

The background of the slide is a detailed technical drawing of a mechanical assembly, possibly a motor or a complex machine component. It features various gears, shafts, and structural elements, rendered in a light blue and grey color scheme. The drawing is a top-down or side-view perspective, showing the intricate details of the machinery.

MADE IN CHINA 中国制造

2025

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China's State Council has unveiled a ten-year national plan, Made in China 2025, designed to transform China from a manufacturing giant into a world manufacturing power.

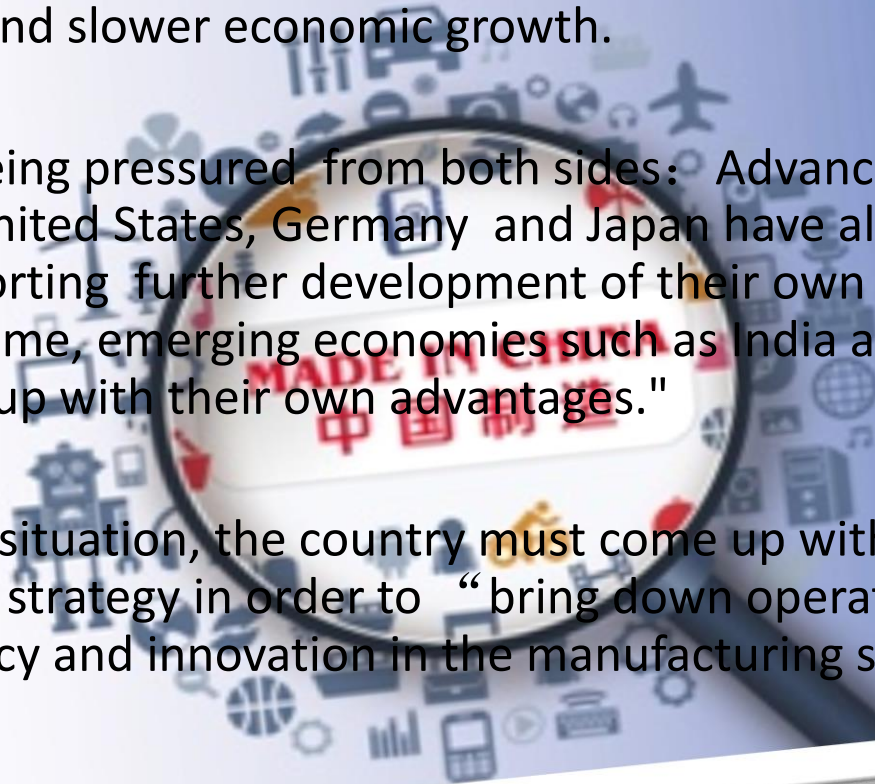


The plan endorsed by Premier Li Keqiang, is the country's first action plan focusing on promoting manufacturing . due to Chinese manufacturing accounts for about 20 percent of the world's total, but it is far from strong .

• Background



- "Made in China 2025" emerged as Chinese factories still struggle with decreasing demand, increasing competition from international competitors and slower economic growth.
- China is being pressured from both sides: Advanced economies such as the United States, Germany and Japan have all formulated policies supporting further development of their own manufacturing. At the same time, emerging economies such as India and Brazil are also catching up with their own advantages."
- In such a situation, the country must come up with a “Made in China 2025” strategy in order to “bring down operating costs and boost efficiency and innovation in the manufacturing sector” .

