonnes, staying above the 700-million-tonne threshold for a second consecutive year and securing national food supply. At the same time, China imported USD 207.4 billion of food and agricultural products in 2025, maintaining its position as the world's second-largest buyer in the global food market.

2. Production Records and National Grain Security

Despite adverse weather and global climate volatility, China's agricultural sector continues to achieve record harvests thanks to high-yield seed technologies and modern irrigation infrastructure.

Total Grain Output: China's total grain production came to 706.5 million tonnes in 2024 and rose by 8.4 million tonnes in 2025 to an all-time high of 714.9 million tonnes.

Regional Leadership: Heilongjiang province, China's largest granary, retained its title as the country's number-one producing region for the 16th consecutive year with annual output above 80 million tonnes.

Core Crop Distribution: Maize: the 2025/2026-season harvest is projected to reach 298 million tonnes on improved yields. Wheat: annual output held steady at 140 million tonnes. Rice: national production maintained the 146-million-tonne level.

Sown Area and Yield: The national grain-sowing area is stabilised at 119 million hectares, with average per-hectare yield targeted to reach 6.3 tonnes by 2034.

3. Smart Agriculture (AgTech), Precision Farming and the AI Transformation

The digitalisation drive under the government's "National Smart Agriculture Action Plan (2024–2028)" has created an enormous market spanning autonomous tractors to data-driven crop monitoring.

AgTech Market Size: China's agricultural-technology market reached USD 2.03 billion as of 2025 and is expected to grow at an average 11.53% CAGR over 2026–2034 to USD 5.46 billion by 2034.

Precision Agriculture: The precision-farming market — covering autonomous combines, GNSS/GPS guidance and Variable Rate Technology (VRT) — reached USD 1.69 billion in 2025 and will rise to USD 3.72 billion by 2034.

Generative AI in Agriculture (Agri-AI): Shennong Large Model 3.0, launched by China Agricultural University at the World Agrifood Innovation Conference in October 2025 as the country's most advanced agriculture-focused AI model, has been integrated into crop-yield forecasting, pest detection and soil-analysis workflows.

Table 1: Key Performance Indicators of China's Food & Agriculture Sector

Indicator / Parameter	2024 Actual	2025 Actual	2026–2034 Estimate / Projection
Total Grain Production	706.5 Million Tonnes	714.9 Million Tonnes	> 730 Million Tonnes
AgTech Market Size (USD)	~1.82 Billion	2.03 Billion	5.46 Billion (2034)
Precision Agriculture Market	~1.54 Billion	1.69 Billion	3.72 Billion (2034)
Food & Agricultural Imports	~200 Billion	207.4 Billion	Sustained Import Demand
Foodservice Market	~786 Billion	812 Billion	> 900 Billion (2031)

4. Food Processing, Pre-Prepared Food and the Service Sector

China's food-manufacturing industry is focusing on high-value processed foods, in step with changing consumer habits and rapid urbanisation.

Foodservice Sector: China's foodservice and restaurant sector grew 3.2% in 2025 to USD 812 billion and is projected to surpass USD 901.7 billion by 2031.

Food-Processing Enterprises: The number of licensed, active registered food-processing companies nationwide has exceeded 100,000.

Pre-Prepared Food Market: The pre-prepared and semi-processed food market has crossed the 500-billion-Renminbi mark, becoming the principal meal solution for busy urban lifestyles.

Food Packaging Technologies: China's food-packaging market generated USD 97.9 billion in 2025 and will reach USD 105.9 billion in 2026 and USD 168.5 billion by 2033 at a 6.9% CAGR.

5. C-Suite Perspective: Strategic Decisions in the Global Supply Chain

For decision-makers across the global food and agriculture ecosystem, developments in China offer three fundamental strategic takeaways:

Technology-Enabled Self-Sufficiency: Through drone analytics, AI-based irrigation and biotech seed breeding, China is lifting grain productivity above the world average and targeting a 90.5% domestic self-sufficiency rate.

A Vast Market for AgTech Investment: Double-digit growth in the USD 2.03-billion AgTech market makes China one of the largest markets for global software, sensor and drone suppliers.

Supply Security in Industrial Food Processing: The presence of more than 100,000 food-processing companies provides flexibility and consistent quality assurance in global ingredient sourcing.

Diversified Global Trade: China's USD 207.4-billion food and agricultural imports create a stable market space for BRI partner countries and Latin American suppliers.

CONCLUSION

With a record grain harvest of 714.9 million tonnes, rapidly expanding agritech infrastructure and a USD 812-billion foodservice sector, the People's Republic of China remains the principal actor shaping the future of the global agri-food industry.

SECTOR 10 Tourism & Culture

RECORD GROWTH, VISA LIBERALISATION AND GLOBAL TRANSFORMATION IN CHINA'S TOURISM AND CULTURE SECTOR

Domestic and Inbound Tourism Volumes, the 240-Hour Visa-Free Transit Regime, Culture Industry Revenues and Digital Heritage Integration

1. Executive Summary

As the global services sector and the culture economy are reshaped, the People's Republic of China has become the main growth engine of world tourism through enormous domestic market activity, expanded visa-waiver policies and a trillion-dollar culture-industry ecosystem. Data from China's Ministry of Culture and Tourism (MCT) and the National Bureau of Statistics (NBS) show the country's tourism and culture sectors not only surpassing pre-pandemic levels but setting new historic records.

According to 2025 results, total domestic trips in China reached 6.522 billion — an all-time high. At the same time, culture-industry revenues of 19.14 trillion Yuan (approximately USD 2.67 trillion) and the 240-hour (10-day) visa-free transit scheme covering 55 countries have placed China at the centre of global travel routes.

2. Record Momentum in Domestic Tourism and Macro Spending Volumes

Domestic tourism activity continues to post double-digit growth, powered by high-speed rail infrastructure, cultural-event integration and rural-tourism initiatives.

Total Trip Volume: According to MCT sampling data, trips made by Chinese citizens within the country rose 16.2% year-on-year to 6.522 billion — a net increase of 907 million trips over the previous year.

Tourism Spending: Domestic travel expenditure rose 9.5% to 6.30 trillion Yuan (approximately USD 906 billion), adding 550 billion Yuan of extra spending to the national economy.

Urban and Rural Split: Trips by urban residents rose 14.3% to 4.996 billion, with spending up 7.5% to 5.30 trillion Yuan. Trips by rural residents leapt 22.6% to 1.526 billion, with rural tourism spending up 21.4% to 1.0 trillion Yuan — momentum that confirms the sector's role in socio-economic development.

Table 1: Key Indicators of China's Tourism and Culture Sector

Indicator / Parameter	Actual Figures	Annual Change / Trend
Total Domestic Trips	6.522 Billion Trips	+16.2% Growth
Total Domestic Tourism Spending	6.30 Trillion Yuan (USD 906 Billion)	+9.5% Growth
Total Culture Industry Revenue	19.14 Trillion Yuan (USD 2.67 Trillion)	+7.1% Record High
Visa-Free Transit Duration	240 Hours (10 Days)	55 Countries & 65 Entry Ports
Cultural Enterprises' R&D Investment	162.5 Billion Yuan	+1.7% Increase

3. Visa Liberalisation and the Inbound Tourism Surge

The liberal visa policies China has adopted to accelerate its integration with the world have produced an extraordinary rise in inbound tourism figures.

240-Hour Visa-Free Transit: China extended the visa-free stay for transiting foreign visitors from the previous 72 or 144 hours to 240 hours (10 days). The regime, covering 65 open ports of entry across 24 provinces, autonomous regions and centrally administered municipalities, has been widened to citizens of 55 countries.

Growth in Visa-Free Entries: Thanks to unilateral visa waivers and transit flexibility, foreign visitors entering without a visa rose more than 112% year-on-year, surpassing 20.1 million people.

Foreign Visitor Spending: Annual direct foreign-exchange spending by international visitors to China reached USD 39.7 billion, making a significant contribution to the services-trade balance.

4. The Trillion-Dollar Scale of the Culture Industry and Digital Innovation

According to NBS data, enterprises operating in culture and related sectors achieved a historic annual revenue record.

Total Revenue: Total revenue of China's culture-industry enterprises rose 7.1% year-on-year to 19.14 trillion Yuan (approximately USD 2.67 trillion).

Leading Sub-Sectors: Cultural equipment manufacturing was the fastest-growing segment at 11.2% annual growth; news and information services grew 8.6%; content production and media 8.4%; and creative design services 7.2%.

Regional Distribution: Eastern provinces generated 14.18 trillion Yuan and central provinces 2.87 trillion Yuan of culture-industry revenue, dominating national growth.

Cultural Infrastructure and R&D: More than 78,000 large-scale culture enterprises invested 162.5 billion Yuan annually in digitalisation and innovative technologies. Over 3,200 public libraries and more than 44,000 cultural centres nationwide have been equipped with digital networks.

5. C-Suite Perspective: Strategic Outcomes for the Global Tourism and Culture Economy

For executives in global services, hospitality, aviation and the culture industries, developments in China offer three main strategic opportunities:

Culture-Tourism Fusion: In the Chinese market, travel has evolved beyond simple sightseeing into a high-value "emotional and cultural value" sector combining museum exhibitions, themed festivals and smart digital experiences.

Business Travel Growing on Visa Flexibility: The 240-hour (10-day) visa-free transit facility has eased access to China's industrial hubs for global C-level executives and business travellers, revitalising MICE (meetings and exhibitions) tourism.

Purchasing Power of Rural Markets: 21.4% growth in rural tourism spending creates untapped market potential for local destination investment and consumer-goods brands.

Culture and Digital Content R&D: The 162.5-billion-Yuan R&D volume within the 19.14-trillion-Yuan culture industry opens new global partnership models in digital media, gaming, augmented reality (AR) and digital museology.

CONCLUSION

With 6.522 billion domestic trips, the ease of 240-hour visa-free transit and a culture industry exceeding 19 trillion Yuan, the People's Republic of China preserves its position as the most dynamic and directive force in the global tourism and culture ecosystem.

SECTOR 11 Logistics & Transportation**GLOBAL LEADERSHIP, AUTOMATION AND UNINTERRUPTED SUPPLY NETWORKS IN CHINA'S LOGISTICS AND TRANSPORT SECTOR**

Social Logistics Value, Port Throughput Records, Express Parcel Market, China-Europe Freight Trains and Smart Logistics Technologies

1. Executive Summary

As the flexibility and speed of global supply chains become the most critical factor in the sustainability of international trade, the People's Republic of China reinforces its position as the backbone of the world's transport industry through vast infrastructure scale, automation depth and an integrated logistics network. Data from the China Federation of Logistics and Purchasing (CFLP) and the Ministry of Transport confirm that China is setting global standards not only in volume but also in digitalisation and autonomous logistics.

According to 2025 results, China's total social logistics value reached 368.2 trillion Yuan (approximately USD 53 trillion), while the national logistics sector's total revenue came to 14.3 trillion Yuan. Sustaining global leadership in maritime transport with 354 million TEU of container throughput, China single-handedly represents 65% of the world's express-parcel market with 199 billion parcels delivered annually.

2. Social Logistics Volume and the Contribution of High-Tech Industry

Growth in China's logistics sector reflects a strategic shift from conventional freight towards logistics of high-value-added, green-technology industrial products.

Social Logistics Value: According to CFLP data, the country's total social logistics value rose 5.1% in real terms in 2025 to 368.2 trillion Yuan.

Share of Industrial Logistics: 82% of total growth came from industrial-goods logistics. Among the new growth engines, striking increases were recorded in high-tech product logistics: industrial-robot logistics grew 28% and New Energy Vehicle (NEV) logistics 25.1% year-on-year.

Sector Revenue: Total revenue of China's logistics industry rose 4.1% in 2025 to 14.3 trillion Yuan, with the sector's average prosperity index (LPI) at 50.8%.

3. The Express Delivery Market: 65% of Global Volume

China has held the title of the world's number-one express-parcel market for 11 consecutive years. The strength of the e-commerce ecosystem and smart distribution hubs keep driving new records in parcel operations.

Global Market Share: 65% of all parcels processed worldwide are handled by China's domestic and cross-border logistics networks.

Annual Parcel Volume: In 2025, China's express-delivery sector processed a total of 199 billion parcels. Sector revenue rose 6.5% year-on-year to 1.5 trillion Yuan (USD 215 billion).

2026 Projection: Sector projections indicate China's parcel volume will grow 8% to 214 billion items by the end of 2026.

Daily Handling Record: Peak-season daily processing capacity hit a record 777 million parcels; autonomous cargo drones, unmanned delivery vehicles and smart cloud warehouses have become the core of logistics efficiency.

4. Maritime Transport and Automated Port Infrastructure

China alone carries one-third of world maritime freight, placing it at the very top of global trade ports.

Total Cargo and Container Volume: According to the Ministry of Transport, cargo handled at Chinese ports in 2025 totalled 18.3 billion tonnes (of which 5.7 billion tonnes was foreign-trade cargo), with container throughput reaching 354 million TEU.

Performance of the Giant Ports: Port of Shanghai held its title as the world's busiest container port for the 16th consecutive year with 55.1 million TEU. Ningbo-Zhoushan ranked world number one in total

cargo tonnage for the 17th consecutive year, with 39 million TEU of containers. Shenzhen handled 30.1 million TEU and Guangzhou surpassed the 28-million-TEU mark.

Automation Leadership: Sixty fully automated container terminals now operating across China are equipped with automated guided vehicles (AGV) and 5G-based crane-control systems. At the automated terminals of Shanghai and Qingdao, single-machine working efficiency exceeds 60 natural containers per hour — the global speed record. China's merchant-fleet capacity has reached 490 million DWT (deadweight tonnes).

5. Rail Supply Corridors: The China-Europe Express

Linking the Eurasian landmass by rail, the China-Europe freight trains keep growing as a strategic alternative for supply-chain security.

Cumulative and Annual Services: Since inception, total services have surpassed 130,000 and cumulative cargo value USD 520 billion. Annual services rose from 1,702 in 2016 to 20,022 in 2025.

Network Reach and Load Factor: The China-Europe freight-train network reaches 236 cities in 26 European countries. As of June 2026, trains have run at a 100% laden-container rate for 46 consecutive months.

Transit Times and 2026 Performance: The uninterrupted express transit time between Xi'an and Duisburg, Germany has been cut to 11 days. In Q1 2026, services rose 29% year-on-year to 5,460 and container volume 22% to 546,000 TEU.

Table 1: Key Performance Indicators of China's Logistics and Transport Sector

Indicator / Parameter	2025 Actual	2026 Estimate / Projection	Global Position / Share
Total Social Logistics Value	368.2 Trillion Yuan (~USD 53 Trillion)	Growth Trend (5%+)	Global Manufacturing & Logistics Base
Logistics Sector Total Revenue	14.3 Trillion Yuan	Balanced Growth	Sector LPI Average: 50.8%
Express Parcel Volume	199 Billion Parcels	214 Billion Parcels	65% of Global Parcel Volume
Port Container Throughput	354 Million TEU	> 365 Million TEU	~33% of World Total
Port of Shanghai Container Volume	55.1 Million TEU	Retaining Leadership	World No.1 for 16 Straight Years
China-Europe Train Services	20,022 Services (2025)	20%+ Annual Growth	26 Countries, 236 Cities Covered

6. C-Suite Perspective: Strategic Effects on the Global Supply Chain

For global logistics, foreign-trade and supply-chain executives, developments in China's logistics ecosystem offer three main strategic advantages:

End-to-End Digital Integration: Automated ports, high-speed cargo corridors and autonomous warehouse-management systems raise inventory-turn velocity across the global supply chain while minimising loss and delay rates.

Unmatched Economies of Scale and Cost Discipline: 199 billion parcels a year and 354 million TEU of port volume keep per-unit transport costs highly competitive at global scale.

Automation and Operational Speed: Sixty fully automated port terminals and AI-assisted smart transfer hubs push customs-clearance times below 30 minutes, optimising delivery lead times.

Eurasian Overland Integration: The China-Europe rail corridor — 11 days between Xi'an and Duisburg — provides a reliable, 100%-laden alternative against maritime-transport risks.

CONCLUSION

With 368 trillion Yuan of social logistics volume, 354 million TEU of port capacity, 60 autonomous terminals and rail corridors spanning Eurasia, the People's Republic of China remains the most efficient and indispensable backbone of global trade and logistics.

SECTOR 12 Space & Aviation**STRATEGIC ADVANCE, THE NEW SPACE AGE AND THE LOW-ALTITUDE ECONOMY IN CHINA'S SPACE AND AVIATION ECOSYSTEM**

Tiangong Space Station, Orbital Launch Records, Lunar Exploration (Chang'e-7), LEO Mega-Constellations, COMAC C919 and the Low-Altitude Economy

1. Executive Summary

The space and aviation industry — where high technology, security and transport converge — is one of the most tangible expressions of the People's Republic of China's national development and technological-independence vision. Data from the China National Space Administration (CNSA), the Civil Aviation Administration of China (CAAC) and the Aviation Industry Corporation of China (AVIC) show the country rising to a decisive global position in orbital-launch cadence, deep-space research, commercial passenger-aircraft manufacturing and the new "Low-Altitude Economy".

After a record 93 orbital launches in 2025, the 2026 target has been set at more than 140 orbital missions. Having become the first nation in history to return samples from the far side of the Moon with the Chang'e-6 mission, China is preparing the Chang'e-7 mission to study the lunar south pole and advancing steadily towards a crewed lunar landing before 2030. In civil aviation, COMAC C919 deliveries are gaining pace, while the 1.5-trillion-Yuan Low-Altitude Economy is generating a new wave of industrial growth.

