

A Study on the Regeneration of the Building Stock in the City Centre of Regional Cities

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Keywords Building Stock, Renovation, Urban Regeneration, City Centre, Historic Building

Technical Support Skills

- Survey of the current status of existing buildings (including historic buildings) and measures for their preservation and utilization.
- Survey and plan of the urban development related to renovation.



Research Contents

1. Regeneration of Postwar Building Stock

This research focuses on postwar reinforced concrete (RC) buildings, particularly those developed under the Fireproof Building Belt and Disaster Prevention Building Block programs, which remain widely distributed throughout Japan. The study aims to establish a framework for their regeneration, encompassing adaptive reuse, renovation, reconstruction, demolition, and post-demolition land use. Through nationwide case studies, field surveys, and interviews with stakeholders, the research analyzes architectural interventions, regulatory frameworks, project schemes, and consensus-building processes.

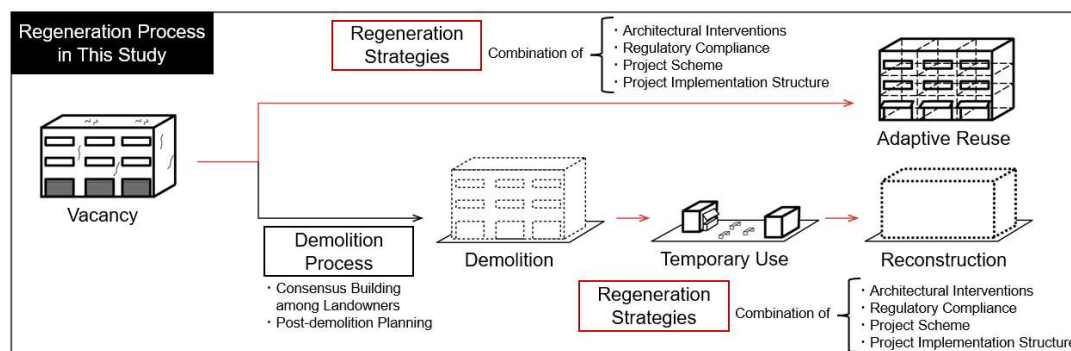


Fig.1 Regeneration Process Proposed in This Study



Fig.2 the Fireproof Building Belt

2. Conservation and Adaptive Reuse of Historic Buildings

This research also investigates historic buildings, including prewar reinforced concrete buildings, in the historic district of Hakodate. It examines their current conditions and the processes of transformation they have undergone over time. Based on an understanding of their historical significance and architectural characteristics, the study explores approaches to conservation and adaptive reuse while considering how new values and functions can be created through community-based urban regeneration.

Through these studies, the research seeks to accumulate knowledge on the regeneration and long-term stewardship of building stock in local cities and to contribute to practical urban regeneration in collaboration with local governments, community organizations, and private-sector stakeholders.

Available Facilities and Equipment