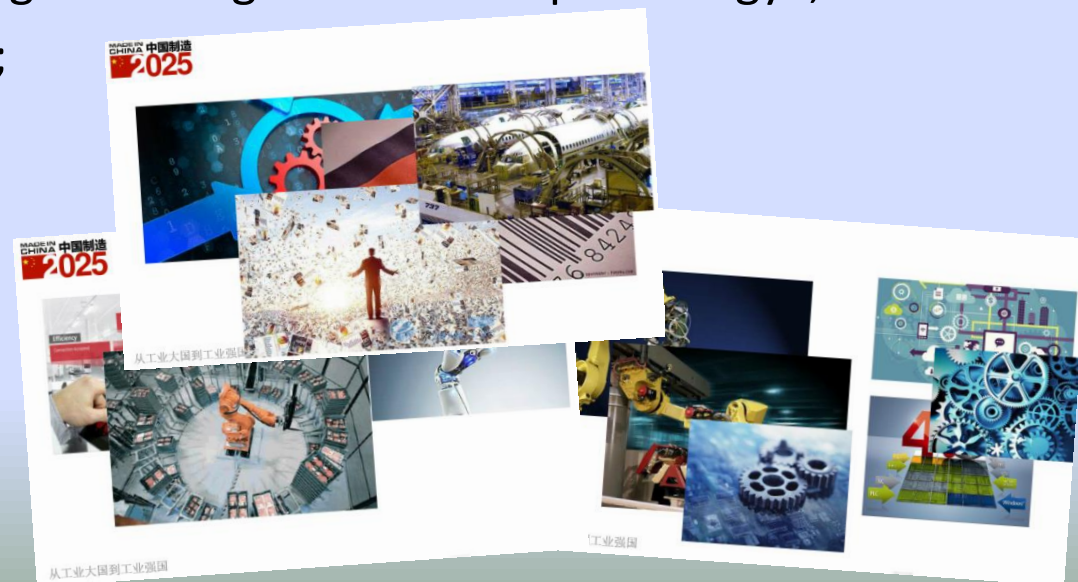


The main contents of the plan:



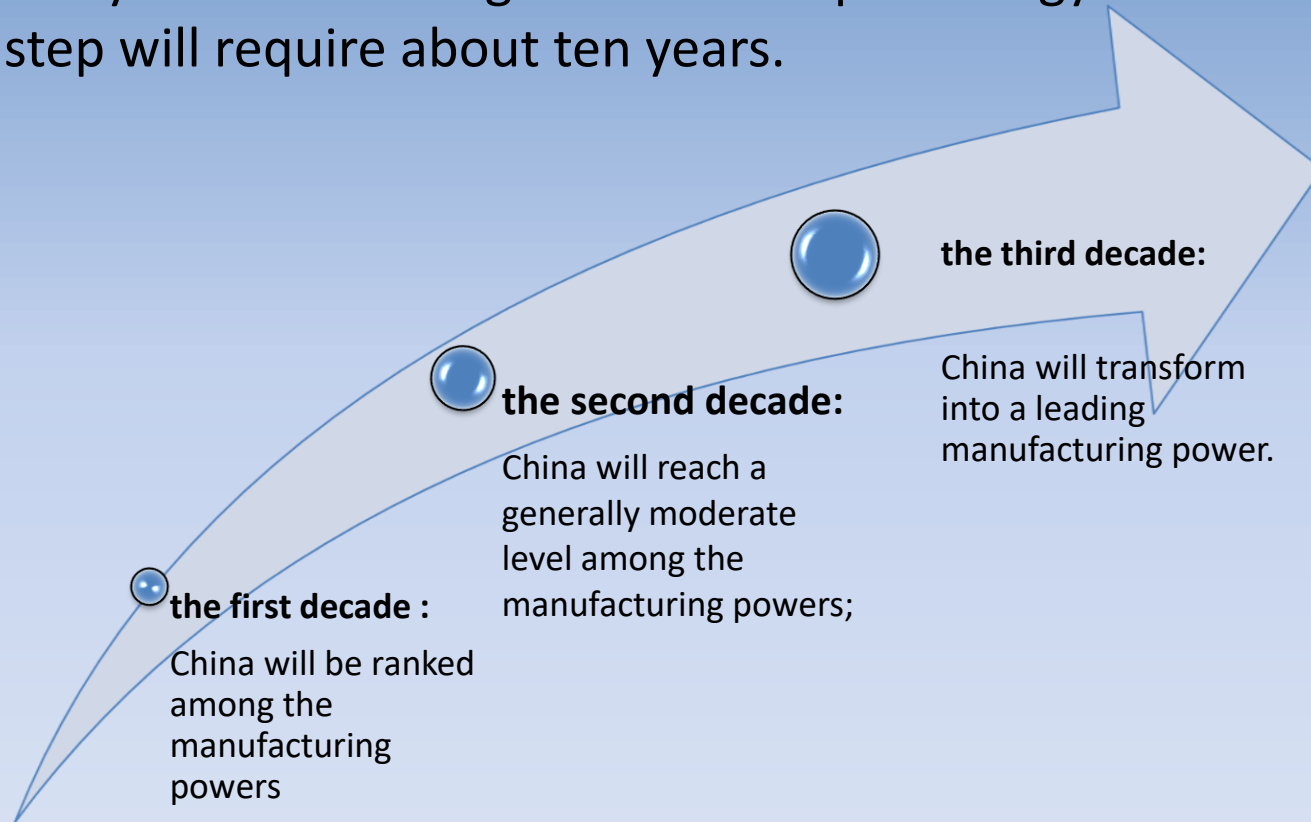
The Ministry of Industry and Information Technology summarized the main contents of the plan with "One Two Three Four Five Nine Ten".