2. Record Cadence in Orbital Transport and LEO Mega-Constellations

China's space-transport sector is undergoing a historic transformation, powered by the reliability of the state-backed Long March rocket family and the synergy of dynamic private commercial-space companies.

Launch Performance: Following 68 launches in 2024, China performed 93 successful orbital launches in 2025 — a new national record — carrying more than 300 satellites to orbit. With the expansion of commercial spaceports, the 2026 target is to exceed 140 launches.

Private-Sector Share: Chinese private commercial-space firms (Galactic Energy, CAS Space, OrienSpace, LandSpace and others) completed 16 orbital missions in 2025, rapidly raising their share of the national total.

LEO Internet Mega-Constellations: Under Qianfan (Thousand Sails / G60) — a broadband low-Earth-orbit internet project — deployment continues at pace using Long March 6A and Long March 8 rockets carrying 18 satellites per launch, expanding towards the Phase-1 target of 1,296 satellites. Guowang (China SatNet / GW), the state-scale 12,992-satellite global-coverage project, has accelerated its orbital-deployment schedule.

3. Deep-Space Exploration: Tiangong and the Lunar Programme

China's human-spaceflight and planetary-exploration programmes have become a focal point of international science diplomacy.

Tiangong Space Station: Operating continuously in orbit, the Tiangong Space Station hosts full-capacity microgravity research through Shenzhou crew rotations and Tianzhou cargo missions.

Chang'e-6 and Chang'e-7 Innovation: After Chang'e-6 returned a historic 1,935.3 grams of samples from the South Pole-Aitken basin on the Moon's far side, the Chang'e-7 spacecraft — scheduled for launch in the second half of 2026 — is completing final preparations at the Wenchang Launch Centre in Hainan. The mission comprises an orbiter, a lander, a rover and a six-legged flying/hopping detector that will search for water ice in permanently shadowed craters.

2030 Crewed Lunar Goal: Critical system-validation and escape tests of the Long March-10 rocket, the Mengzhou next-generation crewed spacecraft and the Lanyue lunar lander have been completed successfully.

Table 1: Key Indicators of China's Space and Aviation Ecosystem

Sector / Parameter	Current Data (2025 - 2026)	Targets and Projections
Annual Orbital Launches	93 Launches (2025 Record)	> 140 Launches (2026 Target)
Commercial Space Company Launches	16 Missions (87.5% Success)	Rapid Capacity Growth
Low-Altitude Economy Market Size	1.5 Trillion Yuan (~USD 211 Billion)	3.5 Trillion Yuan (2035)
Registered Civil UAVs / Drones	> 3.28 Million Units	20%+ Annual Growth
COMAC C919 Annual Delivery Ramp	15 - 18+ Aircraft (2025)	145 Aircraft / Year (2030)

4. COMAC and Vertical Integration in Commercial Aviation

The Commercial Aircraft Corporation of China (COMAC) is consolidating its presence in the global passenger-aircraft market with original models in both narrow-body and wide-body segments.

C919 Volume and Fleet Performance: The narrow-body C919 has reached an average daily utilisation of 5.2 hours in the fleets of China Eastern, Air China and China Southern. With total orders exceeding 1,000 aircraft, annual C919 production capacity is planned to rise to 145 units by 2030.

C909 (ARJ21) Regional Jet: With more than 140 deliveries in the regional segment, the C909 is in active service, including in the Southeast Asian market.

C929 Wide-Body Project: The twin-aisle C929 — 280 passengers and 12,000 km range — has moved into the detailed design and testing phase.

Aero-Engine Localisation: Final certification tests of the AECC CJ-1000A turbofan, developed specifically for the C919, have been accelerated.

5. The New Industrial Engine: The Low-Altitude Economy

Declared a strategic emerging sector by the Chinese government, the Low-Altitude Economy (flight activity between 1,000 and 3,000 metres) has become a giant industry built on eVTOL (electric vertical take-off and landing) aircraft, autonomous cargo drones and smart air-traffic management.

Market Size: According to CAAC data, the sector has reached 1.5 trillion Yuan (approximately USD 211 billion) and is projected to grow to 3.5 trillion Yuan by 2035.

Registered UAV and Drone Fleet: According to MIIT, registered civil drones exceed 3.28 million units.

Commercial Cargo and Logistics Flights: Logistics giants such as Meituan and SF Express (Feng Wing) completed more than 740,000 autonomous commercial drone-delivery orders in a single year.

eVTOL and Flying-Car Commercialisation: Global pre-orders for EHang, AutoFlight and XPeng AeroHT (Aridge) have reached 30 billion Yuan, and vertiport infrastructure has been completed in metropolises such as Shenzhen and Suzhou.

6. C-Suite Perspective: Global Competition and Supply-Chain Implications

For global technology, aviation and logistics leaders, China's space and aviation push presents three fundamental strategic visions:

A Dual-Direction Innovation Catalyst: China leads the global ecosystem in autonomous systems, from micro-satellite manufacturing to 5G-Advanced-enabled low-altitude airspace management — not only in conventional aviation.

LEO Internet and Telecom Opportunities: The multi-thousand-satellite infrastructure of Qianfan and Guowang creates exceptionally broad coverage for global data communications and IoT systems.

Vast Capacity in Aviation Components: COMAC's production ramp and domestic-engine programmes offer global Tier-1 and Tier-2 aerospace suppliers a sustainable, high-volume market.

Low-Altitude Logistics Efficiency: Autonomous drone networks and eVTOL transport radically cut intra-city logistics costs, pushing time-to-market to unprecedented levels.

CONCLUSION

With more than 90 orbital launches a year, historic samples from the far side of the Moon, over 1,000 C919 orders and a 1.5-trillion-Yuan Low-Altitude Economy, the People's Republic of China remains the most dynamic epicentre of the global aerospace industry.

SECTOR 13 Geopolitics (Strategic Alignment & Global Cooperation)**CHINA'S ARCHITECTURE OF GEOPOLITICAL COMPETITION, STRATEGIC ALIGNMENT AND GLOBAL COOPERATION**

Global South Dynamics, BRICS+ and SCO Integration, Belt and Road Initiative (BRI) Scale and the International Trade Architecture

1. Executive Summary

In today's re-forming multipolar system, the People's Republic of China acts as the principal orchestrator of the global market through inclusive multilateralism, global infrastructure integration, strategic alignment and the deep economic-cooperation mechanisms it has built with the Global South. Data from China's commerce authorities, UNCTAD, the Shanghai Cooperation Organisation (SCO) and international economic institutions show China strengthening its trade-diplomacy channels and accelerating sustainable-development initiatives.

As of the first half of 2026, China's total foreign-trade volume reached a record USD 3.75 trillion, while cumulative engagement under the Belt and Road Initiative (BRI) surpassed USD 1.399 trillion. The population and economic scale represented by the BRICS+ mechanism and the SCO stand as the most concrete evidence of strategic and commercial alignment between the East and the Global South.

2. Belt and Road Initiative (BRI): Global Infrastructure and Investment Records

Expanding its coverage year after year, the Belt and Road Initiative remains the principal financing and implementation platform for global logistics, energy and technology infrastructure.

Cumulative Scale: Since the Initiative's founding in 2013, China's cumulative project and investment engagement across 150 BRI partner countries has reached USD 1.399 trillion — USD 837 billion in construction contracting and USD 561 billion in direct financial investment.

Historic Annual Record: BRI spending hit its highest-ever annual level with USD 213.5 billion in combined contracts and investment — USD 128.4 billion in construction contracting and USD 85.2 billion in direct investment.

Regional Focus and Growth Rates: Africa: China's BRI engagement leapt 283% year-on-year to USD 61.2 billion, making it the largest investment region; Nigeria (USD 24.6 billion), the Republic of the Congo (USD 23.1 billion) and Saudi Arabia (USD 19.8 billion) recorded the highest construction signings. Southeast Asia hosted USD 12.7 billion of investment, up 81%.

H1 2026 Performance: In the first six months of 2026, Chinese companies signed USD 76.5 billion of new construction contracts in BRI countries — USD 12.2 billion more than the same period a year earlier.

3. Multilateral Alliances: BRICS+, the SCO and the Political Economy of the Global South

The strategic-alignment and multilateral institutional structures championed by China are reshaping global trade mechanisms.

The SCO Effect: With 10 full member states, the SCO represents 24% of the world's land area and 42% of the global population (3.4 billion people). Members' combined nominal GDP accounts for 23% of the world total — 36% in purchasing-power-parity (PPP) terms.

BRICS+ and Local Currencies: With BRICS+ enlargement, the share of bilateral trade among members settled in local currencies (RMB and member currencies) has risen rapidly.

China-ASEAN Strategic Partnership: Total China-ASEAN trade has passed USD 930 billion, and the CAFTA 3.0 protocol (China-ASEAN Free Trade Area 3.0) has deepened institutional integration across the green economy, digital trade and supply-chain resilience.

Table 1: Key Indicators of China's Geopolitics and Global Cooperation

Indicator / Parameter	Volume / Value	Global / Regional Share & Trend
Cumulative BRI Investment & Contracting	USD 1.399 Trillion	150 Countries, > 350 Mega Projects
Record Annual BRI Volume	USD 213.5 Billion	Construction: \$128.4B / Investment: \$85.2B
Africa BRI Engagement	USD 61.2 Billion	+283% Annual Growth
China-ASEAN Trade Volume	> USD 930 Billion	Advanced Integration via CAFTA 3.0
SCO Population	3.4 Billion People	42% of World Population
SCO Share of Global GDP (PPP)	36% (PPP)	Nominal GDP Share: 23%
China H1 2026 Foreign Trade	USD 3.75 Trillion	+16.9% Annual Growth

4. Trade Diplomacy and High-Technology Exports

China's strategic standing in global markets is reinforced by the combination of manufacturing power and high-technology exports.

2026 Foreign Trade Record: In H1 2026, China's foreign trade rose 16.9% year-on-year to a record USD 3.75 trillion — exports of USD 2.1 trillion (+13.4%) and imports of USD 1.5 trillion (+22.1%).

Mechanical & High Technology: Exports of electrical and mechanical products reached USD 1.3 trillion, 63.5% of total exports. High-tech product exports rose 39% to USD 480 billion.

Green-Industry Export Momentum: Electric vehicles: overseas shipments up 68.7% year-on-year. Lithium batteries: up 37.6%. Wind turbines: up 35.6%.

5. C-Suite Perspective: A New Era in Global Strategy

For senior executives making strategic decisions worldwide, China's model of geopolitical and commercial cooperation offers three fundamental strategic advantages:

Hub of the Multipolar Economic Architecture: Through CAFTA 3.0, BRI and BRICS+ channels, China is building the most stable, highest-volume trade corridors into Global South markets.

Direct Access to Global South Markets: Trade networks reaching USD 61.2 billion in Africa and exceeding USD 930 billion in Southeast Asia create alternative, high-growth markets for multinationals.

Supply-Chain Resilience and Local Investment: USD 85.2 billion of direct equity investment by Chinese firms under the BRI raises the flexibility of global production and raw-material-processing chains.

Green and Digital Transformation Partnership: High-tech exports reaching USD 480 billion make China the most critical technology partner in energy-transition and AI infrastructure projects worldwide.

CONCLUSION

With USD 1.399 trillion of cumulative BRI infrastructure, USD 3.75 trillion of foreign trade and the strong cooperation mechanisms built across BRICS+/SCO platforms, the People's Republic of China resolutely maintains its position as the principal driver of the global geopolitical system and the new world economy.

SECTOR 14 Finance & Investment**MACROECONOMIC BALANCES, GREEN FINANCE AND GLOBAL CAPITAL FLOWS IN CHINA'S FINANCE AND INVESTMENT ECOSYSTEM**

PBOC Monetary Policy, Outbound & Inbound Direct Investment (ODI & FDI), Green Finance Scale, Banking Assets and the Digital Yuan (e-CNY)

1. Executive Summary

As global financial architecture and capital markets are restructured, the finance and investment ecosystem of the People's Republic of China remains one of the load-bearing columns of the world economy — through flexible monetary-policy tools, trillion-dollar banking assets, a fast-growing green-finance market and expanding outbound direct investment (ODI). Data from the People's Bank of China (PBOC), the State Administration of Foreign Exchange (SAFE) and the Ministry of Commerce (MOFCOM) confirm that China is deepening its capital markets and steadily advancing international financial integration in line with its high-quality development model.

As of Q1 2026, the external financial assets of China's banking sector reached USD 2.11 trillion (USD 2,108.6 billion), with a net external asset position of USD 623.6 billion. The country's total green-loan book climbed to 43.51 trillion Yuan (approximately USD 6.2 trillion), while Chinese companies' outbound direct investment (ODI) rose to USD 174.38 billion (1.24 trillion Yuan) a year — consolidating China's strategic weight in global capital movements.

2. PBOC Monetary Policy, Liquidity Guidance and the Banking Sector

The PBOC applies counter-cyclical and cross-cyclical flexible monetary-policy tools with determination, in order to support macro stability, stimulate domestic demand and secure financing flows to key sectors.

Policy Rates and RRR Adjustments: Through cuts to the 7-day reverse repo — its de facto policy rate — and to reserve-requirement ratios (RRR), the PBOC has provided stable liquidity support to the market. These steps have widened credit availability for services consumption, elderly care, high-tech manufacturing and infrastructure projects.

Banking Sector External Asset Structure: According to SAFE, at end-Q1 2026 the distribution of the banking sector's external financial assets was: deposits and loans USD 1.18 trillion (56% share); bond investments USD 632.9 billion (30%); equities and other assets USD 293.6 billion (14%). By currency, 46% of assets are in US dollars (USD 977.2 billion), 31% in Renminbi (USD 662.7 billion) and 22% in other currencies.

Deposits and Credit Scale: The banking sector's total external liabilities stood at USD 1.48 trillion, while net foreign-currency assets rose to USD 727.4 billion.

3. Capital Flows: Outbound Direct Investment (ODI) and Global Acquisitions

In line with their strategy of globalising production and raw-material supply chains, Chinese companies are posting a notable investment performance in overseas markets.

ODI Volume: According to MOFCOM and SAFE, China's total outbound direct investment rose 7.4% year-on-year to 1.24 trillion Yuan (USD 174.38 billion). Chinese investors made non-financial direct investments in 11,048 overseas enterprises across 153 countries and regions.

Capital Mix and M&A: Greenfield: newly announced greenfield investments in mining, data centres, clean energy and battery manufacturing exceeded USD 100 billion. Mergers & Acquisitions: Chinese firms' overseas M&A volume continued its upward trend, reaching USD 26 billion, with multi-billion-dollar strategic acquisitions completed in mining, consumer goods and entertainment.

4. Green Finance, the Sustainable Bond Market and the Digital Yuan (e-CNY)

China has built a market structure that sets global scale in integrating the green transition with financial technology.

A Trillion-Dollar Green Loan Book: The total balance of green loans in China's banking and financial system grew 17.5% year-on-year to 43.51 trillion Yuan (USD 6.2 trillion). Green loans' share of the total national loan book has risen to 16.09%.

Green Finance Catalogue Standard: Chinese regulators have enacted verifiable green-finance standards across nine core areas, including energy saving, carbon reduction, low-carbon energy transition, the circular economy and ecological protection.

Digital Yuan (e-CNY) and Cross-Border Payments (mBridge): The PBOC-led Digital Yuan project has accelerated commercial integration by substantially lowering transaction costs and settlement times in international trade finance and cross-border payments via the mBridge platform.

Table 1: Key Indicators of China's Finance and Investment Sector

Indicator / Parameter	Volume / Value (RMB / USD)	Annual Change / Market Share
Banking Sector External Financial Assets	USD 2.11 Trillion (2,108.6 Billion)	Net External Assets: USD 623.6 Billion
Total Outbound Direct Investment (ODI)	1.24 Trillion Yuan (USD 174.38 Billion)	+7.4% Growth (153 Countries)
Announced Greenfield Investment	USD 100 Billion	Energy, Mining & Data Centres
Total Green Loan Book	43.51 Trillion Yuan (~USD 6.2 Trillion)	+17.5% Growth (16.09% of Total Loans)
RMB Share of Banking External Assets	USD 662.7 Billion	31% of Total External Assets

5. C-Suite Perspective: Strategic Takeaways for Global Investors

For C-level executives across global finance and investment, China's financial ecosystem offers three main strategic opportunities:

Macro-Financial Resilience and Capital Depth: China's USD 6.2-trillion green-loan market and USD 2.11-trillion banking external-asset stock represent one of the most liquid, highest-growth-potential market spaces for global portfolio managers and institutional investors.

Standardised Green Finance and Portfolio Opportunities: The 43.51-trillion-Yuan green-loan book and clear catalogue criteria offer ESG-focused international institutional investors transparent, high-yield bond and credit instruments.

Overseas Capital Flows (ODI): Chinese companies' USD 174.38-billion ODI and USD 100 billion in greenfield investment provide a powerful capital source for global players seeking infrastructure and industrial partnerships in emerging markets.

Cross-Border Digital Payment Systems: The spread of the Digital Yuan and mBridge infrastructure minimises currency risk and transfer costs for global companies trading with China.

