



The Future Developing Mentality Explore on Following Substitution Industries in Resource-Exhausted Cities at Old Industrial bases in Northeast

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Abstract

Resource-exhausted cities is the region in the serious job-seeking situation at old industrial bases in northeast at present, its following substitution industries issues has some features being differ from general cities. This article discuss how to promote the city with resource exhaustion to follow substitution industries from the angle of future developing mentality, propose the theoretical principle, policy basis and the existing problems with its resolving suggests in this developing mentality.

Keywords: Resource-exhausted city, Following substitute industry, Employment

As a world common topic, the transformation and development for resource-exhausted city is a major concern. Facing difficult position to our resource-exhausted cities, the Party Central Committee offered a strategic decision supporting continuing industrial development for these cities and brought about an unprecedented opportunity for sustainable development.

Keep government leads, market operating, mine city integrating and the policy of adjusting measures to local conditions; exert more efforts on industrial restructuring; speed up reform and openness; enhance ecology environment protection and management; complete infrastructures; do well comprehensive improvement in ore field and develop new type following industry. Put policies and measures into practice; set up compensation mechanism of resource development and the aid system of the declining industry; promote economic restructure and sustainable development for resources city. Do good job of industrial restructuring after coal natural resources dried up and job placement.

1. Manufacturing Industry

Manufacturing industry at old industrial bases in northeast present its macro-scale feature, while it is light type at some provinces in south. To enhance the quality competitiveness for the entire manufacturing in Liaoning province, it needs to exploit more products with high value-added, develop industry with light type and being competitive. It should promote new type manufacturing industry developing. The top three manufacturing with quite competence in turn are: communication equipment industry& IT with other electricity; universal equipment; instrumentation and civilization & official machinery industry. Communication equipment industry and IT with other electricity being the most competitive is the certain outcome and coming trend of scientific and technological development. The traditional manufacturing ever been relied on formerly in Liaoning has turned into non-mainstream industry as the times development, while old industrial bases especially resources cities are all in the progress of upgrading industries in recent years, has obtained a certain result lately.

1.1 Speed up the development of advanced equipment manufacturing industry

It is primary mission to revitalize old industrial bases that take a new road to industrialization by using information to drive industrialize, strive to develop equipment manufacturing industry to drive optimizing upgrade for raw materials. Substantially increase the proportion of equipment manufacturing industry on industrial added value, pull off leapfrog development for equipment manufacturing industry, use "Chinese equip" to sustain "manufactured in China". Give full play to superiority of preferably base and rich technical force, take the time while world manufacturing accelerating shift and our boosting major equip to localization, speed up development of major equipment industry and supporting industry. Keep the combination of comprehensive propelling and break through them on emphases, exert development to base equip, complete equipment and transportation facilities.

1.2 Speed up the development of high degree of finish raw material industry base

Give full play to superiority in further of raw material industrial base in resource city at old industrial bases in northeast, give great impetus to petrifaction, metallurgy and building materials etc to develop to intensification, hi-end, serialization and intensive processing, improve technical equipment level, products quality level and economic benefit. Realize the transform from traditional petrifaction industry base at old industrial bases to high degree of finish petrochemical industry base as early as possible, big push artifice integration, extend industry chain by building ethane and aromatic hydrocarbon, develop composite material, basic organic chemical raw material and fine chemical products. Build the project of 12 million tons oil refining and 1 million tons ethane at Petrifaction Company at Fushun branch, get Fushun city to be a major petrifaction base in north. Build the project of 800 thousands tons PAT for LIAOHUA Branch Company, get Liaoyang city to be a major aromatic hydrocarbon and chemical fiber material base nationwide.

1.3 lay emphasis on light industry development and labor intensive industry

Actively develop the consumer merchandise such as textile, clothing, foodstuff, papermaking, home appliances, daily necessities, medicine and arts& crafts etc, form the pattern of harmonious development of investment and consummation by carrying out projects of biomass energy and biomaterial, constructing national level agricultural intensive processing base by course of agricultural science of park in Fuxin city. Quicken to foster construction market, improve equipment level, skill level and management level for construction unit entirely, and strengthen construction quality& production supervision, improve construction market order and promote construction development in healthy way.

2. Service Industry

To develop service, it should expand scale; adjust structure, average up and from network. Prioritize modern service industries such as logistics, insurance, information, travel, conferences and exhibitions, real estate and intermediary services etc, to become a major force to pull economic growth and increase fiscal revenue. Keep on developing and optimizing traditional services such as trade and catering, transportation, communication and community service etc, play to the strength of driving employment. Increase the investment in base installation to community by taking the advantages of relative high urbanization; strive to develop community service by combining government supporting and market operating. Exploit and integrate tourism resource in whole province, enhance base installation in touring and supporting facility to construct designation strip tourism projects with influence and competitiveness at home and abroad, hence to foster tourism to be an important industry in vigor.

2.1 Strive to develop producer service

Foster and develop transportation & logistics. Carry on centre city exposure by embracing competitive industries developing requirement, do well to science layout of logistics detail relying on railway, highway and port condition, mark out construction of logistics base, build logistic information platform and expand logistics enterprise and its scope. Develop modern commodities trading market such as rice, river crab, aquatic product, fruit vegetables and flowers etc to develop into a distributing centre with unique feature keeping a foothold in northeast and covering whole country. Promote financial service sector. Establish and complete modern credit system, construct financial environmental well, develop and expand guarantee organization with subjective private capital and all classes of financial institutions such as bank, insurance company, trust investment agency, finance lease company and financial corporation etc, enhance guarantee system to set up financial service system in favor of boosting small and middle industries. Enhance construction for public network, build e-commerce & government affairs network being integrity, unify and advanced to improve applying quality level for information within society. Actively develop commercial services such as information, plan, investment management, law, accounting, auditing, assessment and consulting etc.

