

Executive Summary

A Study on Measures to Develop Port Regions Leading the Global Age of Ocean

1. Purposes

Economic development and advancement of industrial structure create high added values in the port logistics functions. Advanced national economy stretches function of city, which accelerates conflicts between ports and cities. Such issues are addressed as the importance of the marine industry has been highlighted. The study aims to suggest the measures to improve the port and neighboring regions that fulfill the demands of creating high added-value port spaces.

It aims to address intensifying conflicts between ports and cities. It is conducted to suggest stepwise policy improvement and long-term action plans; which include institutional improvement within the current laws and regulations, enactment and utilization of new laws and regulations and visions and action plans for the development of the port areas.

2. Methodologies and Features

1) Methodologies

Features	Major contents	Data collection	Reasons for selection
Basic analysis	<ul style="list-style-type: none"> - Review on the function of port and city and the global ocean era - Review of domestic and overseas related laws and regulations 	<ul style="list-style-type: none"> - Related literature - Field study 	<ul style="list-style-type: none"> - Details of related laws and regulations are not included in the study
Overseas case study	<ul style="list-style-type: none"> - Key model countries selected (Japan, Australia, Germany, etc.) 	<ul style="list-style-type: none"> - On-site study - Interview about 	<ul style="list-style-type: none"> - Through the interview with the related officers, the historical context of the port and surrounding areas

Features	Major contents	Data collection	Reasons for selection
	- Review of the modeling possibility from the perspective of port and surrounding area development	development history and operational limitations	development is studied beyond a perspective of a simple re-development and the result is reflected on the research.
Expert consultation	<ul style="list-style-type: none"> - Necessity of new laws and regulations enactment and new laws and regulations (draft) - The possibility of introducing designation institutions including district for the development of port areas - Review of similar cases 	- Expert consultation	<ul style="list-style-type: none"> - It is necessary to consult legal experts to review the articles for the enactment of new laws and regulations - Industry experts are required to review similar cases including urban and environmental development.

2) Features

The study analyzes limitation in space integration between port-oriented re-development projects and urban planning and the necessity of future-oriented port and surroundings development through legal standards and overseas cases. Based on the analysis, it presents the measures to improve related institutions and new, integrated development plans.

The existing researches have limitations that they are based on the idea that it is important to integrate port planning and urban planning and therefore they ought to be in harmonious development. The study differentiates itself from other researches as it suggests specific ideas of institutional development for comprehensive policy implementations and specific draft laws and regulations for enactment.

3. Results

1) Summary

To develop a port advancement model through the review on the advanced overseas cases (Japan, Australia and Germany).

- Legal foundation for policy execution: integrated development through enactment of new laws and regulations

- Policy execution body: policy execution through establishment of an individual middle-level execution body (public corporation, public organization and public-private joint organization)

- Implementation methods: zoning and district designation and development for stepwise and effective development, role assignment by business area among government, municipalities, private and public corporation and the establishment of the third sector, etc.

- Decision-making: centralized (Australia), decentralized (Japan and Germany) decision-making: establishment of the decision-making system fitting each characteristics

- Space structure design: designation and development of the whole land area by function after land reclamation and improvement of landscape from port to city

 - Port area advancement vision and execution strategy

- Vision: the creative port space where logistics, people and economy comes all together to create future added value.

- Vision implementation standards initiative

 - ① Future-orientation and leadership

 - ② Pursuit of integration and efficiency

 - ③ Pursuit of harmony and balance

- Macro-action plans

 - ① Space function re-arrangement of ports and surrounding areas

 - ② Connectivity optimization of ports and surrounding areas

 - ③ Comprehensive environmental improvement (human and material-based environmental improvement)

 - ④ Landscaping improvement from the perspective of port (improvement direction: port→city)

 - ⑤ Construction of waterfront space and facilities (conceptual expansion of urban living)

⑥ Securement of leisure space (increasing tourism and leisure added values in the advanced port and surrounding areas)

○ To suggest policy execution alternatives to advance port areas

-Enactment and enforcement of new laws and regulations (new laws and regulations (draft), enforcement ordinance and the full text of enforcement regulations attached to the report)

- Revision of existing laws and regulations: enactment of port re-development execution guidance, introduction of the total cost settlement regulations, etc.

- Establishment of mid- and long-term basic plan for port development (draft)

- Establishment of conflict adjustment body for the advancement of the port area

-Establishment of a fund and special accounts for effective financing or enactment of the financial support system (the specific ratio of the total cost supported by the government, municipalities, etc. shall be clearly stipulated in the laws and regulations)

- To designate development districts and establish stepwise development system

2) Policy contribution

It presents new paradigm for the development of ports and surrounding area including port re-development and makes a policy contribution to establishment of integrated policy execution direction.

3) Expected benefits

It will establish a foundation for the policy execution that can promote integrated development of ports and surrounding areas and to develop a high added value port structure. It will also address conflicts among ports and cities and enhance brand values of port and cities (long-term ripple effects to national economy and local economy). It will present a vision to establish a global leading marine and port city. It can establish the policies to create new added values at port areas.