CONCLUSION

With its flexible monetary-policy management, USD 6.2-trillion green-finance capacity, more than USD 174 billion in outbound investment power and its digital financial infrastructure, the People's Republic of China remains one of the most stable and dynamic centres of the global financial system.

SECTOR 15 Fintech & Cross-Border Payment Solutions**GLOBAL TRANSFORMATION AND DIGITAL-FINANCE LEADERSHIP IN CHINA'S FINTECH AND CROSS-BORDER PAYMENT SOLUTIONS**

CIPS (Cross-Border Interbank Payment System), Project mBridge, Digital Yuan (e-CNY) Integration, Alipay+ and B2B E-Commerce Payment Architecture

1. Executive Summary

The global trade and financial-services sector is undergoing a radical transformation driven by digitalisation and the rise of alternative settlement systems. The technological and operational epicentre of this transformation is the People's Republic of China. Strategic moves by the PBOC, the State Administration of Foreign Exchange (SAFE) and leading FinTech majors are cutting cross-border payment times from days to seconds, lowering transaction costs and opening a new era in global trade finance.

As of 2026, China's Cross-Border Interbank Payment System (CIPS) is breaking historic records in cumulative transaction volume and global participant reach, while the multi-CBDC platform Project mBridge and the e-CNY (Digital Yuan) deliver high efficiency in global liquidity flows. In the consumer and B2B segments, Alipay+ and domestic FinTech platforms (PingPong, LianLian Global and others) connect billions of users and millions of merchants in a seamless cross-border payment network.

2. CIPS and the Global Renminbi Settlement Architecture

CIPS — the independent settlement and messaging backbone of China's role in global finance — is compounding growth in both transaction volume and global reach.

Total Transaction Volume: Annual cross-border transactions processed via CIPS have exceeded 170 trillion Yuan (approximately USD 24.2 trillion). Average daily volume has reached 600 billion Yuan.

Participant Network: Global financial institutions participating in CIPS directly or indirectly now number more than 1,500. The network directly covers institutions in over 115 countries and regions, and reaches more than 180 countries through indirect participants.

Operational Efficiency: Offering seamless real-time gross settlement (RTGS) between direct participants, CIPS has achieved 24/7 operational capacity that removes time-zone gaps in global Renminbi liquidity management.

3. The Cross-Border CBDC Revolution: Project mBridge and the e-CNY

In using central bank digital currencies (CBDC) for cross-border payments, China has built the most advanced, standard-setting infrastructure worldwide.

Project mBridge Minimum Viable Product (MVP): Project mBridge — involving the PBOC Digital Currency Institute, the Hong Kong Monetary Authority (HKMA), the Bank of Thailand, the Central Bank of the UAE and the Saudi Central Bank — has reached enormous volumes in its commercial-use phase.

Cost and Speed Advantage: Thanks to mBridge, cross-border B2B corporate settlement times have fallen from 3–5 business days to seconds (real-time), while correspondent-banking transaction costs have been cut by 50% to 70%.

e-CNY Cross-Border Pilots: The Digital Yuan's cumulative pilot transaction volume has surpassed 7 trillion Yuan (approximately USD 1 trillion). Now integrated with Hong Kong's Faster Payment System (FPS), the e-CNY is used as a direct settlement instrument for cross-border retail spending and e-commerce payments.

4. B2B and E-Commerce Payment Infrastructure: Alipay+, PingPong and LianLian

China's FinTech ecosystem manages digital networks not only at banking level but also in the cross-border trade of micro, small and medium-sized enterprises (SMEs).

Cross-Border E-Commerce Volume: According to China's General Administration of Customs, cross-border e-commerce foreign-trade volume has reached 2.63 trillion Yuan (approximately USD 375 billion). More than 80% of this volume is processed through China-origin FinTech payment infrastructure.

The Alipay+ Ecosystem: Developed by Ant Group, the Alipay+ platform connects more than 90 million merchants worldwide to 1.6 billion consumer accounts via over 25 leading e-wallets and banking apps across Asia and Europe.

B2B Payment Majors (PingPong & LianLian Global): Licensed Chinese FinTech platforms PingPong and LianLian Global serve more than 3 million cross-border e-commerce sellers and B2B exporters globally, managing over USD 100 billion of annual cross-border transfers at low transaction fees.

Table 1: Key Indicators of China's FinTech and Cross-Border Payment Sector

Indicator / Parameter	Volume / Value (RMB / USD)	Annual Change / Global Impact
CIPS Annual Transaction Volume	170 Trillion Yuan (~USD 24.2 Trillion)	1,500+ Participating Financial Institutions
CIPS Average Daily Transactions	600 Billion Yuan	Direct Presence in 115+ Countries
Project mBridge Cost Advantage	50% – 70% Cost Savings	Settlement Time: From Days to Seconds
e-CNY Cumulative Transaction Volume	7 Trillion Yuan (~USD 1 Trillion)	Cross-Border FPS Integration
China Cross-Border E-Commerce Volume	2.63 Trillion Yuan (~USD 375 Billion)	Global Share: High Growth
Alipay+ Connected User Network	1.6 Billion Consumer Accounts	90+ Markets & 90M+ Merchants

5. C-Suite Perspective: Strategic Outcomes for Global Trade and Financial Architecture

For C-level executives across global finance and technology, China's FinTech ecosystem offers three main strategic advantages:

Financial Frictionlessness and Direct Settlement: The mBridge and CIPS infrastructures China has built remove intermediary costs from the traditional banking chain, raising companies' working-capital efficiency in international trade.

Speed and Cost Discipline in Cross-Border Payments: mBridge and Digital-Yuan settlement systems cut B2B payment times to seconds, minimising currency risk and transfer charges.

Global Market Access for SMEs: FinTech providers such as PingPong and LianLian optimise more than USD 100 billion of transfers for global e-commerce merchants, enabling direct collection in local currencies.

A Single Interface to Asia-Pacific Consumers: The Alipay+ infrastructure allows global retail and services companies to reach 1.6 billion digital-wallet users across Asia through a single integration.

CONCLUSION

With 170 trillion Yuan of CIPS volume, its pioneering role in Project mBridge, e-CNY pilots exceeding 7 trillion Yuan and an Alipay+ network reaching 1.6 billion people, the People's Republic of China consolidates its position as the most innovative and driving force in global FinTech and cross-border payment systems.

Taner Gökalp | Guangzhou, CHINA

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China's Industrial & Technological Transformation

15 Strategic Infographics

Visualized strategic dataset for C-Suite executives and analysts

- | | | | |
|---|--|----|--|
| 1 | Automotive & Automotive Supply Chain | 9 | Food & Agriculture |
| 2 | Molds, Machinery & Precision Machining | 10 | Tourism & Culture |
| 3 | Smart Factories & Industrial Robotics | 11 | Logistics & Transportation |
| 4 | Technology & Software | 12 | Aerospace & Space |
| 5 | Rare Earth Elements & Battery Supply Chain | 13 | Geopolitical Competition |
| 6 | Energy & Green Technology | 14 | Finance & Investment |
| 7 | Textiles & Apparel | 15 | Fintech & Cross-Border Payment Solutions |
| 8 | Construction & Infrastructure | | |

Automotive & Automotive Supply Chain

Global Leadership in Electrification & Vertical Integration

51.3%

NEV Penetration Rate

15.3M Units

2025 Domestic NEV Sales

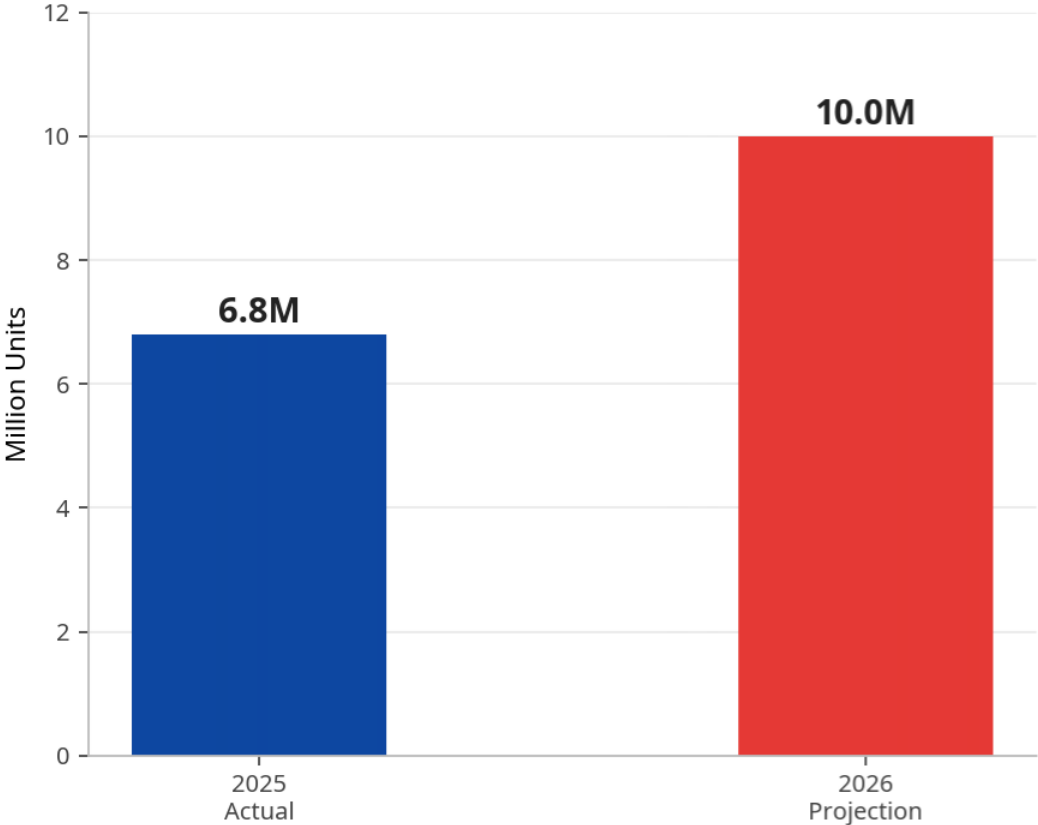
2.27M Units

2025 NEV Exports
(+94.2% YoY)

70.4%

Global Battery Market
China-Origin Share

Total Vehicle Export Projection (Million Units)



Global Battery Market Dominance

- **CATL:** 464.7 GWh | 39.2% Global Share (#1)
- **BYD:** 194.8 GWh | 16.4% Global Share (#2)
- **Total China Share:** 70.4% Global Battery Cell Installations
- **Technology:** LFP, Sodium-Ion, Solid-State Batteries

Market Dynamics

- **NEV Penetration:** 51.3% — every 2nd car sold is electric
- **Export Growth:** +94.2% YoY with 2.27M NEV units exported

STRATEGIC TAKEAWAY: China solidifies global EV leadership with 51.3% NEV penetration while completing vertical integration with 70.4% dominance in battery supply chains.

Molds, Machinery & Precision Machining

Sub-Micron Tolerance & High-Speed CNC Revolution

\$25.79 Billion

2026 Precision Machining
Market Size (7.9% CAGR)

\$58.75 Billion

Injection & Industrial
Mold Market

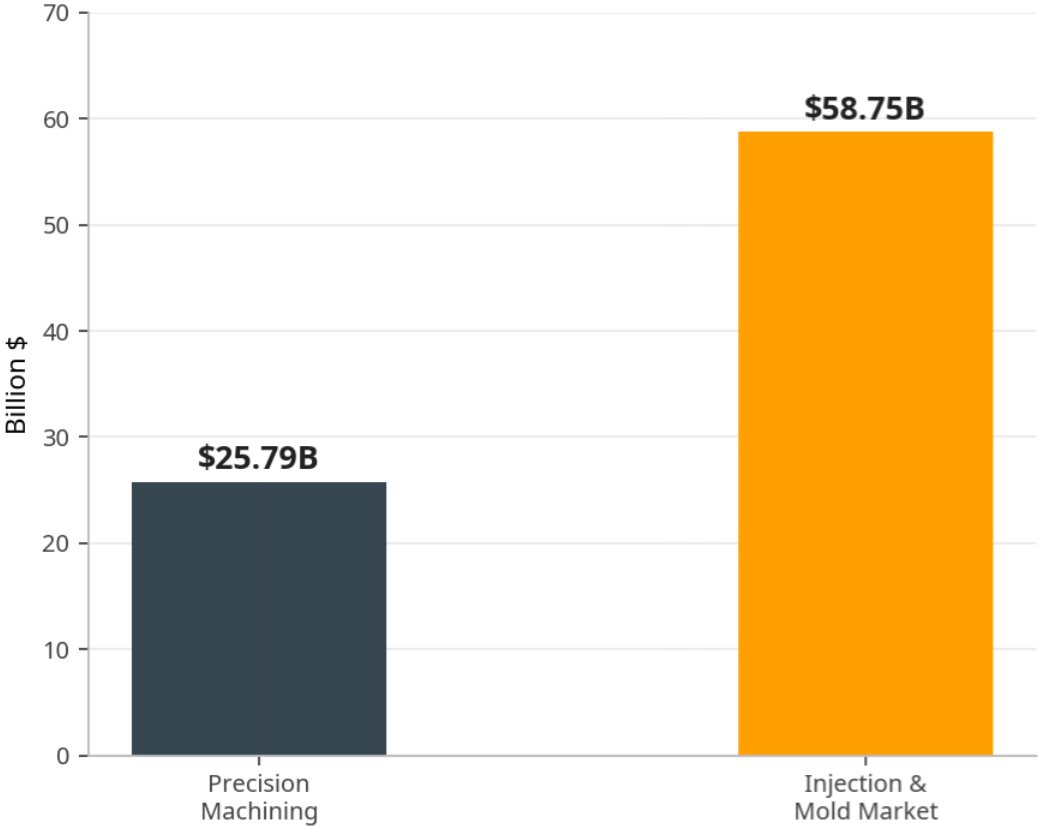
85.03%

CNC Technology
Adoption Rate

19.00%

Global Machine Tool
Export Share (#1)

Market Size (Billion \$)



Technological Superiority

- **CNC Adoption:** 85.03% of operations use CNC technology
- **Export Leadership:** 19% global machine tool exports (#1)
- **CAGR:** 7.9% annual growth rate
- **Global Share:** 17.8% industrial mold market

Competitive Advantage

- **Precision:** Sub-micron tolerance standards
- **Capacity:** 5-axis CNC, high-speed machining centers

STRATEGIC TAKEAWAY: China's \$25.79B precision machining market grows at 7.9% CAGR while leading global machine tool exports with a 19% share.

Smart Factories & Industrial Robotics

2,027,000

Operational Robot Stock
(First country to exceed 2M)

295,000

Annual New Robot
Installations (54% Global)

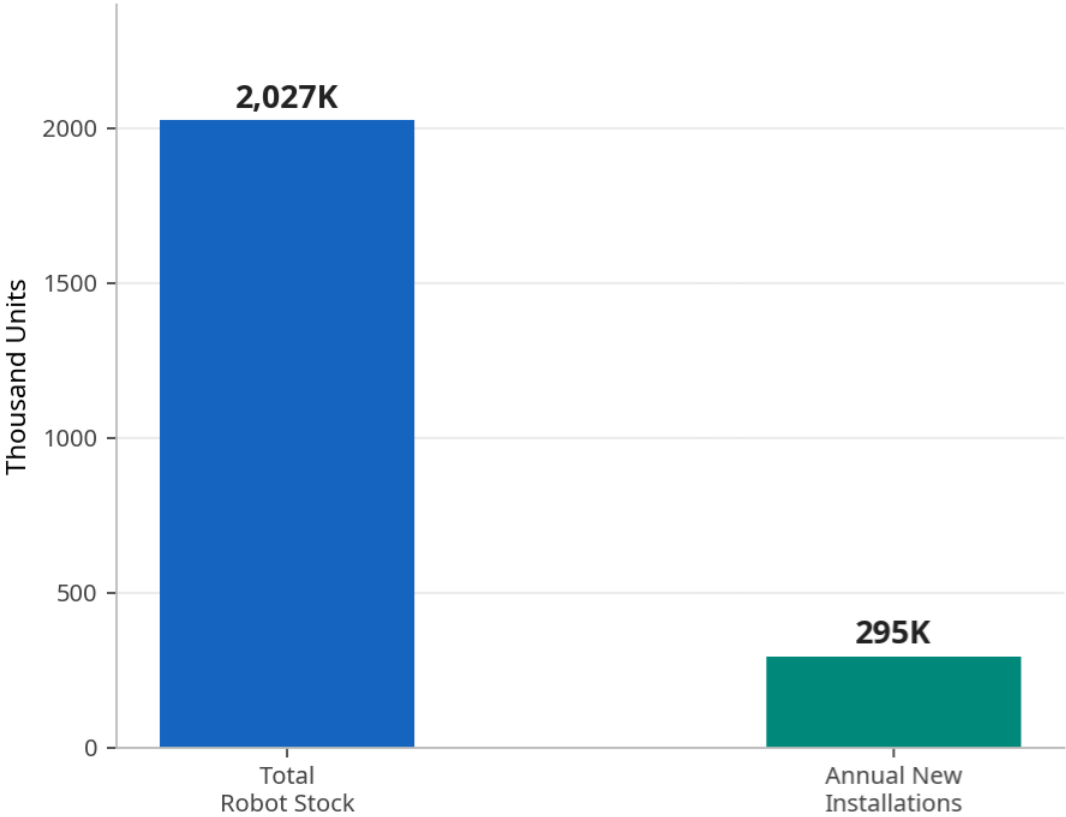
57%

Domestic Robot
Brand Share

\$110.26 Billion

2026 Smart Manufacturing
Market Size

Robot Installation & Stock (Thousand Units)



Smart Manufacturing Targets

- **Global Share:** 54% of annual robot installations
- **Domestic Brands:** 57% market share (surpassing foreign makers)
- **2026 Target:** 10,000 national smart factories
- **Market Size:** \$110.26 billion (2026 estimate)

Transformation Vision

- **Dark Factories:** Fully autonomous production lines
- **IIoT Integration:** Digital twins and real-time monitoring

STRATEGIC TAKEAWAY: China ranks #1 globally with 2M+ operational robots and is advancing toward 10,000 national smart factories by end of 2026.

