

Your
China
Strategy.

China's robotics rise: Strategic insights for global competitiveness

Who
we
are.

„Sinolytics is the leading strategy consultancy on China. We offer European and US companies in-depth analysis, customized strategies and recommendations for well-founded decisions. We bring together market and policy analysis.“

✓ Strategy Consulting

✓ Policy Monitoring

✓ Executive Briefings

✓ Regulatory Risk Assessment

✓ Research & Data Insights

GEOPOLITICS

- US-EU-CN relations
- Supply chain risks
- Sanctions, export controls, trade barriers
- Chinese competition abroad

TECHNOLOGY

- Artificial Intelligence
- Semiconductors
- Smart manufacturing
- Batteries
- ICT

CHINA STRATEGY

- Chinese politics
- Industrial & technology policy
- Chinese competition
- Business environment & economic growth

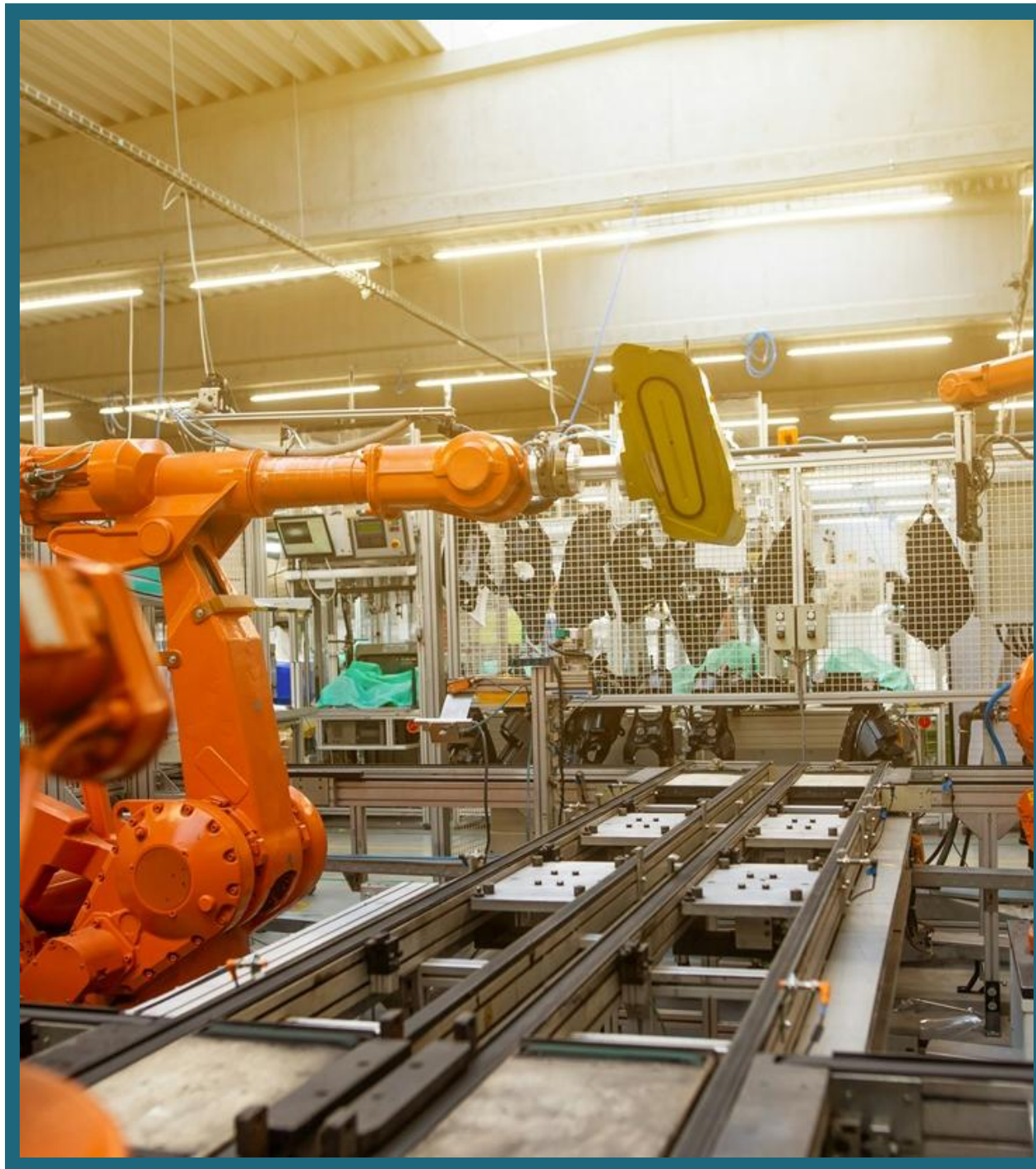
CHINA BUSINESS

- Partnerships, M&A
- Product strategies
- Digital ecosystem
- R&D, IP
- Local-HQ relations