2.2 Strive to develop tourism services

Develop and expand tourism. Integrate top 5 tourism systems of tourism resource, constructing wetland area, eco-agriculture, oil field industry, history & culture with city construction etc, carry forward comprehensive development for future ecotourism city, make coast and reed sea relaxation base, play a role of international wet land touring festival, improve city influence, build PANJIN city as international wet land relaxation and ecotourism site. Reform and promote trade circulation industry. Speed up trade layout adjustment, set up city commerce system being reasonably structured, perfect function and high gathering, and strive to develop modern circulating and organizing pattern for chain business, franchise and logistics. Strive to develop culture creative industry and enhance culture soft power. Norm and promote living services of catering, entertainment, real estate and community service etc, improve service quality and level substantially.

2.3 Strive to develop community service

Build community service system energetically being wide range trench, high employment capacity and complete function of convenience. Enhance planning and construing to community service facility and network, build “digital

community" by applying IT. Boost industrialization operating for community. Broaden service domain by developing health care & retirement, public service, cultural & sports entertainment and cleaning & security etc, do well demonstrating projects of retiring and community service. Complete 1000 standardizing community service plots and 150 thousands service network sides by 2010.

3. High and New Technology Industry

Prioritize electronic information, bioengineering & pharmaceutical-tech and new material industry, boost high technology to production projects including numerical control system and whole set technologies device, high light emitting diode LED epitaxial slice system etc 100 key projects, establish the advantages for both integration and unique of high technology industry. Fully come into play to high and new tech area in ANSHAN city and set up the base in here with high tech researching, incubating and industrialization to foster and bring up the cradle for entrepreneur. Keep using information to drive industrializing development and extensive use high tech and advanced appropriate technology to promote traditional industry. Exert more effects to investment on major products by key industry and backbone business with embracing quality improvement, adding variety, and falling low consumption, substituting for imports and safety production, plan and prepare a major capital construction and tech renovation project which can drive local economy and industrial development. Enhance infrastructure construction for information, actively push forward information step for applying IT to all walks of life and in every field.

3.1 Main construction on high and innovative tech base, strive to develop high and innovative industry with unique feature

For software industry, prioritize internet applications facing national economy and society information, support software relative to network setting up with safety and embedded software matched digital facility. Open up international market facing global by taking Japan, Korea as a point of penetration, form international pattern step by step. E.g. the software industry at Anshan.

3.2 Speed up industry chain construction, foster innovative and high technology industrial cluster

For modern traditional Chinese medicine industrial chain, it needs to play the advantages of medicinal material in Fuxin city, boost the cultivate dimensions construction of ginseng, north schisandra chine sis product, Manchurian etc. Carry out projects such as refining from standard substance, co-compound Muji series and cultivating medicinal plant cell of snow lotus etc. For magnesium industrial chain, exploit high tech products such as magnesium oxide nanometer material, intelligence magnesium fire-proof material and synthetic mica etc.

3.3 Strengthen capacity building for engineered and industrialization

For steel industrial automation centre, focus on researches of a set of control system for blast furnace, converter, continuous casting, hot rolling etc formed within smelting and development for software modularity, commercialization. For function polymer centre, focus on researches of mature, suitable, advanced whole set tech and equipment for polymer modification, also provide them to business by relying on Liaoyang petrochemical corporation academy, thus develop new polymer with all the functions, achieve the purpose of upgrading for products.

3.4 persist in keeping information working in province by taking equipment manufacturing industry as a point of penetration

Hold an opportunity of "manufacturing industry with information project" provincial town in national level, speed up to promote information working and improve core competence by taking information in manufacturing as a point of penetration for work in Liaoning province, embracing the top major industries of electronic information, automobile, petrifaction, steel, equip manufacturing, transportation, light manufacturing, textile, building materials and trade etc at old industrial bases in north. Meanwhile, strengthen information construction on logistics of storage and transportation, commerce and trade, also of capital flow business such as bank, insurance company etc. Work up e-commerce among businesses based on public service network, give full play to e-commerce influence on rising trading efficiency, cost down and improving competitiveness etc, explore combinative model of both traditional industry and e-commerce, develop e-commerce experimental unit and trial project in petrifaction, steel and currency field.

3.5 Boost networking progress on both urban area and rural side actively

View Anshan city as a keynote, make great efforts to construct information mutual platform in public service, push community information progress vigorously and set up base frame for digital city in Liaoning province by setting target of improving entirely functions in city and service standard. Strive for the target of net play with 1 million peasants in 5 years and make network to be a major tool for industrial restructuring and becoming prosperous by boosting net engineering construction for millions of presents. Carry out on line popularization of science, on line education, distance leaning and medical treatment and boost information for science and technology, education and medicine domain vigorously.

3.6 Focus on information construction for social security

Establish specific network for social security with unified covering old industrial bases, implement the information operating on endowment insurance, unemployment insurance, medical insurance, injury insurance, maternity insurance and labor employment, social relief, social welfare, preferential placement etc, offer convenient, efficient service for resident, enterprise and public institution, perform duty with high grade in high efficiency manner by government.

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