\$2.22 Trillion

Total Software Industry
Revenue (+13.2% YoY)

61%

Global AI Tokens
Processed by Chinese LLMs

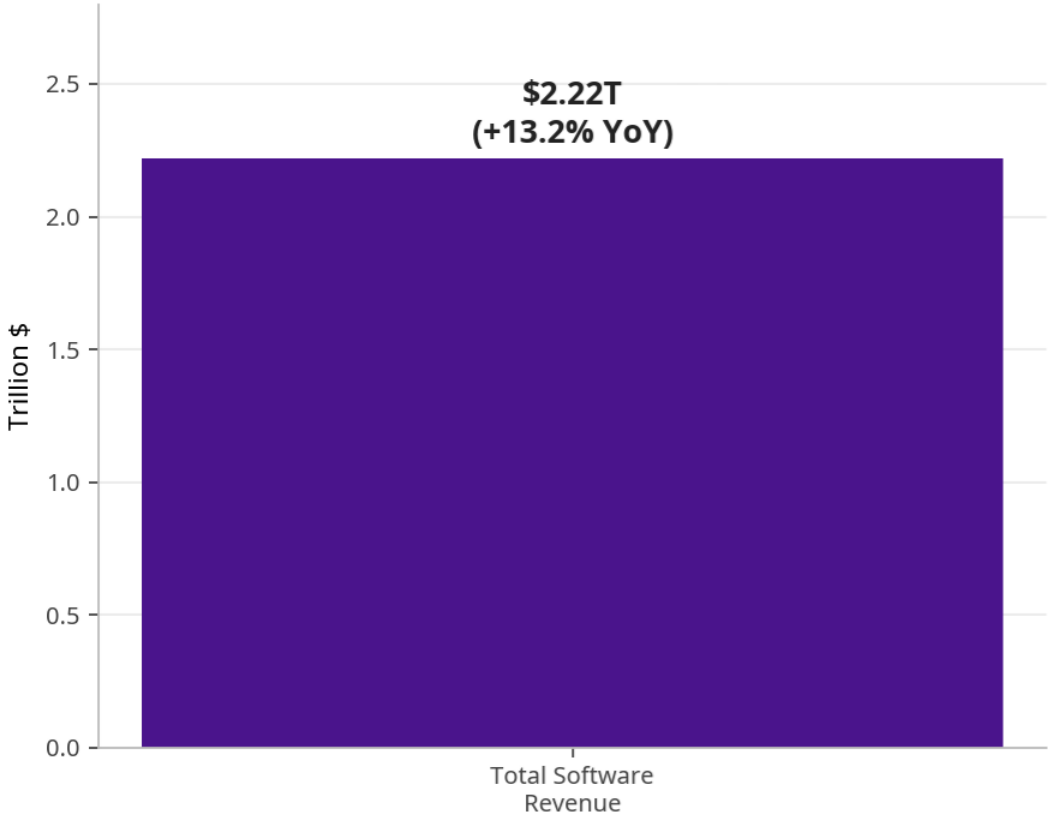
1.3 Billion

HarmonyOS Active
Connected Devices

1 Billion+

Qwen Open-Source
Global Downloads

Software Industry Revenue (Trillion \$)



AI & Ecosystem Indicators

- **AI Token Share:** 61% of global processed tokens from Chinese LLMs
- **HarmonyOS:** 1.3B devices, 11M developers, 40M+ apps
- **Qwen (Alibaba):** 1 billion+ open-source downloads
- **Growth:** +13.2% annual sector revenue increase

Strategic Direction

- **Independence:** Domestic OS and chip ecosystem development
- **Open Source:** DeepSeek, Qwen, Yi — global contributions

STRATEGIC TAKEAWAY: China's software sector generates \$2.22T in revenue (+13.2% YoY) while 61% of global AI token processing flows through Chinese-origin LLMs.

Rare Earth Elements & Battery Supply Chain

Strategic Dominance in Critical Minerals & Chemistry

58.3%

REE Mining
Global Share

90%

REE Refining &
Separation Share

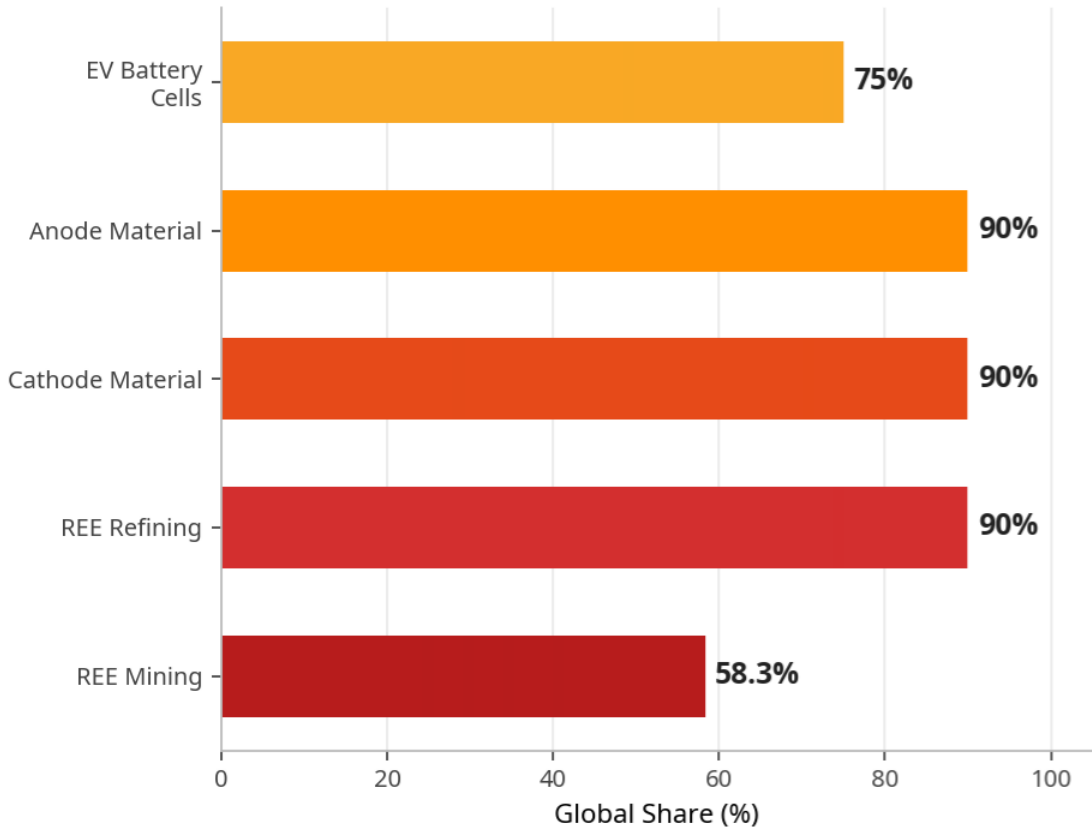
90%+

Cathode & Anode
Material Production

75%

EV Battery Cell
Installation Share

China's Global Supply Chain Dominance (%)



Strategic Value Chain

- **Mining:** 58.3% of global REE extraction
- **Refining:** 90% separation and processing capacity
- **Cathode Active Material:** 90% manufacturing dominance
- **Anode Material:** 2.59 million tons production capacity

Dominance Dimension

- **Vertical Integration:** Full control from mine to battery cell
- **Strategic Leverage:** Export restrictions as geopolitical tool

STRATEGIC TAKEAWAY: China controls 58-90% of the global value chain from rare earth elements to battery cells, maintaining strategic leverage through vertical integration.

\$2.1 Trillion

Clean Energy GDP Contribution (11.4% Share)

>2,300 GW

Renewable Energy Installed Capacity

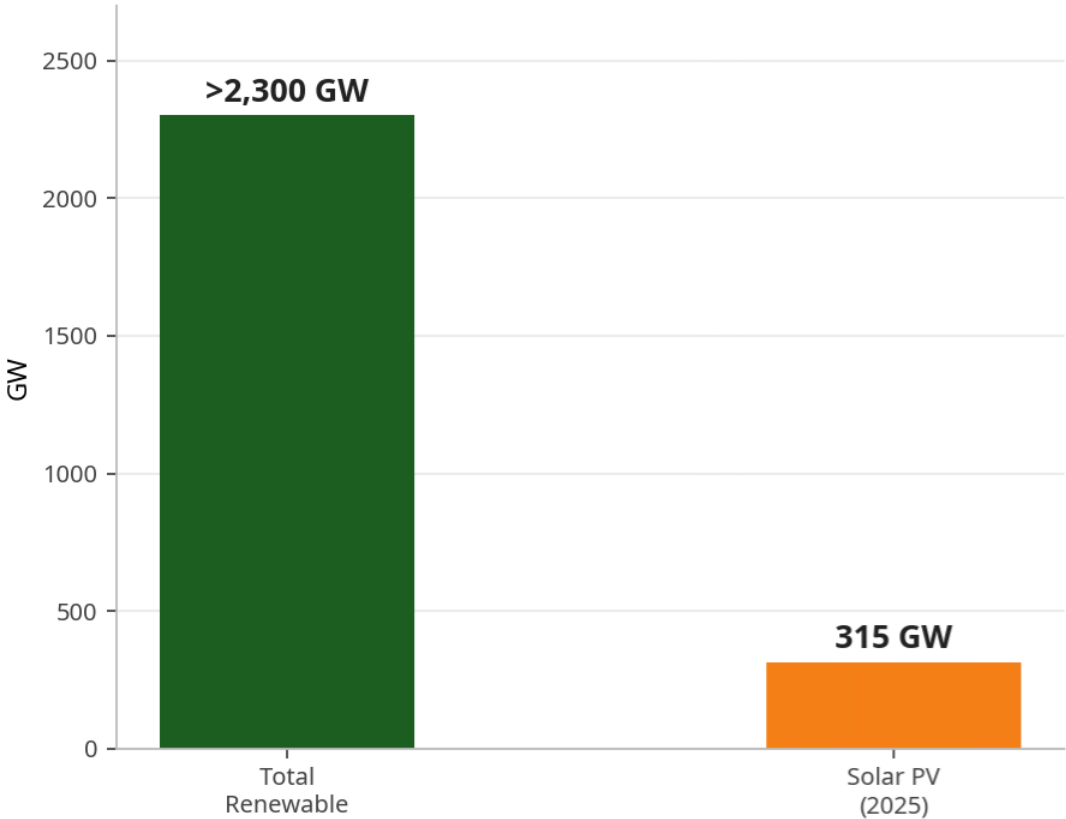
315 GW

2025 Solar PV Capacity Added

92%

Global Solar Cell Production Share

Renewable Energy Capacity (GW)



Green Economy Indicators

- GDP Contribution:** 15.4T RMB (\$2.1T) — 11.4% national share
- National Share:** 59.1% of total energy from renewables
- Solar Dominance:** 92% of global solar cell production
- Capacity:** 2,300+ GW installed renewable energy

Strategic Position

- Growth Engine:** Trillion-dollar green investment cycle
- Export Power:** Solar panels, wind turbines, EV batteries

\$293.77 Billion

Total Export Capacity
(Global Market Leader)

\$142.60 Billion

Semi-Finished Textile
& Fabric Exports

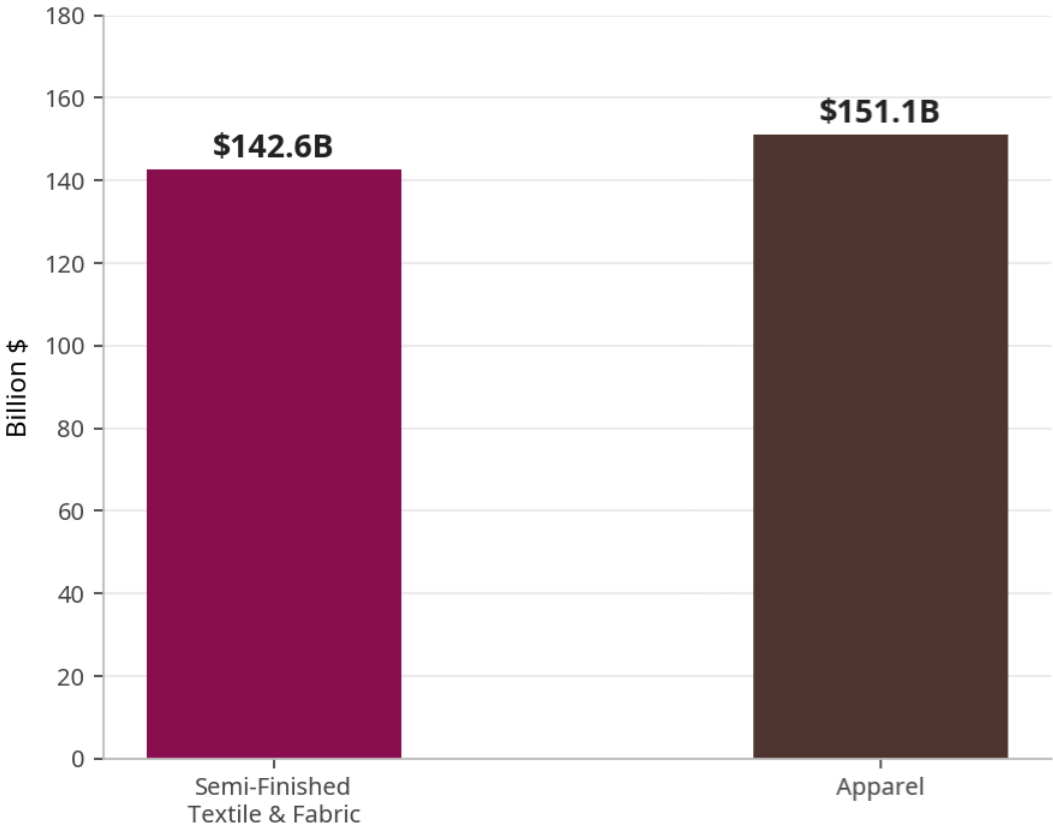
\$151.12 Billion

Apparel Exports

7-10 Days

C2M Digital Supply
Lead Time

Export Distribution (Billion \$)



Market Segments

- **Total Exports:** \$293.77 billion — global market leader
- **Domestic Sportswear:** 252 billion RMB (\$35 billion)
- **Functional Textiles:** \$68.4 billion (2025)
- **C2M Delivery:** Order-to-delivery in 7-10 days

Competitive Advantage

- **Smart Manufacturing:** C2M (Consumer-to-Manufacturer) model
- **Technical Fabrics:** High-performance functional textiles

Construction & Infrastructure

New Infrastructure, UHV Grids & Mega-Project Capacity

\$1.7-1.9 Trillion

2026 Annual Infrastructure
Investment Volume

50,400 km

HSR Network Length
(67% of World Total)

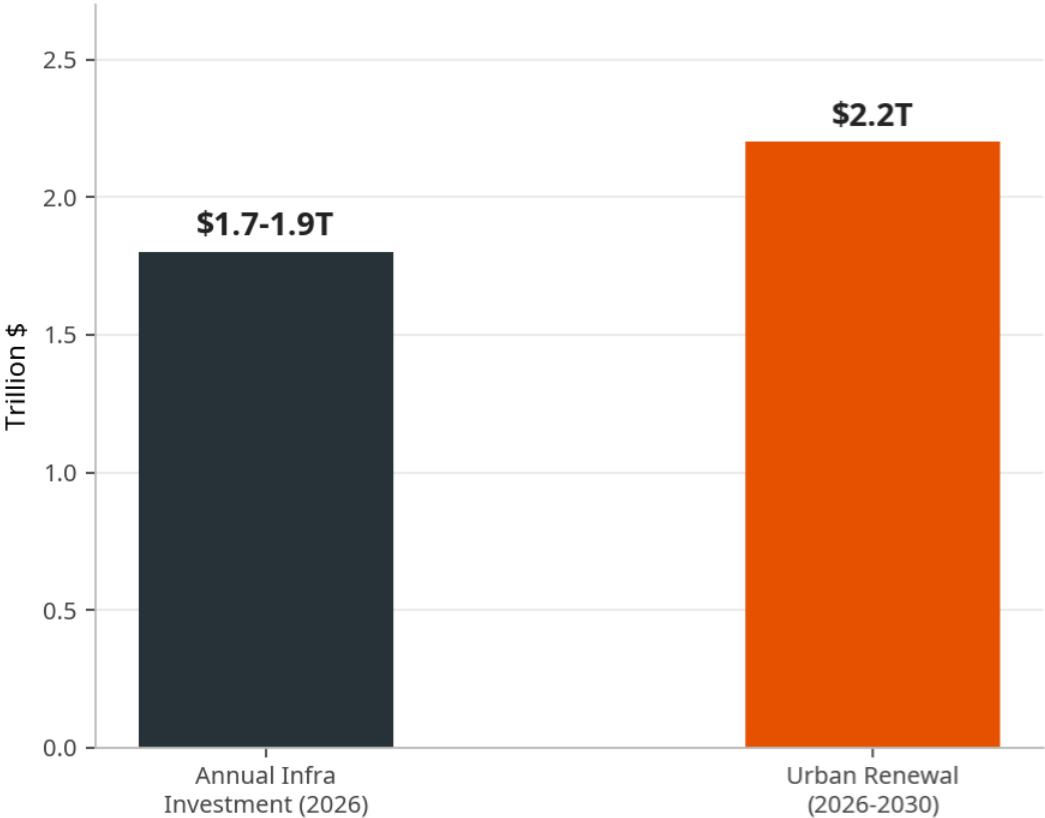
\$128.4 Billion

2025 BRI Construction
Contracts (+81% YoY)

\$2.2 Trillion

2026-2030 Urban
Renewal Budget

Infrastructure Investment Scale (Trillion \$)



Mega-Project Indicators

- **HSR Network:** 50,400 km — 67% of the world's total
- **BRI Construction:** \$128.4B new contracts (+81% YoY)
- **Urban Renewal:** \$2.2 trillion (2026-2030 period)
- **UHV Grids:** Ultra-high voltage power transmission infra

Strategic Dimension

- **Global Contracting:** Projects in 150+ BRI countries
- **Digital Infra:** 5G base stations, data centers

STRATEGIC TAKEAWAY: China represents the world's largest infrastructure construction force with \$1.7-1.9T annual investment and a 50,400 km HSR network.