REGULATORY STRATEGY

- Data governance
- Cross-border data transfers
- Cyber regulation
- Social credit system
- Environment

Robotics in China: Fast growth, high stakes



China is rapidly emerging as a global robotics powerhouse. Backed by strong industrial policy, rising domestic capabilities, and a growing ecosystem of suppliers and integrators, robotics is becoming a central pillar of China's economic strategy. For multinational companies, this shift presents both opportunities and risks.

- **Smart Manufacturing Transformation:** China's push for automation is reshaping global supply chains.
- **Competitive Pressure:** Chinese robotics firms are moving up the value chain—competing not just on cost, but on innovation.
- **Regulatory and Policy Dynamics:** Beijing's industrial policy is accelerating robotics adoption across sectors.
- **Tech Collaboration and IP Strategy:** As joint ventures and R&D partnerships increase, companies must assess where collaboration is strategic—and where it may expose core technologies.

Three clients. Three urgent questions.

A

“We need help navigating China’s fragmented lab automation landscape—there’s innovation everywhere, but no clear map.”

— Global pharma company

B

“China’s humanoid robotics boom is real—but we don’t know where our solutions fit in the value chain.”

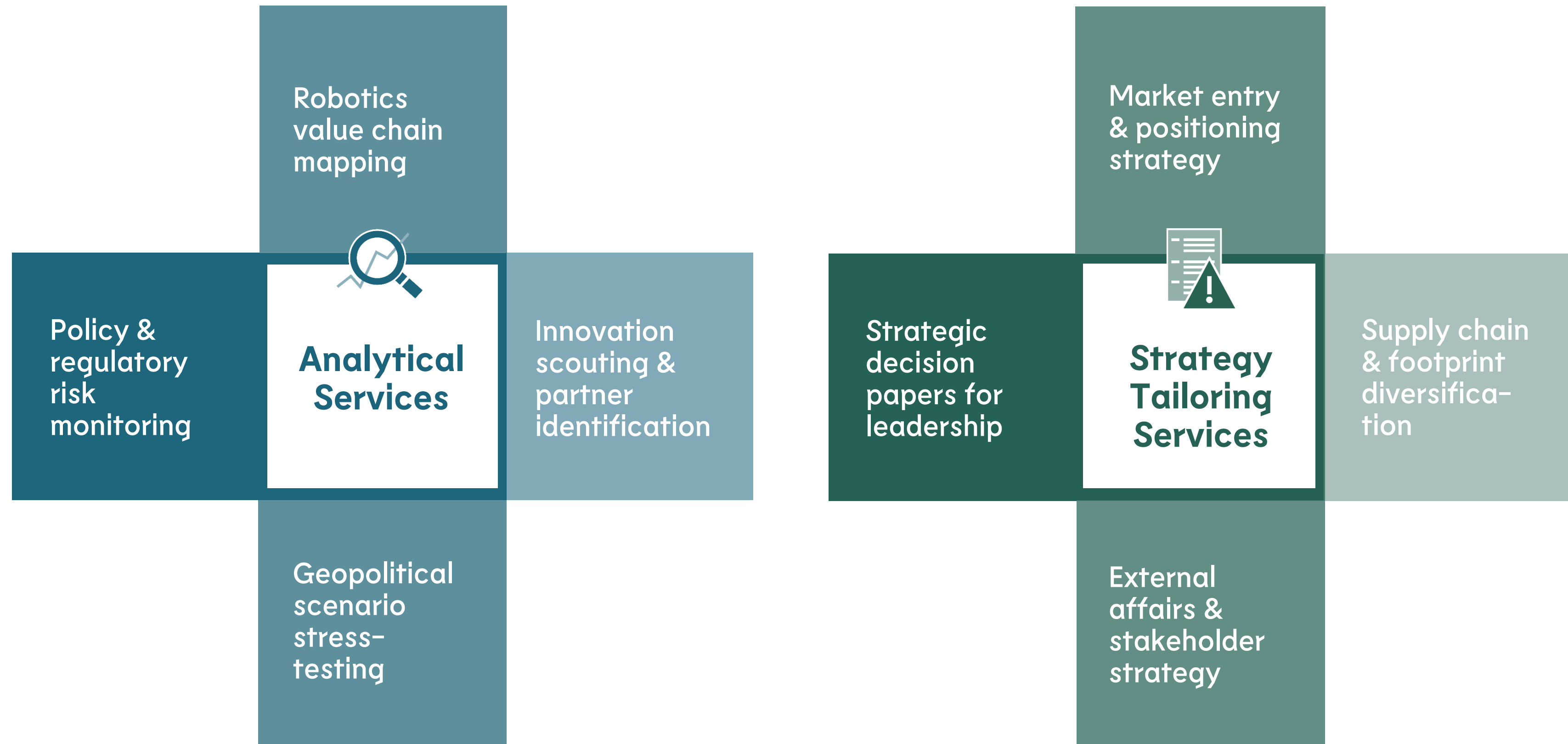
— Industrial supplier

C

“Our China-heavy footprint faces rising geopolitical risks. We need a strategy that’s resilient and globally credible.”

— Robotics firm

From insight to impact: Robotics strategy built for complexity



Case 1: Scouting smart lab automation for a global pharma leader

A

“We need help navigating China’s fragmented lab automation landscape—there’s innovation everywhere, but no clear map.”

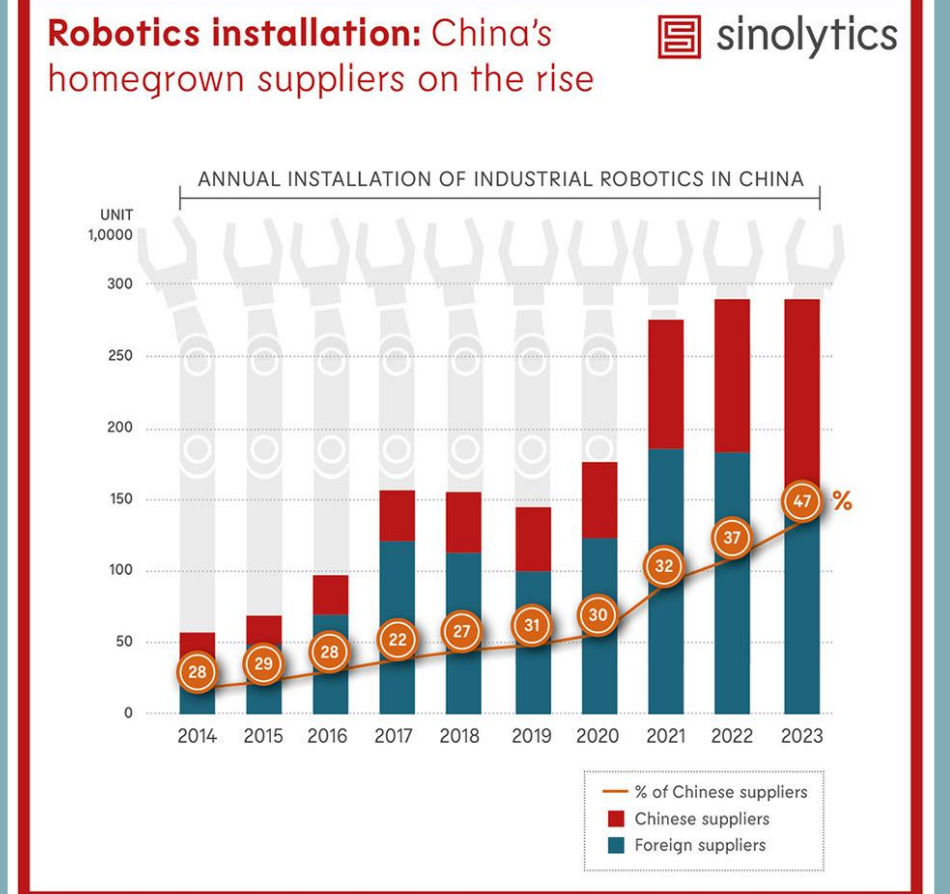
— Global pharma company

Approach:

- Conducted a deep dive into China’s lab automation ecosystem.
- Mapped regional clusters, university-led innovation, and startup niches.
- Evaluated over 30 players.

