

Research on Tongling Logistics Industry under the Background of Resource-based City Transformation

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Abstract

As an important node city in the development strategies of "Yangtze River Economic Belt" and "Wanjiang City Belt", Tongling City has unique transportation and geographical resources. This paper conducts an in-depth investigation on Tongling logistics industry and deeply analyzes the advantages and disadvantages of the development of Tongling logistics industry, puts forward the development countermeasures of Tongling logistics industry that can be integrated into the national important strategy, which provides a reliable basis for the innovation and development of Tongling logistics industry.

Keywords

Tongling City; Logistics Industry; Yangtze River Economic Belt.

1. Introduction

Tongling is a city dominated by medium and low-end Resource-based heavy industry. In 2009, Tongling was listed as a resource-exhausted city, showing a slight lack of development power. The logistics industry is a complex service industry integrating transportation, warehousing, freight forwarding, information and other industries, and is a basic and strategic industry to support the development of the national economy[1-2]. Confronted with the objective requirements of developing excellent industries and promoting transformation, Tongling will actively accelerate the development of modern logistics service industry as an important starting point to promote industrial transformation and upgrading and optimize the industrial structure[3-4]. In this context, the in-depth study of Tongling logistics industry is particularly urgent.

2. Development Status of Tongling Logistics Industry

Tongling is an important node city of the Yangtze River Economic Belt and a central city in the central south of Anhui Province. The development of Tongling logistics industry is in the middle position in Wanjiang area, and the infrastructure, logistics enterprises, organization mode and information construction of Tongling logistics industry have achieved great development under the support of policies.

(1) Infrastructure has been continuously improved. Tongling city has built a number of logistics node facilities such as Wan Zhongnan Logistics Park, Hongyue Logistics Park, Shuntong Logistics Park, Tianyuan International Port Storage, Tongguan Logistics Center, Huade Logistics Center, etc. At present, in terms of comprehensive transportation network, Tongling has gradually formed an external channel with the Yangtze River Channel, Tongjiu Railway, Ningdong Railway and other coordinated channels, and an internal channel with Binjiang Road, S320 and other main trunk lines. Tongling city rail transportation network has better copper wire, copper nine lines, ning an inter-city, east, beijing-fuzhou passenger with lu, copper rail access under construction, in addition with TongGuan logistics company within the territory of special railway line, north ring railway co., LTD railway private sidings, guodian railway private

sidings, such as multiple railway private sidings, mainly production enterprise cohesion, industrial park; The waterway transportation network of Tongling has basically formed a II waterway network connecting the trunk and branch with the main stream of the Yangtze River as the backbone and the Shunan River and Qingtong River as the foundation. The waterway network can be navigated by 5,000-ton sea vessels year-round and 10,000-ton sea vessels seasonally, among which the Shunan River, Qingtong River and Huanghu River are all 6-class waterways. The throughput scale of Tongling's port is at the middle and upper level in the region.

(2) Logistics enterprises. In 2018, Tongling registered a total of 800 logistics enterprises (not including Zongyang County), covering road, railway, waterway, pipeline and various modes of transportation, logistics distribution, freight forwarding and other related industries. At present, there are 13 enterprises in Tongling Logistics that have obtained China's national A-level recognition, including 5 4A-level enterprises, including Tongguan Logistics Co., Ltd., Tongling Tongda Intermodal Transportation Co., Ltd. There are 8 3A-level enterprises. The leading enterprises rely on its strong capital, market, facilities advantages, and continue to play its integration, leading, leading role in the logistics market, such as Tongguan Logistics Company, which has more than 300 sets of road equipment (sets), but control and organization of social vehicles more than 400; Its own shipping capacity is 200,000 tons/year, and it controls and organizes 9.8 million tons/year.

(3) Organizational mode. In the process of improving the equipment level of the logistics industry, the logistics transportation organization mode of Tongling City is also in continuous innovation. Relying on the port advantage of waterway transportation, Tongling has carried out new operation modes such as dump transportation and multimodal transportation, which greatly improves the operation efficiency of logistics. For example, Tongguan Logistics Company carries out the transportation operation on the basis of the existing dedicated line. In addition, some large manufacturing enterprises, according to the characteristics of their raw materials and finished products, carry out various forms of multimodal transport such as water and rail combined transport, pipeline and waterway combined transport. For example, Tongling Nonferrous Metals Group realizes the seamless connection between raw materials and finished products in the port and factory area by constructing belt corridors and special railway lines.

(4) Information construction. The information construction of Tongling Logistics has developed rapidly, forming an information system with the government-led public information platform as the main body and the enterprise self-built platform as the supplement. For example, Tongling Logistics Public Information Service Platform, led by Tongling Logistics Office, not only provides logistics supply and demand parties with the function of inquiry and release of logistics resource information such as vehicle source, goods source, ship, storage, equipment lease, but also provides enterprises with bidding, investment promotion, policy consultation and other industry services. For another example, in order to promote the development of water transportation logistics and give play to the port advantage of Tongling, Tongling unimpeded logistics company has led the construction of Tongling China water transportation market network. The platform to build more display platform, user participation, multi-functional service platform for the comprehensive water as the goal, to provide ship owners and cargo owners, supply, ship trading, wharf, such as information release and query, at the same time provide the ship real-time positioning function, realize visualization management of transportation, as well as reduce water transportation industry of transportation risk and capital risk.