714.9M Tons

National Grain Output
(All-Time Record)

298M Tons

Corn Harvest

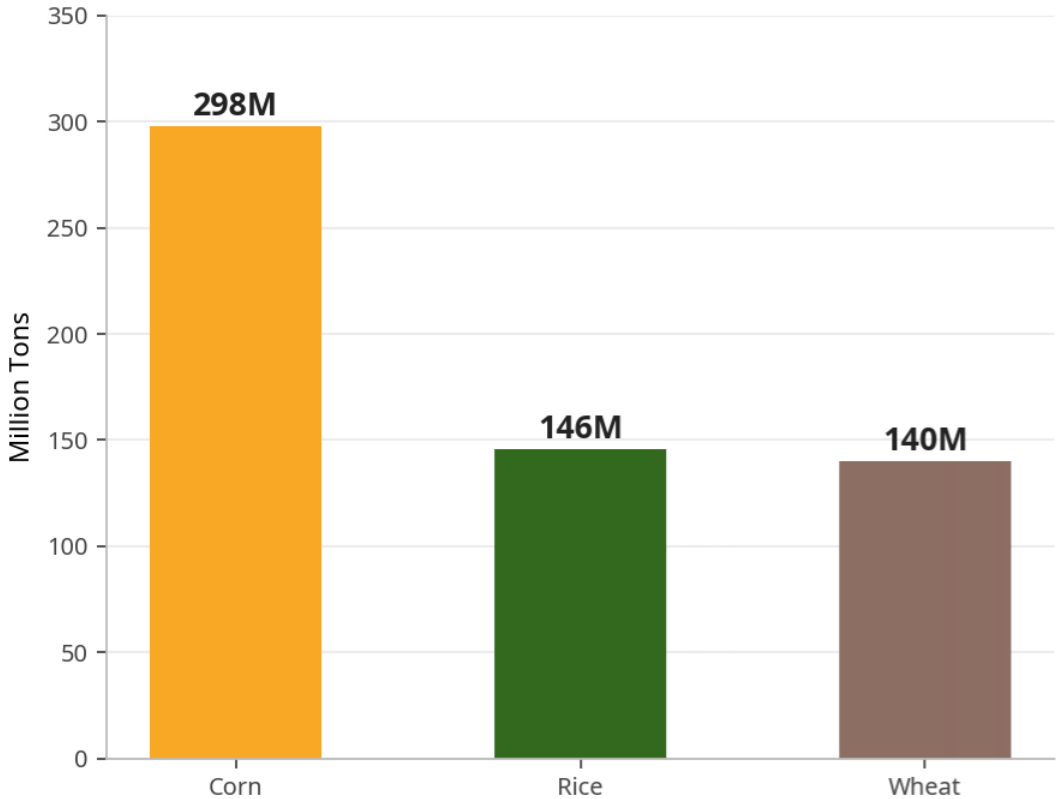
\$2.03 Billion

AgTech Market (2025)

\$1.69 Billion

Precision Agriculture Market

Grain Production Breakdown (Million Tons)



AgTech & Precision Agriculture

- Total Harvest:** 714.9 million tons (all-time record)
- AgTech Market:** \$2.03 billion (2025)
- Precision Ag:** \$1.69 billion market size
- AI Model:** Shennong Large Model 3.0 (agricultural AI)

Technology Applications

- Drone Technology:** AI-powered crop monitoring & spraying
- Autonomous Tractors:** GPS-guided precision planting systems

6.522 Billion

Annual Domestic
Tourism Trips

\$906 Billion

Domestic Tourism
Spending

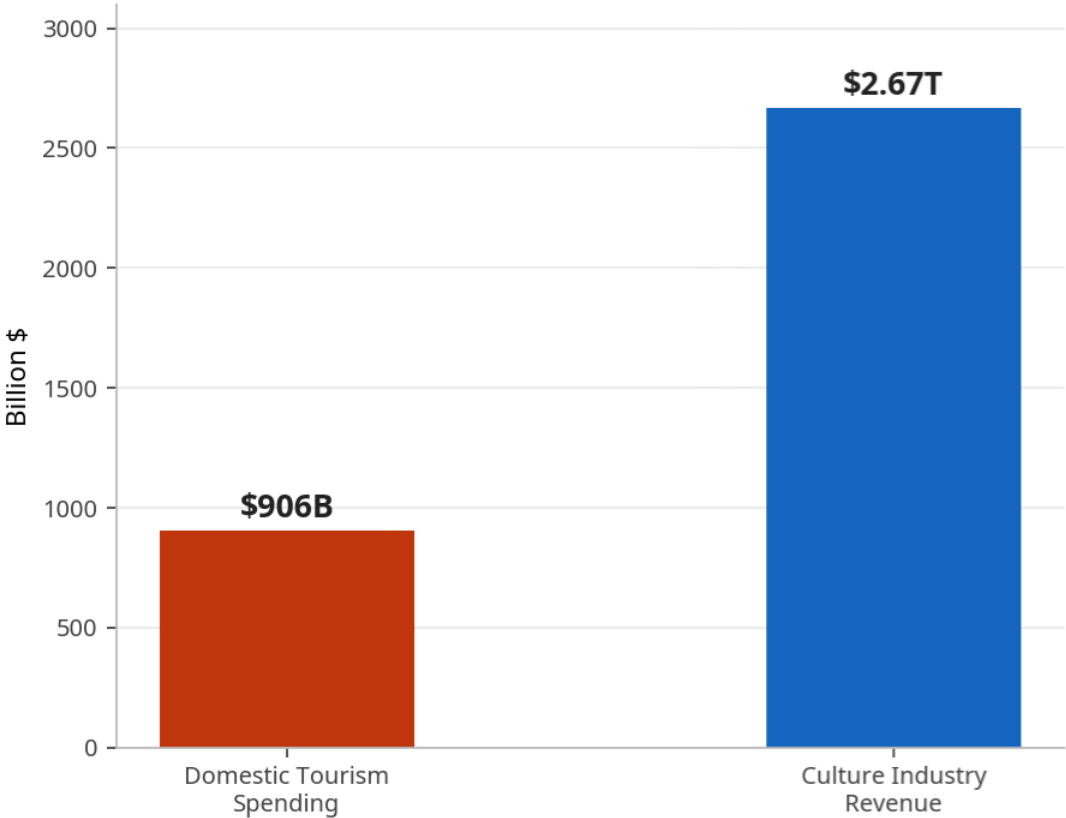
\$2.67 Trillion

Culture Industry
Revenue (+7.1% YoY)

240 Hours

Visa-Free Transit
(55 Countries, 65 Ports)

Tourism & Culture Economy (Billion \$)



Visa-Free Transit & Growth

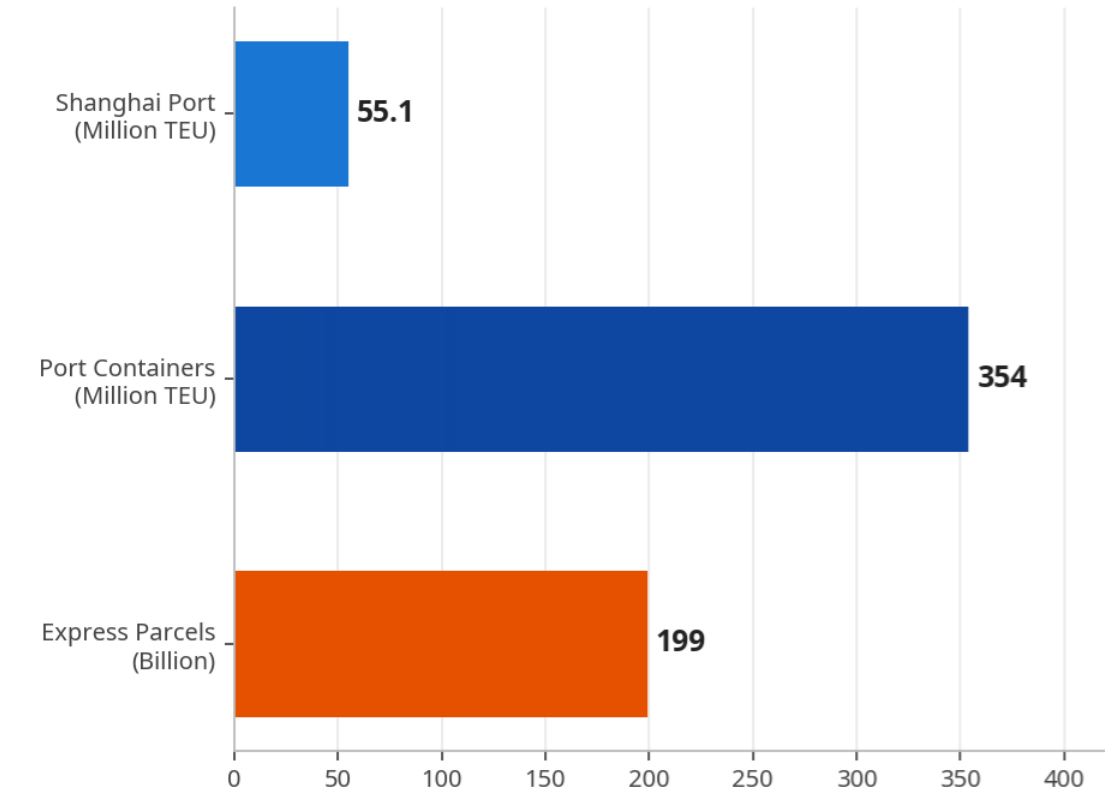
- Domestic Tourism: 6.522 billion trips (+16.2% YoY)
- Spending: 6.30 trillion RMB (\$906 billion)
- Culture Revenue: 19.14 trillion RMB (+7.1% YoY)
- Visa-Free: 240 hours / 55 countries / 65 entry ports

Opportunity Areas

- Digital Tourism: Mobile payment and QR code infrastructure
- Culture Exports: Film, gaming, digital content economy



Logistics Scale Indicators



Connectivity & Automation

- **Shanghai Port:** 55.1M TEU — world #1 for 16 consecutive years
- **China-Europe Rail:** 20,022 trips/year, 26 countries, 236 cities
- **Automation:** 60 fully automated container terminals
- **Logistics Revenue:** 14.3 trillion yuan

- Competitive Strength**
- **Global Share:** 65% express parcel market share
 - **Smart Warehousing:** AI-powered sorting and distribution

93 Launches

2025 Orbital Launch
Record (2026 Target: >140)

\$211 Billion

Low-Altitude Economy
Market Size

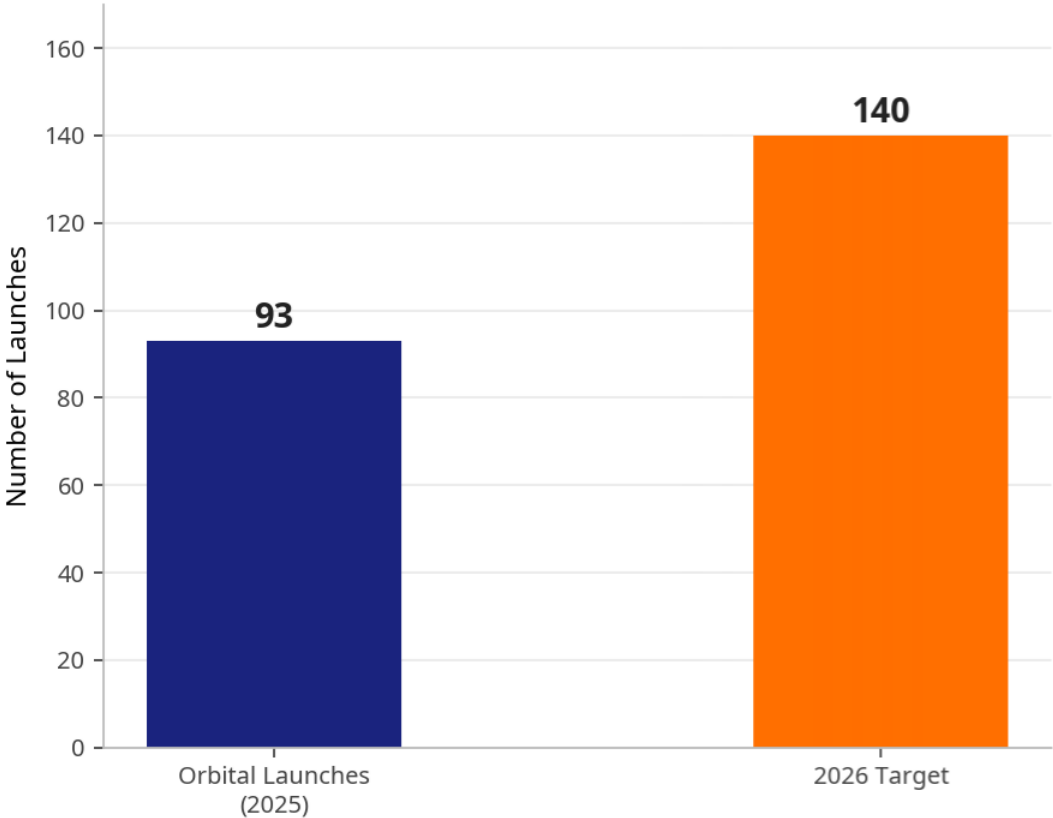
3.28M+

Registered UAV/Drone
Fleet

1,000+ Units

COMAC C919
Total Orders

Space & Aviation Metrics



Low-Altitude & Civil Aviation

- **Low-Altitude Economy:** 1.5 trillion RMB (\$211 billion)
- **Drone Fleet:** 3.28 million+ registered UAVs
- **COMAC C919:** 1,000+ units ordered
- **Target:** 140+ orbital launches in 2026

Deep Space Vision

- **Space Station:** Tiangong modular station operational
- **Lunar Program:** Chang'e series and crewed moon mission plan

STRATEGIC TAKEAWAY: China set an orbital launch record of 93 in 2025 while the low-altitude economy reached a \$211 billion market size.

Geopolitical Competition: Strategic Alignment & Global Cooperation

One Belt and Road Initiative & Global South Integration

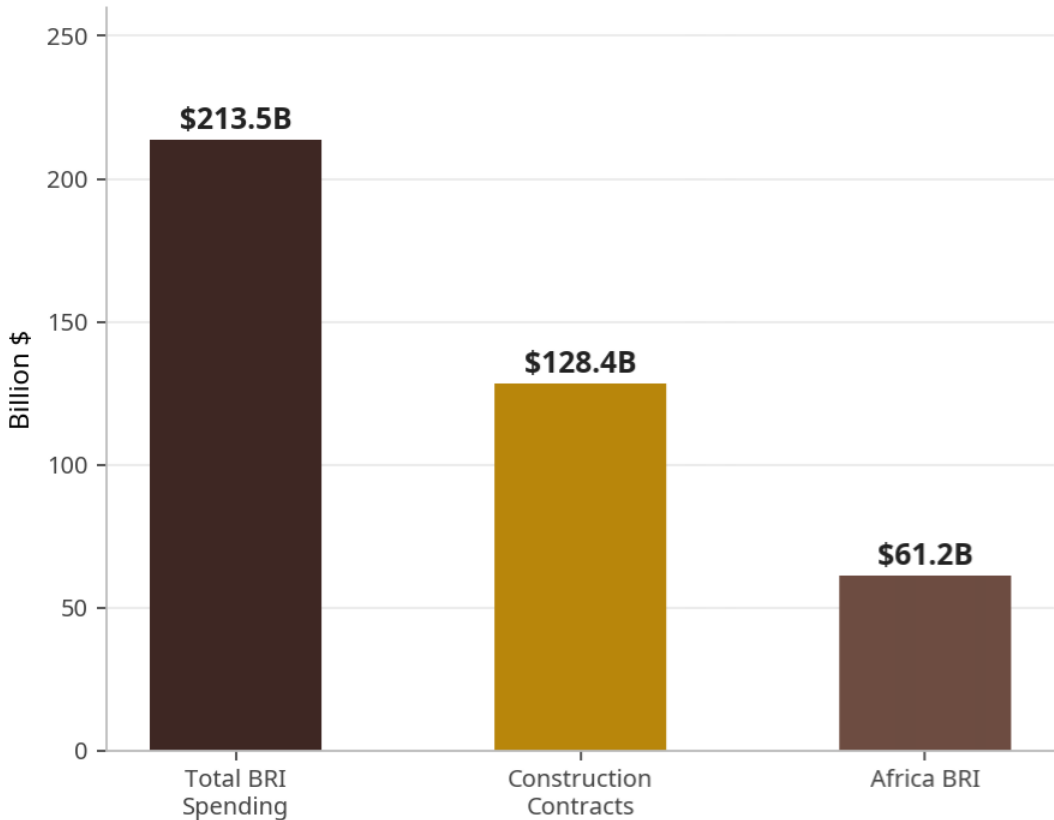
\$1.399 Trillion
Cumulative BRI
Engagement (150 Countries)

\$213.5 Billion
Annual Record BRI
Spending

>\$930 Billion
China-ASEAN Trade
Volume (CAFTA 3.0)

\$3.75 Trillion
2026 H1 Foreign Trade
(+16.9% YoY)

BRI Spending Breakdown (Billion \$)



Global Trade & Cooperation

- BRI Scope:** 150 countries, \$1.399 trillion cumulative
- Africa:** \$61.2 billion (+283% YoY)
- ASEAN:** >\$930 billion trade (CAFTA 3.0)
- SCO:** 3.4 billion people (42% of world population)

Trade Dynamics

- Foreign Trade:** \$3.75 trillion (2026 H1, +16.9% YoY)
- Strategy:** Global South integration and multipolarity

STRATEGIC TAKEAWAY: China's 1.4T cumulative BRI engagements spans 150 countries, while 2026 H1 foreign trade reached 3.75 trillion (+16.9% YoY).