Solution:

- Delivered a scouting report and innovation map, Identified high-potential partners.
- Highlighted commercialization-ready technologies.



Case 2: Mapping China's humanoid robotics value chains for an industrial supplier

B

“China's humanoid robotics boom is real—but we don't know where our solutions fit in the value chain.”

— Industrial supplier

Approach:

- Analyzed China's humanoid robotics boom.
- Tracked upstream component demand, midstream assembly, downstream applications.
- Identified key players & growth segments.

Solution:

- Pinpointed high-demand areas for solutions.
- Highlighted strategic entry points in manufacturing and service robot deployment.
- Client is pursuing targeted partnerships in priority regions.



Case 3: Building a geopolitically resilient strategy for a robotics innovator



“Our China-heavy footprint faces rising geopolitical risks. We need a strategy that’s resilient and globally credible.”

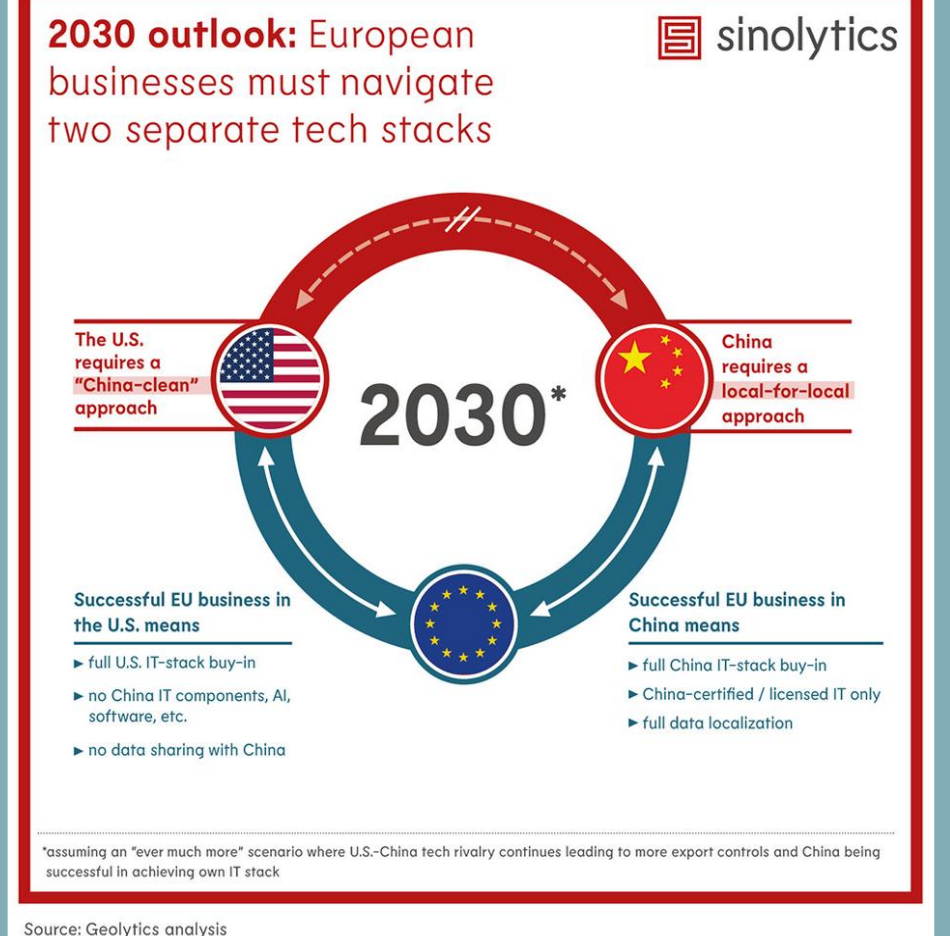
— Robotics firm

Approach:

- Ran a geopolitical scenario stress test across four plausible futures.
- Assessed risks to market access, supply chains, IP flows, and brand credibility.
- Built a GeoRisk radar and alert system.

Solution:

- Helped the client define a dual-track operating model.
- Diversified supply chains.
- Crafted a strategic positioning paper for board-level decisions.
- Client uses radar system to adapt their strategy.



Let's find solutions.



Got curious?

Contact us for more information.

Jingwen Tong

Director

jingwen.tong@sinolytics.de