3. Development Strategy of Tongling Logistics Industry

(1) Tongling City should strengthen the comprehensive transportation network, including the construction of east-west river channels, further improve the carrying capacity of external logistics channels, and optimize the spatial layout of internal logistics channels. Tongling city should be scientific planning and high standard construction of a number of logistics parks, to promote the integration of logistics resources and logistics elements of Tongling city, enhance the radiation of the logistics park driving ability. Promote the integration of port and station, promote multimodal transport, and realize the seamless connection between Tongling Railway Freight Station and port. Tongling should strengthen the construction of logistics infrastructure such as warehouse and yard, improve the level of logistics facilities and equipment, and improve the convenience and work efficiency of goods reloading. Tongling should optimize the planning and construction of the urban distribution center according to the distribution of nodes, and form a convenient and efficient storage and distribution network with balanced supply and demand in urban communities and key villages and towns.

(2) Tongling City should upgrade the logistics organization form, and form a logistics market structure with key enterprises as the core, small and medium-sized enterprise alliance as the main body, and scattered small and micro transportation enterprises as the supplement by strengthening the cultivation of logistics main body, so as to continuously increase the share of advanced logistics business forms and give play to the role of supply chain integrators. Under the initiative of "One Belt And One Road", Tongling actively utilizes the advantages of opening up to the outside world, introduces comprehensive logistics enterprises to settle in Tongling, and rapidly improves the internationalization and modernization level of modern logistics in Tongling. Tongling City should speed up the policy support for logistics enterprises in land use, credit and other aspects, encourage logistics enterprises to incubate new logistics organization forms through merger and reorganization, alliance and so on, and form a batch of large modern logistics enterprise groups with advanced technology level, outstanding main business and strong core competitiveness. Improve the good situation of integration, network level and coordinated development of logistics service through scale management. Tongling City should encourage the small and medium-sized logistics enterprises, park enterprises, to join the alliance of supply chain management platform (the fourth party logistics enterprises). Tongling city should develop various preferential systems to encourage logistics enterprises to enter the logistics park, so as to produce the logistics agglomeration effect. Tongling should encourage logistics enterprises and manufacturing enterprises to deepen strategic cooperation, establish a manufacturing logistics service system suitable for the development of new industrialization, and form a batch of supply chain service providers with global purchasing and global distribution capabilities.

(3) Tongling City should actively promote the construction of logistics informatization, strengthen the application of industrial Internet, big data, cloud computing and other advanced information technologies in the field of logistics, so as to make the logistics industry "digitalized, automated, intelligent, visual and intensive". On the basis of the existing public logistics information platform of Tongling City, the platform can be interconnected with the relevant information system of Tongling Government, industry-related information system and relevant professional information platform, and the information resources of railway, highway, waterway, post office, customs, inspection and quarantine and so on can be integrated. Encourage Tongguan Logistics Company and other leading logistics enterprises, attract platform enterprises to build logistics information service platforms for small and medium-sized logistics enterprises, promote the efficient matching of goods, vehicles and logistics services and other information, and effectively reduce the empty rate of trucks.

(4) Tongling City should improve the logistics service capacity, make up for its strengths, provide an integrated supply chain logistics system for key industries, and give full play to the function of industrial logistics service to upgrade the industrial structure and optimize the layout of Tongling City. Tongling City should make up for the shortcomings of e-commerce logistics and cold chain logistics, scientific planning of e-commerce logistics infrastructure layout, strengthen the construction of logistics distribution center, express terminal network; Promote the integration of logistics warehouse distribution and other efficient logistics operation mode; We will accelerate the expansion of express delivery channels, extend the logistics service network to rural areas, and carry out cooperation in various forms, such as product experience and terminal distribution integration. Tongling should speed up the information construction of cold chain logistics facilities, and build the whole-process quality monitoring and traceability system of the industrial chain. Promote the fast customs clearance and linkage mechanism of bonded logistics between Tongling City and the Yangtze River Delta region, provide convenience for the international cargo transfer and export trade processing and other businesses of enterprises in Tongling City and the surrounding region, gradually form a bonded logistics system including entreport trade, and improve the radiation service capacity of Tongling City port.

4. Conclusion

This paper studies the Tongling logistics industry under the background of transformation from infrastructure, logistics main body and organization model. It is found that the logistics industry in Tongling has good traffic resources and occupies an important position in the regional logistics channel network. The municipal government also attaches great importance to the development of logistics. In the future, the logistics industry in Tongling can make new contributions to the urban industrial upgrading and structural optimization by relying on its geographical advantages and resource factors.

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References

- [1] Cui L X , Sun H M . Exploration of Changzhou Logistics Cluster Area Development on the Perspective of Industry and City's Integration. Value Engineering, 2020.
- [2] Li H. Analysis on Problems and Countermeasures in Safety Management of Logistics Warehouse. Value Engineering, 2020.
- [3] Hu X , Hu H , Su X . Research on the building of urban logistics public information platform in Tongling city of China. IEEE, 2012.
- [4] Wang Z L, Logistics D O . Study on Dispatching System for Container Port: A Case of Tongling (Mid-South Area of Anhui Province, China). 201.