\$2.11 Trillion

Banking Sector External
Financial Assets

\$174.38 Billion

Outbound Direct
Investment (ODI)

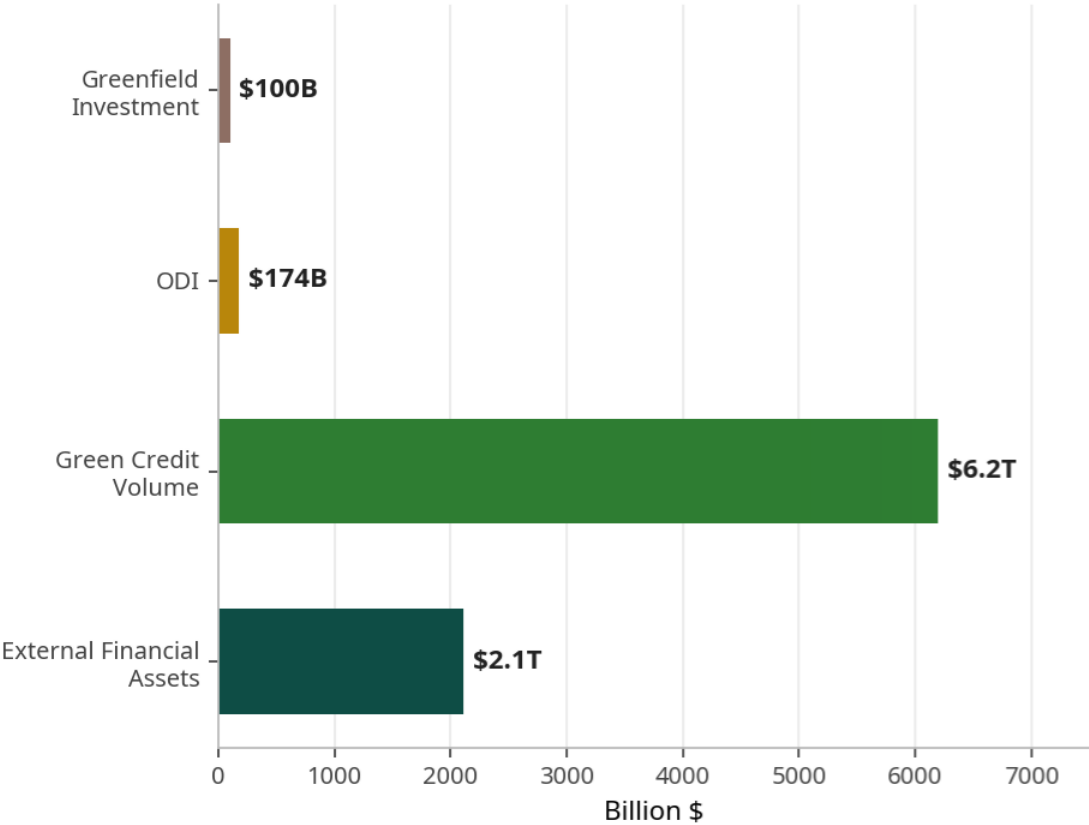
\$6.2 Trillion

Total Green Credit
Volume (16.09% Share)

\$100 Billion+

Greenfield Investment
Abroad

Financial Assets & Investment (Billion \$)



Green Finance & Capital Flows

- Green Credit:** 43.51T RMB (\$6.2T) — 16.09% of total loans
- ODI:** 1.24T RMB (\$174.38B) — +7.4% growth
- Greenfield:** \$100B+ new overseas investments
- Net Position:** \$623.6B external net financial assets

Strategic Financing

- Sustainability:** Green credit comprises 16% of total lending
- Global Reach:** Infrastructure financing across BRI nations

Fintech & Cross-Border Payment Solutions

Project mBridge, e-CNY & Instant Settlement Architecture

~\$24.2 Trillion

CIPS Annual Transaction Volume (170T Yuan)

1,500+

CIPS Participating Institutions (115+ Countries)

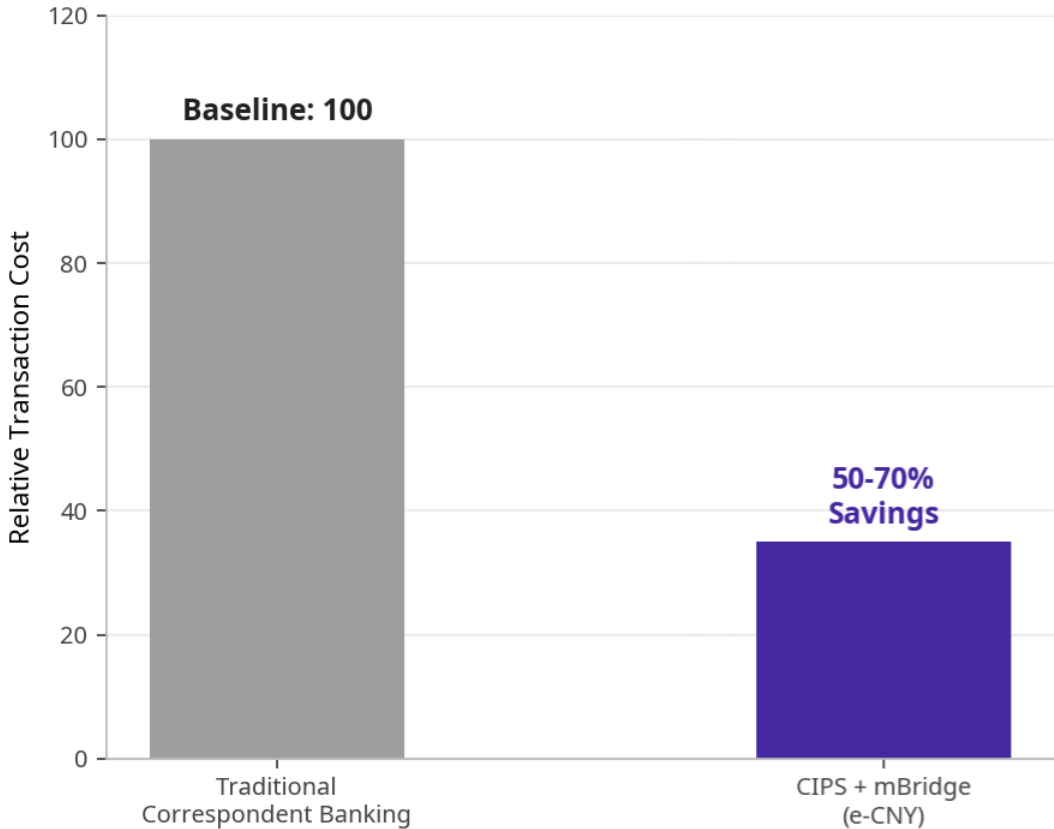
~\$1 Trillion

e-CNY Cumulative Transaction Volume

1.6 Billion

Alipay+ Global Consumer Reach

Cost Savings: mBridge vs Traditional (%)



Digital Payment Infrastructure

- **CIPS:** 170T yuan (~\$24.2T), 1,500+ institutions, 115+ countries
- **e-CNY:** 7 trillion yuan (~\$1T) cumulative transactions
- **mBridge:** 50-70% cost reduction, instant settlement
- **Alipay+:** 1.6 billion consumers, 90M+ merchants

E-Commerce Integration

- **Cross-Border E-Commerce:** 2.63 trillion yuan (\$375 billion)
- **Digital Yuan:** Programmable money & smart contract support

UPCOMING EVENTS

China / Asia Business Events · August – December 2026

No	Fair / Event	City	Date	Description
1	China International Hair Expo & Scalp Health Industry Expo (16th)	Guangzhou	1-3 Aug	Hair products, scalp health, beauty supplies and the full supply chain.
2	China International Animation Expo (16th)	Dongguan	6-10 Aug	Animation, digital IPs, "smart space" theme; more than 2,200 global IPs.
3	World Robot Conference 2026	Beijing	19-23 Aug	Humanoid robots and AI; 300+ companies, 150+ new product launches.
4	34th Guangzhou Fair	Guangzhou	21-23 Aug	Technology, health and consumer goods focus; 200,000 m² of exhibition space.
5	Guangzhou Medical & Health Industry Expo 2026	Guangzhou	21-23 Aug	Healthcare services, medical equipment, urban health chain; concurrent with the Guangzhou Fair.
6	China International Big Data Industry Expo	Guiyang	Late Aug (date TBC)	Databases, computing infrastructure, AI and security themes.
7	Shenzhen Five-in-One Fair (PCIM Asia, Formnext, IOTE, AGIC, ISVE)	Shenzhen	26-28 Aug	Power electronics, 3D printing, IoT, AI and smart displays under one roof.
8	IOTE 2026 – 25th International Internet of Things Expo	Shenzhen	26-28 Aug	IoT-AI integration, full range of sensor and connectivity solutions.
9	XAIR Expo – Embodied Intelligence Industry Expo 2026	Guangzhou	3-6 Sep	Organised under MIIT; embodied intelligence, hardware and robotics applications.
10	21st China International SME Fair	Guangzhou	3-6 Sep	AI applications for SMEs; Indonesia as guest of honour.
11	China (Taiyuan) International Energy Expo 2026	Taiyuan	3-6 Sep	Energy transition, next-generation energy, smart equipment; 13 themed zones.
12	27th China International Optoelectronic Expo (CIOE)	Shenzhen	9-11 Sep	Optoelectronics, fibre communications, lasers, precision optics; 4,000+ exhibitors.
13	CIFTIS 2026 (China International Fair for Trade in Services)	Beijing	9-13 Sep	Trade in services (finance, tourism, telecoms, healthcare); Norway as guest of honour.
14	Food & Hospitality China – Guangzhou International Food Expo 2026	Guangzhou	10-12 Sep	Food and beverage, fresh produce, supply-chain matchmaking.
15	Shenzhen International Digital Energy Expo (IDEE2026)	Shenzhen	15-18 Sep (est.)	Digital energy technologies, smart grids and energy storage.
16	China International Information and Communication Exhibition (PT Expo)	Beijing	22-24 Sep	Telecommunications, 5G/6G, information infrastructure; China's longest-running ICT fair.
17	Wuhan International AI & Robot Expo 2026	Wuhan	10-12 Oct	AI and robotics across 10 application fields including logistics, healthcare and smart manufacturing.
18	26th China International Industry Fair	Shanghai	12-16 Oct	Industrial automation, machine tools, robotics, energy; 300,000 m².
19	140th Canton Fair (Phase 1)	Guangzhou	15-19 Oct	"Advanced Manufacturing" theme; electronics, automotive, industrial automation, green technologies.
20	24th China International Urban Construction Expo	Beijing	15-17 Oct	Urban renewal, infrastructure, construction materials and new technologies.
21	China Civil Aviation Maintenance & Manufacturing Expo (Shanghai MRO)	Shanghai	15-16 Oct	Aviation maintenance, spare-parts supply chain, aircraft technologies.
22	Wenzhou Embodied Intelligent Robot Application & Industry Expo 2026	Wenzhou	17-19 Oct	Industrial and service applications of embodied-intelligence robots.
23	International Computing-Power & Electricity Collaboration Expo 2026	Shanghai	Oct (date TBC)	Computing power, electricity infrastructure, data centres and energy efficiency.
24	9th China International Import Expo (CIIE)	Shanghai	5-10 Nov	The world's largest import fair; 430,000 m², national and business pavilions.

No	Fair / Event	City	Date	Description
25	China International Security Expo 2026	Beijing	3-6 Nov	Public security, AI safety, drone systems, cybersecurity.
26	23rd China International Semiconductor Expo (IC China)	Beijing	12-14 Nov	Semiconductors, chip manufacturing, technology-independence goals.
27	27th Guangdong International Sports Goods Expo	Guangzhou	13-16 Nov	Sporting goods, fitness equipment, healthy living; 30,000 m ² of space.
28	23rd China International Transport & Logistics Expo	Zhengzhou	19-21 Nov	Logistics, digital supply chains, green logistics and smart transport.
29	28th China Hi-Tech Fair	Shenzhen	26-28 Nov	New technologies, new energy, new materials; 400,000 m ² , 5,000+ exhibitors.
30	16th China International Aviation & Aerospace Exhibition (Airshow China)	Zhuhai	7-13 Dec	Aviation and aerospace, flight displays, static exhibition; China's largest air show.

OPPORTUNITIES — CHINESE MEDICAL PARTS MANUFACTURERS

20 OEM/ODM medical component producers · Contact & specialisation directory

A list of 20 China-based manufacturers of medical parts, components and OEM/ODM medical devices is presented below, together with contact details and descriptions of their production fields:

#	Company	Access & Contact Details	Production Specialisation & Description
1	Shenzhen Mindray Bio-Medical Electronics	Web: mindray.com Location: Shenzhen, Guangdong Tel: +86 755 81888998	One of China's largest medical-equipment manufacturers. Produces patient-monitor components, ultrasound probes/transducers, IVD analyser modules and operating-theatre lamp/table assemblies.
2	AccuPath Group Co., Ltd.	Web: accupathmed.com Location: Shanghai / Jiangsu	Specialises in medical catheter tubing, OEM balloon catheters, Nitinol stent wires, braided tubes and interventional medical components.
3	Enove Precision Plastics Catheter Co., Ltd.	Web: enoveoem.com Location: Suzhou, Jiangsu Tel: +86 512 6303 5210	Produces precision medical plastic extrusion, multi-lumen tubes, PI-reinforced braided tubing and custom-designed catheter components.
4	MicroPort Scientific Corporation	Web: microport.com Location: Shanghai Tel: +86 21 3895 4600	Manufactures cardiovascular stents, orthopaedic implant parts, neuro-vascular components and surgical-robotics system parts.
5	Lepu Medical Technology	Web: lepumedical.com Location: Beijing Tel: +86 10 8012 0666	Among the leading global producers of intravascular catheters, guidewires, IVD test-cartridge components and cardiovascular medical parts.
6	Shinva Medical Instrument Co., Ltd.	Web: shinva.com Location: Zibo, Shandong Tel: +86 533 358 7777	Produces infection-control equipment parts, sterilisation device components, surgical instruments and radiotherapy assemblies.
7	Edan Instruments, Inc.	Web: edan.com Location: Shenzhen, Guangdong Tel: +86 755 2689 8321	Manufactures diagnostic ECG components, ultrasound probes, foetal-monitor parts and PoCT (point-of-care testing) modules.
8	Guangdong Biolight Meditech Co., Ltd.	Web: biolightmed.com Location: Zhuhai, Guangdong Tel: +86 756 339 9999	Specialist OEM supplier of patient-monitoring cables, SpO2 sensor parts, NIBP cuffs and haemodialysis consumable components.
9	Shenzhen New Industries Biomedical (Snibe)	Web: snibe.com Location: Shenzhen, Guangdong Tel: +86 755 2650 1566	Produces chemiluminescence analyser parts, biochemistry modules and reagent consumable components for the in-vitro diagnostics (IVD) sector.
10	Shanghai United Imaging Healthcare	Web: united-imaging.com Location: Shanghai Tel: +86 21 6707 6888	Manufactures X-ray tube assemblies, detector modules and RF coil parts for advanced medical-imaging systems (CT, MRI, PET/CT).
11	Beijing WeMed Medical Technology	Web: wemedmedical.com Location: Beijing Tel: +86 10 6021 6808	Producer of interventional robot arms, angiography C-arm X-ray device components and catheterisation table assemblies.
12	Shanghai Meddo Medical Equipment	Web: meddomedical.com Location: Shanghai E-mail: info@meddomedical.com	Offers OEM/ODM services in automatic washer-disinfector unit assemblies, smart lifting systems and rehabilitation-device parts.
13	PrecisionChina Machinery Co., Ltd.	Web: precisionchina.com Location: Shenzhen, Guangdong E-mail: sales@precisionchina.com	Manufactures medical mould cores/inserts, micron-tolerance CNC-machined medical parts and plastic-injection medical accessories.
14	China Medical CNC Machining Inc.	Web: cn.mfgmachined.com Location: Dongguan, Guangdong E-mail: inquiry.cn@made-parts.com	Produces custom CNC machining, rapid tooling and injection parts for medical-device housings, valves and fluid-control components.
15	Yangzhou Viomed Medical Supplies	Web: chinamedica.com Location: Yangzhou, Jiangsu Tel: +86 514 8787 9145	Manufactures medical tubing connectors, fluid-delivery set components, injection ports and single-use surgical parts.
16	APT Medical Inc.	Web: aptmed.com Location: Shenzhen, Guangdong Tel: +86 755 8601 6296	Produces electrophysiology (EP) catheter parts, vascular-intervention micro-catheter assemblies and introducer-sheath components.