- "One" means a target: China will develop to a manufacturing power;
- "Two" means integrating information technology and industry to achieve the goal;
- "Three" means achieving the goal through a "three step" strategy";
- "Four" means four principles;
- "Five" means five guidelines;
- "Nine" means nine tasks ;
- "Ten" means 10 key sectors.





To transform China into a leading manufacturing power by the year 2049 through a "three step" strategy and each step will require about ten years.



The four principles:



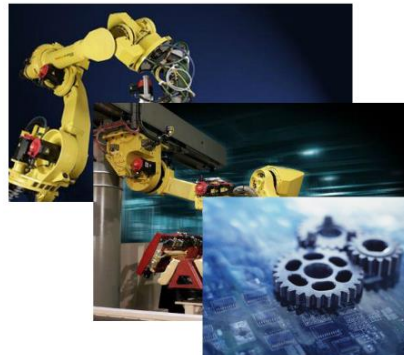
1、 market-oriented and government-guided;

2、 based on the present and having a long-term perspective;

The four principles:

3、 comprehensively pressing forward and making breakthroughs in key areas

4、 independent development and win-win cooperation.



The five guidelines:



1、
innovation-
driven;

2、
giving
priority to
quality;

3、
green
development;

4、
optimizing
structure;

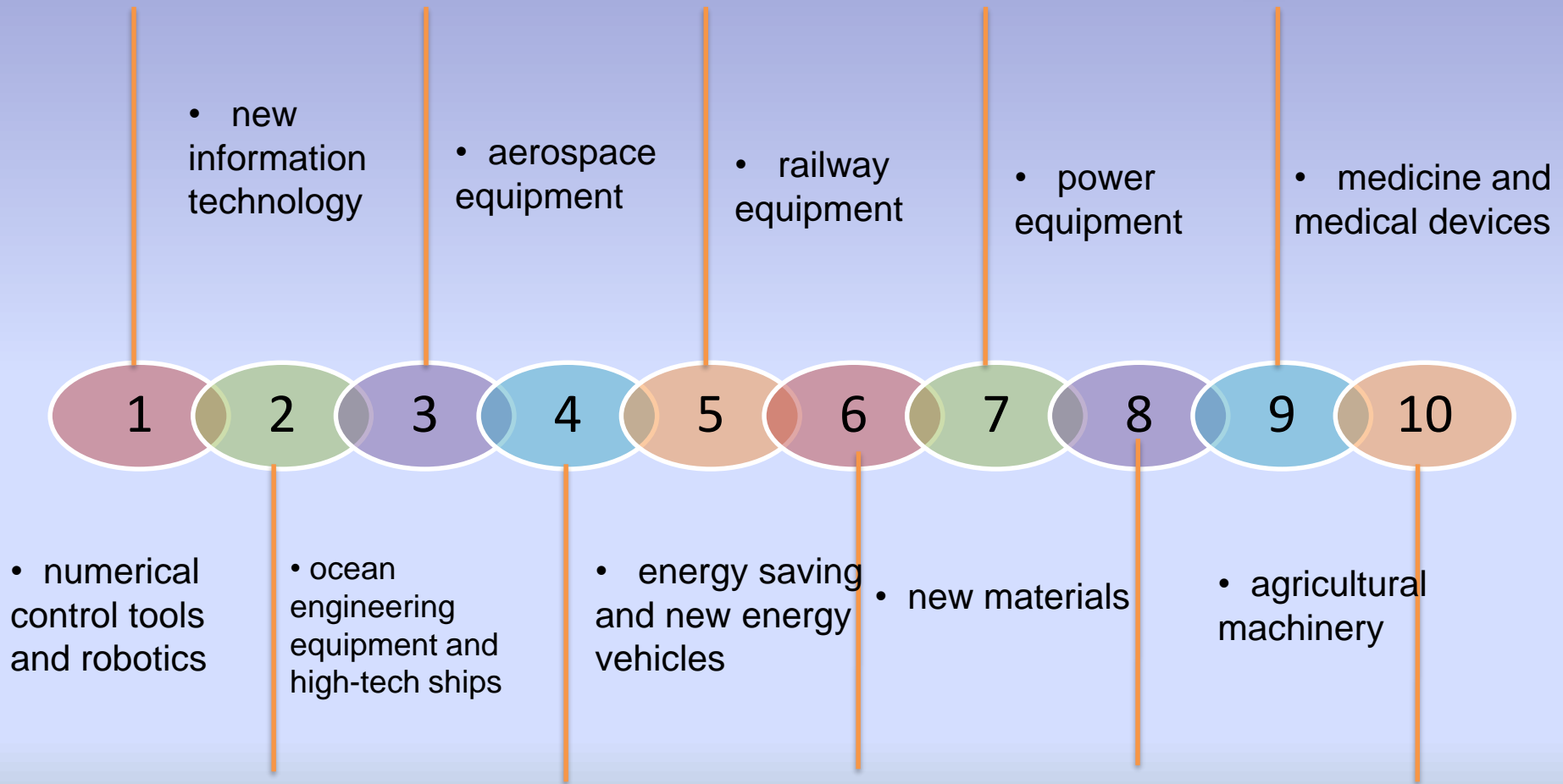
5、
talent
oriented 。



The nine tasks :



The ten key sectors:



