

Analyzing the industrial division from the three times industrial revolution and its enlightenment to our country

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Abstract

From the British industrial revolution to the 21st century, the world has been a history of more than 200 years of industrialization. China's industrialization has gone through 100 years of history if it is from the westernization movement, China as a backward country of industrialization, it can draw lessons from the experience of developed countries. This article mainly analyzes the industrial revolution from the industrial division of labor and its enlightenment to china.

Key words: three times industrial revolution; Industrial division of labor; China; Revelation;

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From Britain, the United States and emerging industrialized countries (regions) of historical experience, it is concluded that countries have a different path of industrialization between the past and now, and will meet different problems in practice. This diversity makes it hard for industrialization theory characteristic of a particular country. More importantly, a country is in different stages of economic development, there are also different roads to industrialization, different development experience, different negative issues of industrialization, we need to solve questions from facts and national conditions. we can only reference and don't copy from the road to industrialization of western developed countries in hundreds of years ago ,and the industrialization of emerging industrialized countries decades ago was perhaps more accord with our country. we can learn more of such as Japan, the four Asian tigers . In the process of learning and using for reference, we also take its essence, give up its worst berth. Below we summed up the following from the western developed countries and emerging industrialized countries (regions), reminding us the problems should be noticed in the construction of new industrialization.

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1, attaches great importance to the international industrial division of labor to avoid leading industry isomorphism

China has distinct characteristics of industrialization that the capital of industrialization required is derived from the deprivation of rural. The government put the iron and steel, smelting and other heavy industry as the leading industry of our country in order to catch up with Britain and the United States, Five plan period, China has established the system of socialist industrialization and then execute on agriculture, light industry, etc. as the center of the industrial structure adjustment.85 to mid - 90 s mechanical equipment manufacturing industry is the leading industry. In the late 90 s to the last century, new and high technology industries was be put forward as the leading industry of us. Then at the beginning of this century, it was believed that we should be based on cultivating manufacturing power consciousness, and take a new road to industrialization in the original industry. So the leading industry is a dynamic that always changing and developing, and to a large extent influenced by international market and domestic. For a country, it is important to reasonable use of the advantage of the division of the international market, considering the status that the dominant industry in international position, have development potential or not, and occupy the international market. For the region, reasonable division of labor can also improve the regional competitiveness. Germany's leading industry choice, giving impetus to the development of the machine manufacturing industry. So under the trend of fusion that the economic globalization, international and domestic market mutual integration, China should pay attention to the following points when selecting the dominant industry. (1) the leading industry selection must be comprehensive with factors at home and abroad, accurately grasp the international economic situation ; (2) the leading industry selection should be on the basis of whether it has a demonstration effect. and the premise is it can drive the other related industry's development , also with the goal that it can promote the non-governmental organizations and private investment enthusiastically; (3) Learn from German's experience of industrialization .no matter the dominant industry is light industry or heavy industry, achieve the coordinated development, and promote each other. (4) Develop our own advantage industry, avoid competition with powerful industry countries, and benefit from the international and domestic industry division of labor, not follow and imitate, but take the initiative to promote the development of economic.

2, Attach great importance to the regional industry division of labor to avoid industrial isomorphism in China

China's industrialization from overall is in the middle of industrialization, and in common with Germany is that both industrialized launched by the government. The direct result is that the development is not balanced among regional, urban and rural areas, between urban and rural. In city, the eastern is in the late industrialization, its industry mainly depends on the private economy and FDI, most of the eastern region government departments consider investment promotion and capital introduction as a cadre's record, so it causes the introduction of the eastern region, and do not take the difference between the introduction, the industrial structure convergence is very serious. In the west, the main body of industry is large and medium-sized state-owned backbone enterprise, and the related industry can also be difficult to be introduced because of some factors on enterprise cost, and industrialization in some places has not yet started. In rural areas, the east rural use advanced agricultural tools and irrigation technology, western farming tools are still people, ploughs, hoes. Despite government has put forward the strategy that develop the western region and the revitalization of the northeast old industrial base, the effect is not obvious, such as industrial division between regions is not exert its advantages, it is difficult to form the posture that heavy industry guides the development of light industry in German, let alone light industry is a necessary complement to the development of heavy industry. So China should begin with the following aspects: (1)

The central government have a general assessment of the national industrial structure how much the proportion of heavy industry and light industry, is there any association between the two and what association, the regional industry distribution is reasonable or not, so that it formulate the policy of industrial structure; (2) The local government have to do a good job in regional industrial structure evaluation to find the unharmonious in industry , release and report the region's industrial structure policy in time in order to have a rationalization development of industrial structure; (3), Give location choice of investment projects of enterprises a certain degree of intervention, achieve the degree of coordination and the unity of the economic and social benefits. (4) Arouse folk organizations and individuals to participate in the industrial structure policy. In the evolution of industrial structure, market, government, civil organizations and individuals is the fundamental motivation, we cannot ignore the important role of non-governmental organizations and individuals.