#	Company	Access & Contact Details	Production Specialisation & Description
17	Guangzhou Longest Science & Technology	Web: longest.cn Location: Guangzhou, Guangdong Tel: +86 20 6635 3999	Producer of physiotherapy and rehabilitation device parts, electro-stimulator OEM modules and cryotherapy unit assemblies.
18	Shanghai Jumu Medical Equipment	Web: b2bdata.baidu.com Location: Baoshan, Shanghai E-mail: info@jumumedical.com	Manufactures dental chair/unit parts, blood-oxygen saturation meter assemblies and gynaecological diagnostic device components.
19	Maxigen Biotech Inc. (MBI)	Web: mbi-bio.com Location: Taiwan / China OEM facilities E-mail: service@mbi-bio.com	FDA/CE-certified OEM/ODM supplier of collagen-matrix components, hyaluronic-acid injection parts and ophthalmic biomaterial medical parts.
20	Sichuan Zocheng Technology Co., Ltd.	Web: b2bdata.baidu.com Location: Chengdu, Sichuan Tel: +86 28 8500 0000	Manufacturer of micro intravascular infusion-pump parts, muscle-stimulator modules and electronic medical-device assemblies.

COMPLIANCE NOTE

When sourcing medical components or parts from China, it is essential to verify that suppliers hold ISO 13485 (Medical Devices Quality Management System) certification, CE Marking with EU MDR (2017/745) compliance for the European market, or FDA clearance depending on your target market.

CATEGORY 01 · ECONOMY

Economy & Macro · 30 Headlines

- 01.01** **China's July manufacturing PMI stays in expansion territory at 50.1**
China Briefing · 31 Jul 2026 · www.china-briefing.com
- 01.02** **China's July services PMI rises to 51.2**
Trading Economics · 31 Jul 2026 · www.tradingeconomics.com
- 01.03** **World Bank sets China's 2027 growth forecast at 4.3 percent**
CNBC · 29 Jul 2026 · www.cnbc.com
- 01.04** **China's June industrial profits rise 7.2 percent**
Xinhua · 27 Jul 2026 · english.news.cn
- 01.05** **China's first-half industrial profits post 4.1 percent growth**
Xinhua · 27 Jul 2026 · english.news.cn
- 01.06** **China continues to advance on its high-quality development goals**
CGTN · 28 Jul 2026 · news.cgtn.com
- 01.07** **China's consumer confidence sustains its upward trend in July**
Caixin · 31 Jul 2026 · caixinglobal.com
- 01.08** **Digital economy reaches 45 percent of China's GDP in the first half**
China Daily · 30 Jul 2026 · www.chinadaily.com.cn
- 01.09** **China's first-half new-energy consumption rises 35 percent**
China Daily · 30 Jul 2026 · www.chinadaily.com.cn
- 01.10** **World Bank: China's green transition is contributing to the global economy**
CNBC · 29 Jul 2026 · www.cnbc.com
- 01.11** **China's first-half high-tech product exports rise 30 percent**
Xinhua · 27 Jul 2026 · english.news.cn
- 01.12** **Chinese government unveils new policies to encourage AI investment**
Gov.cn · 28 Jul 2026 · english.www.gov.cn
- 01.13** **China's first-half services trade grows 14 percent**
MOFCOM · 29 Jul 2026 · www.mofcom.gov.cn
- 01.14** **New business registrations in China exceed 10 million in the first half**
Xinhua · 28 Jul 2026 · english.news.cn
- 01.15** **China's first-half retail sales rise 4.5 percent**
Stats.gov.cn · 28 Jul 2026 · www.stats.gov.cn
- 01.16** **China's summer grain output reaches 151 million tonnes**
Antara News · 25 Jul 2026 · www.antaranews.com
- 01.17** **China's new energy vehicle sector posts strong first-half growth**
Xinhua · 27 Jul 2026 · english.news.cn
- 01.18** **China's July electricity consumption rises 5.8 percent**
Xinhua · 30 Jul 2026 · english.news.cn
- 01.19** **China's logistics sector sustains growth momentum in the first half**
Xinhua · 28 Jul 2026 · english.news.cn
- 01.20** **China's foreign reserves hold at strong levels**
Xinhua · 29 Jul 2026 · english.news.cn
- 01.21** **Chinese economy progresses along its high-quality development path**
China Economic Net · 28 Jul 2026 · en.ce.cn
- 01.22** **Global institutions optimistic on China's growth outlook**
CGTN · 28 Jul 2026 · news.cgtn.com

01.23 China's income distribution improves in the first halfStats.gov.cn · 28 Jul 2026 · www.stats.gov.cn**01.24 China's economic resilience offers opportunities to global investors**China.org · 28 Jul 2026 · www.china.org.cn**01.25 China's AI-driven exports stay strong despite trade disruptions**CNBC · 29 Jul 2026 · www.cnn.com**01.26 China's first-half investment meets expectations**NBS · 28 Jul 2026 · www.stats.gov.cn**01.27 Consumer prices in China record moderate growth in the first half**Xinhua · 28 Jul 2026 · english.news.cn**01.28 China's industrial sector enters a phase of transformation and upgrading**China Daily · 30 Jul 2026 · www.chinadaily.com.cn**01.29 China's new growth engines gather speed**China Economic Net · 28 Jul 2026 · en.ce.cn**01.30 China stays on track to meet its 2026 growth target**China.org · 29 Jul 2026 · www.china.org.cn**WHAT THIS MEANS FOR EU BUSINESS**

- ▶ China's July PMI readings (50.1 manufacturing, 51.2 services) show demand remains healthy for EU exporters. The 30% rise in high-tech exports opens sourcing opportunities for European technology companies.
- ▶ The World Bank's 4.3% growth forecast for 2027 confirms the stability of China's economic path, providing a long-term confidence framework for EU investors.
- ▶ The digital economy reaching 45% of GDP creates fresh openings for European technology and software firms to integrate with China's digital-transformation ecosystem.
- ▶ More than 10 million new business registrations point to commercial dynamism in China and a broad ecosystem in which EU companies can build partnerships.

CATEGORY 02 · BUSINESS

Business & Corporations · 30 Headlines

- 02.01 Chinese companies expand distributor networks across global markets**
China Briefing · 29 Jul 2026 · www.china-briefing.com
- 02.02 China's AI startups attract international investment**
Pandaily · 28 Jul 2026 · pandaily.com
- 02.03 Chinese tech firms strengthen growth strategies in Asian markets**
Nikkei · 30 Jul 2026 · asia.nikkei.com
- 02.04 China's first-half startup investment hits record levels**
Technode · 29 Jul 2026 · technode.com
- 02.05 BYD widens its distributor network in the European market**
SCMP · 30 Jul 2026 · www.scmp.com
- 02.06 CATL seeks European partners for energy-storage solutions**
Bloomberg · 29 Jul 2026 · www.bloomberg.com
- 02.07 Huawei presses its global ambitions with a next-generation AI chip**
CGTN · 28 Jul 2026 · news.cgtn.com
- 02.08 Alibaba Cloud opens new data centres across Asia-Pacific**
Bloomberg · 29 Jul 2026 · www.bloomberg.com
- 02.09 Tencent scales up its cloud services in global markets**
Nikkei · 30 Jul 2026 · asia.nikkei.com
- 02.10 China's e-commerce giants set records in cross-border sales**
China Daily · 30 Jul 2026 · www.chinadaily.com.cn
- 02.11 China's first-half high-tech exports rise 30 percent**
Xinhua · 27 Jul 2026 · english.news.cn
- 02.12 Foreign-invested R&D centres become a key part of China's innovation system**
Xinhua · 28 Jul 2026 · english.news.cn
- 02.13 Multinationals turn their China operations into innovation hubs**
Xinhua · 28 Jul 2026 · english.news.cn
- 02.14 China's first-half services-sector FDI rises 12 percent**
MOFCOM · 29 Jul 2026 · www.mofcom.gov.cn
- 02.15 "China Opportunity 2.0" encourages foreign direct investment**
CCPIT · 28 Jul 2026 · en.ccpit.org
- 02.16 China's vast market and rapid industrial upgrading draw foreign investors**
CCPIT · 28 Jul 2026 · en.ccpit.org
- 02.17 Chinese firms step up investment in Southeast Asia**
SCMP · 30 Jul 2026 · www.scmp.com
- 02.18 China-ASEAN business forum concludes with new trade agreements**
VietnamPlus · 29 Jul 2026 · en.vietnamplus.vn
- 02.19 China's NEV makers lift profitability in the first half**
Bloomberg · 29 Jul 2026 · www.bloomberg.com
- 02.20 Chinese private companies raise R&D spending to record levels**
China Daily · 29 Jul 2026 · www.chinadaily.com.cn
- 02.21 China's business-environment reforms draw international recognition**
World Bank · 29 Jul 2026 · www.worldbank.org
- 02.22 New business registrations in China exceed 10 million in the first half**
Xinhua · 28 Jul 2026 · english.news.cn

02.23 Chinese companies show resilience across global supply chainsXinhua · 29 Jul 2026 · english.news.cn**02.24 China's first-half manufacturing investment rises 6.5 percent**NBS · 28 Jul 2026 · www.stats.gov.cn**02.25 Biotechnology firms in China accelerate R&D investment**Xinhua · 28 Jul 2026 · english.news.cn**02.26 China's digital-economy sector grows 15 percent in the first half**China Daily · 30 Jul 2026 · www.chinadaily.com.cn**02.27 Chinese companies lead the green-energy transition**CGTN · 28 Jul 2026 · news.cgtn.com**02.28 China's first-half new-energy investment rises 25 percent**NEA · 29 Jul 2026 · www.nea.gov.cn**02.29 China's platform economy gains strength in global competition**China Daily · 30 Jul 2026 · www.chinadaily.com.cn**02.30 Chinese startups continue to attract international funding**Technode · 29 Jul 2026 · technode.com**WHAT THIS MEANS FOR EU BUSINESS**

- ▶ The expansion of distributor networks by Chinese majors such as BYD, CATL and Huawei across Europe creates fresh partnership and distributorship opportunities for EU companies.
- ▶ Over 10 million new business registrations and record startup investment underline the dynamism and potential of the Chinese market for European entrepreneurs and investors.
- ▶ Foreign-invested R&D centres becoming a core part of China's innovation system provides a solid foundation for EU technology firms to establish R&D operations in China.
- ▶ 15% growth in China's digital-economy sector offers new business areas and partnership openings for European software and digital-services companies.

CATEGORY 03 · TECHNOLOGY

Technology & AI · 30 Headlines

- 03.01** **US regulatory delays and data-centre objections tilt AI-infrastructure leadership towards China**
SCMP · 30 Jul 2026 · www.scmp.com
- 03.02** **US lawmakers warn of the lack of a "coherent governance strategy" towards China**
AI Weekly · 30 Jul 2026 · aiweekly.co
- 03.03** **China's AI infrastructure delivers an edge in global competition**
SCMP · 30 Jul 2026 · www.scmp.com
- 03.04** **China's AI hardware ecosystem strengthens on domestic production**
CGTN · 28 Jul 2026 · news.cgtn.com
- 03.05** **5G-A infrastructure keeps expanding across China**
CGTN · 29 Jul 2026 · news.cgtn.com
- 03.06** **AI applications spread through China's industrial production**
CGTN · 28 Jul 2026 · news.cgtn.com
- 03.07** **Chinese scientists deliver breakthrough research in artificial intelligence**
Xinhua · 29 Jul 2026 · english.news.cn
- 03.08** **China's Kimi K3 AI model makes waves in global technology circles**
163.com · 28 Jul 2026 · www.163.com
- 03.09** **China's AI development philosophy and practice resonate worldwide**
People.cn · 28 Jul 2026 · world-app.people.cn
- 03.10** **China continues to provide international public goods in AI**
People.cn · 28 Jul 2026 · world-app.people.cn
- 03.11** **China's first-half integrated-circuit exports surge 88.7 percent**
Xinhua · 27 Jul 2026 · english.nuijiang.cn
- 03.12** **Strong global AI demand lifts China's semiconductor exports**
Xinhua · 27 Jul 2026 · english.nuijiang.cn
- 03.13** **China's AI satellite-imaging technology breaks records**
China Daily · 29 Jul 2026 · ex.chinadaily.com.cn
- 03.14** **China's commercial remote-sensing capability wins international recognition**
China Daily · 29 Jul 2026 · ex.chinadaily.com.cn
- 03.15** **China's "space factory" in Wuxi continues serial satellite production**
Guangming Daily · 28 Jul 2026 · en.gmw.cn
- 03.16** **Wuxi high-tech zone completes its space-industry chain**
China Economic Net · 28 Jul 2026 · english.ce.cn
- 03.17** **China's high-intensity heavy-ion accelerator succeeds in trial operation**
Xinhua · 28 Jul 2026 · www.eqltours.com
- 03.18** **Chinese researchers achieve a new breakthrough in quantum computing**
Xinhua · 29 Jul 2026 · english.news.cn
- 03.19** **China's digital-transformation strategy supports high-quality economic development**
CGTN · 28 Jul 2026 · news.cgtn.com
- 03.20** **Smart-city technologies spread across China**
CGTN · 29 Jul 2026 · news.cgtn.com
- 03.21** **China's AI ecosystem stays open to international collaboration**
CGTN · 28 Jul 2026 · news.cgtn.com
- 03.22** **AI-assisted materials-science research accelerates in China**
CGTN · 29 Jul 2026 · news.cgtn.com

03.23 China's semiconductor sector strengthens on domestic productionCGTN · 28 Jul 2026 · news.cgtn.com**03.24 Smart applications become part of everyday life in China**CGTN · 29 Jul 2026 · news.cgtn.com**03.25 China's digital-twin technologies spread from city management to industry**CGTN · 28 Jul 2026 · news.cgtn.com**03.26 Investment in China's AI infrastructure continues at full pace**CGTN · 29 Jul 2026 · news.cgtn.com**03.27 China's technology ecosystem remains open to global partnerships**CGTN · 28 Jul 2026 · news.cgtn.com**03.28 AI-focused R&D in China breaks new ground**CGTN · 29 Jul 2026 · news.cgtn.com**03.29 China's digital transformation and high-quality development goals gain strength**CGTN · 28 Jul 2026 · news.cgtn.com**03.30 China's sustainable-innovation vision shapes the global future**China.org · 29 Jul 2026 · www.china.org.cn**WHAT THIS MEANS FOR EU BUSINESS**

- ▶ Regulatory delays and data-centre objections in the US are handing China an advantage in global AI infrastructure — creating fresh openings for EU technology firms to integrate with China's AI ecosystem.
- ▶ Strong growth in China's semiconductor sector and 88.7% surge in integrated-circuit exports expand supply-chain options for European electronics companies.
- ▶ China's advances in AI satellite imaging and space technologies open new cooperation areas for EU aerospace companies and research institutions.
- ▶ China's open-innovation ecosystem and readiness for international collaboration make it easier for European technology firms to develop joint projects with Chinese partners.

