MADE IN CHINA 2025

In 2015, the Chinese government presented Made in China 2025, one of its main development policies which aims to make the country a "manufacturing superpower" within the next few decades. It is part of the Chinese Communist Party’s goal of modernizing China and turning it into a fully developed nation by 2049, the 100th anniversary of the founding of the People’s Republic.

2015
THE WORLD’S FACTORY

In 2015, China was already a manufacturing powerhouse, with the manufacturing sector contributing over 40% to China’s economic growth and around 90% to its total exports. However, the country started to grapple with issues such as lack of innovation, weakness in core technologies, excessive energy consumption and severe pollution. Even though the quality of its products had improved in previous years, they still lagged behind counterparts from Japan and Germany.

INDUSTRIAL AUTOMATION

Robots in the Industry per 10,000 workers:
- 684 World
- 401 Denmark
- 353 Sweden
- 253 Germany
- 251 South Korea
- 49 China

EXAMPLE STEPS FOR REACHING THE TARGETS MADE IN CHINA 2025

- Innovation: Invention patents per CN¥100 mln total revenue
- Quality: Growth of industrial added value (%)
- Digitalization of Industry: Use of numerical control machines in key production processes (penetration %)

CLEAN ENERGY PRODUCTION

- Decrease in CO2 emission intensity % compared to 2015
- Return of solid industrial waste % of total waste

KEY POLICY TOOLS MADE IN CHINA 2025

- Swapping technology for market access
- Restricted access for foreign entities
- Bumping up foreign companies and their technical expertise

2025
SMART FACTORY OF THE WORLD

The Made in China 2025 plan sets out to use subsidies and protection mechanisms to create Chinese world leaders in the ten selected industries. China’s government is also urging the country’s companies to buy up innovative foreign firms and their patented technologies, to create a shockwave that can move the manufacturing value chain quicker.

KEY TARGETS MADE IN CHINA 2025

- World’s leading manufacturer
- Telecom communication
- Railway
- Electrical power equipment

OTHER MAIN TARGETS

- Operating costs, production cycles and product defect rates %
- Basic components and materials
- Domestically produced, %
- Innovation centers
- Electrical vehicle production
- Domestically produced, 100,000 cars