Made in CHINA 2025

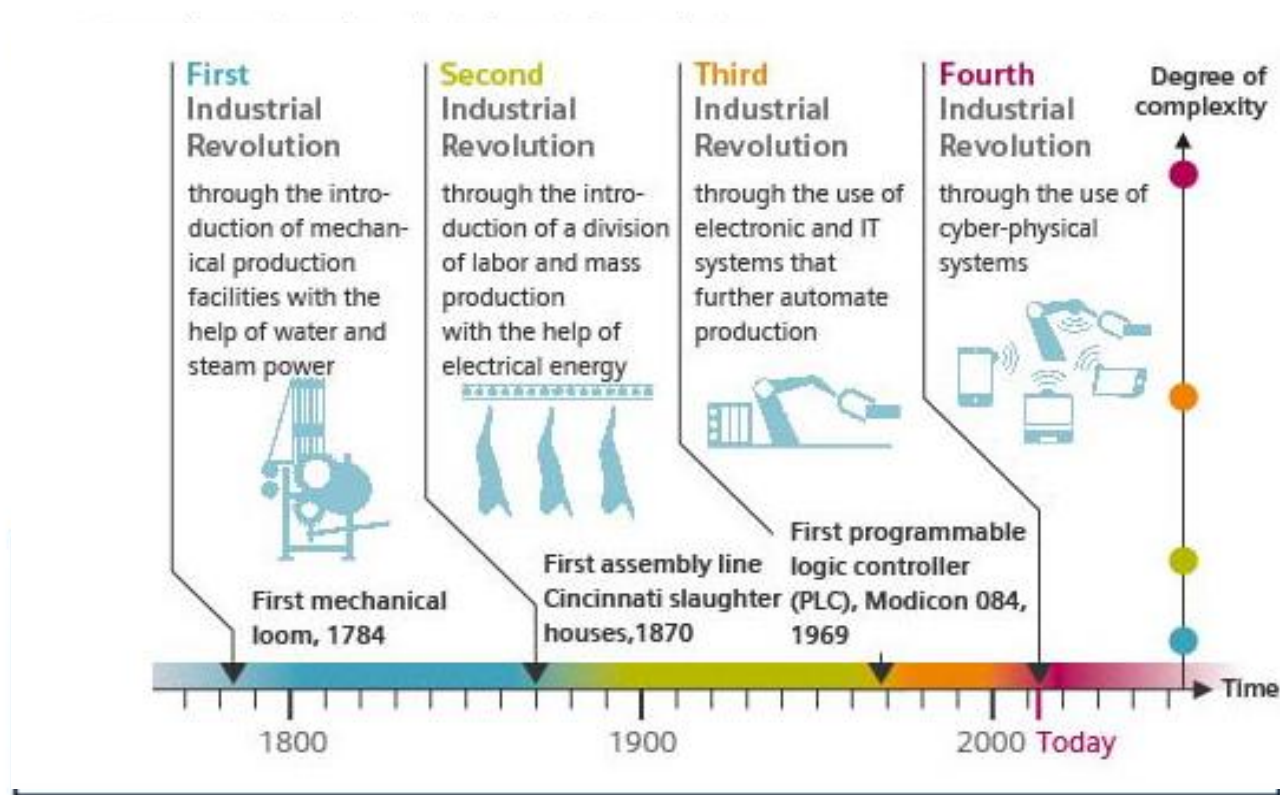
- To fulfill the tasks, "Made in China 2025" will focus on five major projects, including establishing a manufacturing innovation center and boosting intelligent manufacturing.
- Of all the projects included in the "Made in China 2025" plan, intelligent manufacturing is crucial. Intelligent manufacturing is based on internet of things, cloud computing, and big data. These technologies will be involved in every aspect of the manufacturing process, to realise machine optimised decisions.





The internet will become the powering engine for intelligent manufacturing, and the idea coincides with Germany's Industry 4.0

Industry 4.0 – The next industrial revolution



Compared with industry 4.0



- "Made in China 2025 and Germany raised ideology Industry 4.0 are largely similar. It's a combination of internet and advanced technology. It will push up a new round of manufacturing development.



- But we still have big difference among regions and sectors in China in terms of technology. We still have to catch up on industry 2.0 and industry 3.0 before we reach the stage of 4.0. But the binding of internet and manufacturing is a good opportunity to speed up our development.



Compared with industry 4.0



industry 4.0

Industry 4.0 :
focuses on the
development of fully-
automated "smart"
factories. These
factories would make
products fully
customizable.

Made in China 2025

Made in China 2025:
span the whole
manufacturing
industry, applying
advanced ideas not
only from Germany,
but also from the
U.S. and Britain,
among others.

summary



- according to the plan ,by 2025 China will basically realize industrialization nearly equal to the manufacturing abilities of Germany and Japan at their early stages of industrialization. “
- Made In China 2025" represents anything but reckless State intervention. Instead it stands as yet another clearly thought-out government initiative that should enable Chinese industry to move to a more modern culture of high quality, high investment and a brand-oriented business environment.



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