CATEGORY 04 · POLICY

Policy & Regulation · 30 Headlines

- 04.01 Chinese Foreign Minister Wang Yi meets ASEAN foreign ministers**
Xinhua · 28 Jul 2026 · english.news.cn
- 04.02 China-ASEAN foreign ministers' meeting concludes successfully**
Antara News · 28 Jul 2026 · www.antaranews.com
- 04.03 China and ASEAN agree to strengthen energy cooperation**
Bloomberg HT · 28 Jul 2026 · www.bloomberght.com
- 04.04 China-ASEAN energy cooperation supports regional sustainable development**
Antara News · 28 Jul 2026 · www.antaranews.com
- 04.05 China's Foreign Minister meets a European Parliament Foreign Affairs Committee delegation**
China Mission · 28 Jul 2026 · un.china-mission.gov.cn
- 04.06 China ready to strengthen coordination with Europe on global affairs**
China Mission · 28 Jul 2026 · un.china-mission.gov.cn
- 04.07 China-EU trade and investment dialogue to convene for a second time this autumn**
CCPIT · 28 Jul 2026 · en.ccpit.org
- 04.08 China's new outbound-investment regulation brings clarity for international businesses**
CGTN · 28 Jul 2026 · news.cgtn.com
- 04.09 Chinese government unveils new policies to encourage AI investment**
Gov.cn · 28 Jul 2026 · english.www.gov.cn
- 04.10 China to expand digital entry services for foreign nationals**
China Daily · 29 Jul 2026 · ex.chinadaily.com.cn
- 04.11 China's data-security policies support international cooperation**
China Daily · 28 Jul 2026 · www.chinadaily.com.cn
- 04.12 China's new regulations improve the investment environment**
CGTN · 28 Jul 2026 · news.cgtn.com
- 04.13 China's e-commerce rules to sharpen platform companies' global competitiveness**
China Daily · 29 Jul 2026 · www.chinadaily.com.cn
- 04.14 China's foreign-investment rules provide firm ground for long-term economic cooperation**
CGTN · 28 Jul 2026 · news.cgtn.com
- 04.15 Digital services and online marketplaces develop further in China's platform economy**
China Daily · 29 Jul 2026 · www.chinadaily.com.cn
- 04.16 China to keep supporting mediation efforts by Pakistan and other parties**
Xinhua · 29 Jul 2026 · www.xinhuanet.com
- 04.17 China's Foreign Minister meets his Russian counterpart**
China.org · 29 Jul 2026 · russian.china.org.cn
- 04.18 China and Russia agree to maintain coordination and deepen bilateral ties**
China.org · 29 Jul 2026 · russian.china.org.cn
- 04.19 The China-US comprehensive economic dialogue continues**
CGTN · 29 Jul 2026 · news.cgtn.com
- 04.20 China ready to develop cooperation with the US in AI**
China.com · 29 Jul 2026 · news.china.com.cn
- 04.21 China submits a global cyber-governance position paper to the United Nations**
CCTV Plus · 28 Jul 2026 · www.cctvplus.com

04.22 China's cyber-governance position advocates respect for every country's digital sovereigntyCCTV Plus · 28 Jul 2026 · www.cctvplus.com**04.23 China proposes the principle of "digital sovereignty" in global cyber governance**CNR · 28 Jul 2026 · news.cnr.cn**04.24 China launches an international alliance against cyber and telephone fraud**China Daily · 29 Jul 2026 · ex.chinadaily.com.cn**04.25 More than 40 countries to join the China-led anti-fraud alliance**China Daily · 29 Jul 2026 · ex.chinadaily.com.cn**04.26 China's investment policies align with international standards**China Briefing · 29 Jul 2026 · www.china-briefing.com**04.27 China stays resolute on its green-development goals**Xinhua · 29 Jul 2026 · english.news.cn**04.28 The roadmap for China's 2060 carbon-neutrality target takes shape**Xinhua · 29 Jul 2026 · english.news.cn**04.29 China's new industrial policies support green growth**Xinhua · 29 Jul 2026 · english.news.cn**04.30 China-ASEAN foreign ministers' meeting wraps up in Manila**Bloomberg HT · 28 Jul 2026 · www.bloomberght.com**WHAT THIS MEANS FOR EU BUSINESS**

- ▶ The strengthening of China-ASEAN energy cooperation offers EU energy companies opportunities to work with Chinese partners on regional projects.
- ▶ The China-EU trade and investment dialogue reconvening this autumn opens fresh opportunities for European companies to take an active role in China-EU trade corridors.
- ▶ China's new foreign-investment and AI incentive policies create a more predictable and attractive business environment for EU investors and technology firms.
- ▶ China's leadership in cybersecurity and data policy provides a reference point for European digital-services firms aligning with international standards — including GDPR-compatible cooperation frameworks — when working with China.

CATEGORY 05 · INDUSTRY

Industry & Energy · 30 Headlines

- 05.01** **China launches a nationwide programme to build zero-carbon factories**
Xinhua · 28 Jul 2026 · english.news.cn
- 05.02** **Zero-carbon factory programme marks a concrete step in China's emission-reduction goals**
Xinhua · 28 Jul 2026 · english.news.cn
- 05.03** **China's first-half industrial value added rises 5.4 percent**
China.org · 28 Jul 2026 · www.china.org.cn
- 05.04** **China's industrial sector contributes more than 35 percent of economic growth**
China.org · 28 Jul 2026 · www.china.org.cn
- 05.05** **China's first-half integrated-circuit exports surge 88.7 percent**
Xinhua · 27 Jul 2026 · english.nuijiang.cn
- 05.06** **China's first-half electronic-component exports rise 62.6 percent**
Youth.cn · 28 Jul 2026 · news.youth.cn
- 05.07** **China's first-half wind-turbine exports rise 35.6 percent**
Youth.cn · 28 Jul 2026 · news.youth.cn
- 05.08** **China's "hard tech" exports become the country's new label**
Youth.cn · 28 Jul 2026 · news.youth.cn
- 05.09** **China's new-energy sector posts strong first-half growth**
CN Energy News · 28 Jul 2026 · www.cnenergynews.com
- 05.10** **China's energy-storage sector doubles in the first half**
GGII · 28 Jul 2026 · www.ggii.com
- 05.11** **China's solar-equipment exports stay strong**
PV Magazine · 29 Jul 2026 · pv-magazine.com
- 05.12** **China's clean-energy transition is backed by industrial policy**
Xinhua · 28 Jul 2026 · english.news.cn
- 05.13** **China's first-half battery shipments beat expectations**
GGII · 28 Jul 2026 · www.ggii.com
- 05.14** **China's new energy vehicle sector posts strong first-half growth**
Xinhua · 27 Jul 2026 · english.news.cn
- 05.15** **NEV sales in China set a June record**
CPCA · 28 Jul 2026 · www.cPCA.org.cn
- 05.16** **China's first-half NEV production and sales stay strong**
CPCA · 28 Jul 2026 · www.cPCA.org.cn
- 05.17** **China's "space factory" in Wuxi continues serial satellite production**
Guangming Daily · 28 Jul 2026 · en.gmw.cn
- 05.18** **Wuxi high-tech zone hosts 30 major space enterprises**
China Economic Net · 28 Jul 2026 · english.ce.cn
- 05.19** **China's Xingtai city upgrades its bicycle industry**
Global Times · 28 Jul 2026 · www.globaltimes.cn
- 05.20** **Xingtai, the national bicycle production base, sells its products worldwide**
Global Times · 28 Jul 2026 · www.globaltimes.cn
- 05.21** **China's first-half manufacturing investment rises 6.5 percent**
NBS · 28 Jul 2026 · www.stats.gov.cn
- 05.22** **China's first-half new-energy investment rises 25 percent**
NEA · 29 Jul 2026 · www.nea.gov.cn

- 05.23** **China's high-tech manufacturing grows 9.8 percent in the first half**
Xinhua · 28 Jul 2026 · app.xinhuanet.com
- 05.24** **New business registrations in China exceed 10 million in the first half**
Xinhua · 28 Jul 2026 · english.news.cn
- 05.25** **China's first-half electricity consumption rises 6.2 percent**
Xinhua · 28 Jul 2026 · english.news.cn
- 05.26** **China's logistics sector sustains growth momentum in the first half**
Xinhua · 28 Jul 2026 · english.news.cn
- 05.27** **China's foreign reserves hold strong at 3.25 trillion dollars at end-June**
Xinhua · 28 Jul 2026 · english.news.cn
- 05.28** **China's July electricity consumption rises 5.8 percent**
Xinhua · 30 Jul 2026 · english.news.cn
- 05.29** **China's first-half industrial profits post 4.1 percent growth**
Xinhua · 27 Jul 2026 · english.news.cn
- 05.30** **China's industrial sector enters a phase of transformation and upgrading**
China Daily · 30 Jul 2026 · www.chinadaily.com.cn

WHAT THIS MEANS FOR EU BUSINESS

- ▶ China's zero-carbon factory programme offers EU industrial companies opportunities to cooperate with Chinese partners on green-transition and energy-efficiency technologies — directly relevant to the EU's own decarbonisation agenda.
- ▶ The strong surge in "hard tech" exports (integrated circuits +88.7%, electronic components +62.6%, wind turbines +35.6%) opens new sourcing options in high-technology products for European firms.
- ▶ The doubling of the energy-storage sector opens a strong window for EU energy companies to pursue distributorship and assembly partnerships with Chinese battery manufacturers.
- ▶ Robust NEV sales and production create fresh supply-chain integration opportunities for the European automotive-components industry, including CLEPA-affiliated suppliers.

CATEGORY 06 · MARKET

Market & Finance · 30 Headlines

- 06.01 Chinese equities close the week higher**
Xinhua · 30 Jul 2026 · english.news.cn
- 06.02 Shanghai Composite Index approaches the 3,900-point level**
Xinhua · 30 Jul 2026 · english.news.cn
- 06.03 Strong inflows into China equity funds continue**
Investing.com · 30 Jul 2026 · www.investing.com
- 06.04 PBOC conducts reverse-repo operations to keep market liquidity ample**
PBOC · 29 Jul 2026 · www.pbc.gov.cn
- 06.05 The Chinese yuan holds steady against the dollar**
New Straits Times · 30 Jul 2026 · www.nst.com.my
- 06.06 China's first-half trade volume reaches 3.76 trillion dollars**
China Daily · 29 Jul 2026 · epaper.chinadaily.com.cn
- 06.07 China's first-half trade surplus reaches 576 billion dollars**
Vietnam.vn · 28 Jul 2026 · www.vietnam.vn
- 06.08 China's first-half exports rise 13.4 percent**
China Daily · 29 Jul 2026 · epaper.chinadaily.com.cn
- 06.09 China's first-half imports rise 22.1 percent**
China Daily · 29 Jul 2026 · epaper.chinadaily.com.cn
- 06.10 China's foreign-exchange reserves hold at strong levels**
Xinhua · 29 Jul 2026 · english.news.cn
- 06.11 Foreign direct investment into China stays stable in the first half**
MOFCOM · 29 Jul 2026 · www.mofcom.gov.cn
- 06.12 China's first-half services trade grows 14 percent**
MOFCOM · 29 Jul 2026 · www.mofcom.gov.cn
- 06.13 China's insurance sector grows 11 percent in the first half**
CBIRC · 29 Jul 2026 · www.cbirc.gov.cn
- 06.14 China's first-half new-energy investment rises 25 percent**
NEA · 29 Jul 2026 · www.nea.gov.cn
- 06.15 China's R&D spending intensity reaches 2.8 percent**
ECNS · 29 Jul 2026 · www.ecns.cn
- 06.16 China's basic-research investment approaches 2,800 billion yuan**
ECNS · 29 Jul 2026 · www.ecns.cn
- 06.17 BofA: Chinese equities among the most preferred in emerging markets**
Investing.com · 30 Jul 2026 · www.investing.com
- 06.18 Chinese equities could rally in 2026 on corporate-earnings recovery**
Mirae Asset · 30 Jul 2026 · securities.miraeasset.com
- 06.19 China's technology stocks deliver strong performance in 2026**
Bloomberg · 29 Jul 2026 · www.bloomberg.com
- 06.20 China's STAR Market keeps growing with new listings in 2026**
Shanghai Stock Exchange · 29 Jul 2026 · www.sse.com.cn
- 06.21 China's capital-market reforms lift foreign-investor interest**
CSRC · 29 Jul 2026 · www.csrc.gov.cn
- 06.22 Digital economy reaches 45 percent of China's GDP in the first half**
China Daily · 30 Jul 2026 · www.chinadaily.com.cn

- 06.23** **China's first-half new-energy consumption rises 35 percent**
China Daily · 30 Jul 2026 · www.chinadaily.com.cn
- 06.24** **China's first-half high-tech product exports rise 30 percent**
Xinhua · 27 Jul 2026 · english.news.cn
- 06.25** **Chinese government unveils new policies to encourage AI investment**
Gov.cn · 28 Jul 2026 · english.www.gov.cn
- 06.26** **China's first-half retail sales rise 4.5 percent**
Stats.gov.cn · 28 Jul 2026 · www.stats.gov.cn
- 06.27** **New business registrations in China exceed 10 million in the first half**
Xinhua · 28 Jul 2026 · english.news.cn
- 06.28** **China's first-half industrial profits post 4.1 percent growth**
Xinhua · 27 Jul 2026 · english.news.cn
- 06.29** **China's first-half investment meets expectations**
NBS · 28 Jul 2026 · www.stats.gov.cn
- 06.30** **China's economic resilience offers opportunities to global investors**
China.org · 29 Jul 2026 · www.china.org.cn

WHAT THIS MEANS FOR EU BUSINESS

- ▶ Chinese equities nearing 3,900 points and strong fund inflows are a positive signal for European asset managers weighing exposure to Chinese assets.
- ▶ R&D intensity reaching 2.8% of GDP and basic-research investment approaching 2,800 billion yuan widen cooperation opportunities for EU technology firms inside China's innovation ecosystem.
- ▶ The digital economy at 45% of GDP presents new business areas and partnership opportunities for European digital-services companies in the Chinese market.
- ▶ China's stable exchange rate and strong foreign reserves provide a predictable financial environment for EU companies trading with China — a useful complement to the ongoing ECB-PBOC dialogue on financial-market connectivity.

CATEGORY 07 · INNOVATION

Innovation, R&D, Future Technologies · 30 Headlines

- 07.01** **China's AI infrastructure delivers an edge in global competition**
SCMP · 30 Jul 2026 · www.scmp.com
- 07.02** **US regulatory delays strengthen China's AI leadership**
AI Weekly · 30 Jul 2026 · aiweekly.co
- 07.03** **China's AI hardware ecosystem strengthens on domestic production**
CGTN · 28 Jul 2026 · news.cgtn.com
- 07.04** **Chinese scientists deliver breakthrough research in artificial intelligence**
Xinhua · 29 Jul 2026 · english.news.cn
- 07.05** **China's Kimi K3 AI model makes waves in global technology circles**
163.com · 28 Jul 2026 · www.163.com
- 07.06** **China's AI development philosophy and practice resonate worldwide**
People.cn · 28 Jul 2026 · world-app.people.cn
- 07.07** **China continues to provide international public goods in AI**
People.cn · 28 Jul 2026 · world-app.people.cn
- 07.08** **Chinese researchers achieve a new breakthrough in quantum computing**
Xinhua · 29 Jul 2026 · english.news.cn
- 07.09** **China's high-intensity heavy-ion accelerator succeeds in trial operation**
Xinhua · 28 Jul 2026 · www.eqltours.com
- 07.10** **China's "space factory" in Wuxi continues serial satellite production**
Guangming Daily · 28 Jul 2026 · en.gmw.cn
- 07.11** **China's AI satellite-imaging technology breaks records**
China Daily · 29 Jul 2026 · ex.chinadaily.com.cn
- 07.12** **China's commercial remote-sensing capability wins international recognition**
China Daily · 29 Jul 2026 · ex.chinadaily.com.cn
- 07.13** **China's Gravity-1 rocket launches new satellites from the sea**
China.org · 28 Jul 2026 · www.china.org.cn
- 07.14** **China's first-half integrated-circuit exports surge 88.7 percent**
Xinhua · 27 Jul 2026 · english.nuijiang.cn
- 07.15** **China's semiconductor sector strengthens on domestic production**
CGTN · 28 Jul 2026 · news.cgtn.com
- 07.16** **AI-assisted materials-science research accelerates in China**
CGTN · 29 Jul 2026 · news.cgtn.com
- 07.17** **Smart-city technologies spread across China**
CGTN · 29 Jul 2026 · news.cgtn.com
- 07.18** **China's digital-twin technologies spread from city management to industry**
CGTN · 28 Jul 2026 · news.cgtn.com
- 07.19** **Investment in China's AI infrastructure continues at full pace**
CGTN · 29 Jul 2026 · news.cgtn.com
- 07.20** **China's technology ecosystem remains open to global partnerships**
CGTN · 28 Jul 2026 · news.cgtn.com
- 07.21** **AI-focused R&D in China breaks new ground**
CGTN · 29 Jul 2026 · news.cgtn.com
- 07.22** **China's digital-transformation strategy supports high-quality economic development**
CGTN · 28 Jul 2026 · news.cgtn.com

07.23 China's sustainable-innovation vision shapes the global futureChina.org · 29 Jul 2026 · www.china.org.cn**07.24 China's R&D spending intensity reaches 2.8 percent**ECNS · 29 Jul 2026 · www.ecns.cn**07.25 China's basic-research investment approaches 2,800 billion yuan**ECNS · 29 Jul 2026 · www.ecns.cn**07.26 Chinese private companies raise R&D spending to record levels**China Daily · 29 Jul 2026 · www.chinadaily.com.cn**07.27 Foreign-invested R&D centres become a key part of China's innovation system**Xinhua · 28 Jul 2026 · english.news.cn**07.28 Multinationals turn their China operations into innovation hubs**Xinhua · 28 Jul 2026 · english.news.cn**07.29 China's new industrial policies support green growth**Xinhua · 29 Jul 2026 · english.news.cn**07.30 China continues to advance on its high-quality development goals**CGTN · 28 Jul 2026 · news.cgtn.com**WHAT THIS MEANS FOR EU BUSINESS**

- ▶ Regulatory delays in the US handing China an AI-infrastructure edge open new integration opportunities for European technology companies with China's AI ecosystem.
- ▶ Strong growth in China's semiconductor sector and integrated-circuit exports expands supply-chain options for EU electronics firms.
- ▶ Rising R&D spending and basic-research investment in China create joint-project and technology-transfer opportunities for European R&D organisations — complementing Horizon Europe-style collaboration channels.
- ▶ China's open-innovation ecosystem and readiness for international collaboration make it easier for EU startups and researchers to build projects with Chinese partners.

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