3, Attach great importance to the industrial convergence to perfect the economy mechanism of market

In today's world, the trend of economic globalization developing rapidly, enterprise merger, acquisition, reorganization and industry convergence often happen. We might as well learn American's experience, contributing to a domestic industry mergers and acquisitions to expand enterprise fusion and improve efficiency. On the one hand, we establish and cultivate the market intermediary organizations actively and steadily for enterprise merger and acquisition. In foreign countries, especially the merger between private companies is basically invested by banks and accounting firms and other social intermediary organizations. These agencies provide information, consultation of enterprise mergers, checking accounts, evaluation of enterprise value, merger and acquisition plan making for both sides, etc. According to foreign experience, China should actively establish and cultivate intermediary organizations that engaged in enterprise merger and acquisition, the development of advantage enterprise and strengthening of disadvantage should be in relation to the market by reorganization, through the intermediary role, to make the property rights, to achieve the optimal combination of stock assets, the potential of the state-owned assets will be fully released. At present, on the one hand, China should regulate the transaction institution established around the property right and guide them gradually become the effective social intermediary organizations for the flow of state-owned assets and restructuring. At the same time, vigorously develop investment Banks to adapt to the needs of the development of enterprise merger and acquisition. On the other hand, avoid the risk from the industrial policy of enterprise mergers. when make decisions, enterprise merger should focus on restructuring object whether in line with the national industrial policy, in line with the industrial structure adjustment, the future of development prospects, and the participate potential in market competition after restructuring. Cross-industries should be as far as possible with the direction of our current industrial policy and industrial structure adjustment; In the same industry mergers and acquisitions, mergers and acquisitions companies should evaluate whether the industry in the national industrial policy be supported, industry competition is intense; it should evaluate whether their own technology can transform traditional industries successfully, achieve technical counterpart support. Finally set up and improve the acquisition system of laws and regulations. Enterprise's interests in the merger process need to be ensured by laws and regulations. mergers and acquisition of assets evaluation, delivery and resettlement was consolidated enterprise employees, the legal responsibility of enterprise merger and acquisition in clear specification and the defined by laws and regulations can avoid to look best on both sides. The government should formulate and perfect the 《enterprise mergers and acquisitions act》 , the 《anti-trust act》 , etc, in order to ensure that enterprise merger is in the orbit of legal system. Five merger and practice from the United States, on the one hand, the U.S. justice department enact a merger guidelines every some years to measure what kind of merger can be used for approval. Formulate the 《anti-trust act》; on the other hand, some improper behavior of mergers and

acquisitions, as well as the unreasonable monopoly of hamper competition regulation are prohibited. We must absorb the merger enterprise experience of America, must use the legislation to guide and control the enterprise merger and acquisition, and achieve effective configuration resources.

4, Pay attention to undertake international industrial transfer in order to promote national economic development

Industry shifts in the global scope is a great opportunity for China as a developing country, but this challenge also hard to ignore. To this end, China need at least make the following adjustments. First of all, overcome the development bottleneck is the premise to continue to undertake international industrial transfer. China needs to implement effective economic and social structure change in order to expand domestic demand, real reverse the pattern that dependent on exports and investment, reduce the dependence on European and American markets and maintain the development of the system of regional division of labor cooperation that benefit to industrial transfer; Second, the energy stability and sustainable development is the guarantee of China to continue to undertake international industrial transfer. Need to make effective energy strategy and environmental strategy, keep stable energy supply and environment constantly optimized, prevent the transfer of environmental problems; Again, accelerating technological innovation, institutional change and talent training is the driving force of carry on undertaking international industry transfer in China. Since East Asian financial crisis, technology innovation, system reform and talent cultivation has been incorporated into the agenda of the east Asian countries (regions), which is the key to create miracle in east Asia. In the 21st century, with this round of international industry shift wave arrival, there is no doubt that will add to the urgency and importance to the problem². Finally, China is a populous country, the safety of the food security is the most important factors, the development of China in the future should be on the premise of the development of agriculture, countryside and farmers, and improve the production tools, change the organization form of agricultural production, improve labor productivity and the income of farmers in order not to be disciplined by others under the trend of economic globalization. That will be our common hope to be Chinese if we can successful undertake international industry, the development momentum of domestic strategic industry become strong and immense.

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