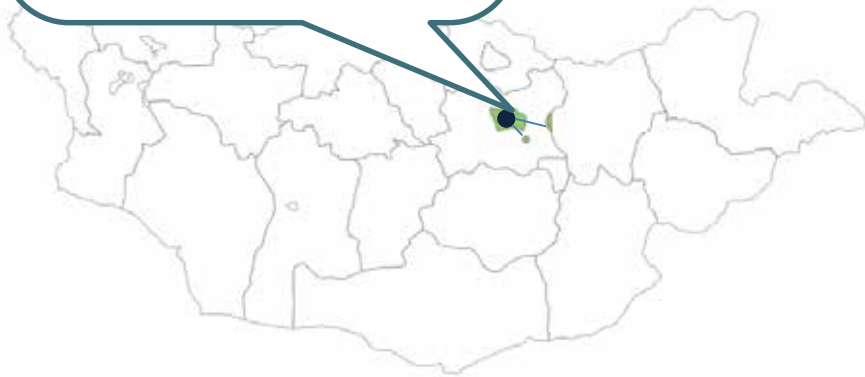


City-to-City Collaboration between Ulaanbaatar City in Mongolia and Sapporo City

The city of Ulaanbaatar joined the "World Winter City Mayors' Association" in 1998. In FY2016, Sapporo City and Ulaanbaatar City carried out a City-to-City Collaboration, and the introduction of renewable energy and the investigation of the waste power generation project were carried out. As cities in the same cold region, this project will support the spread of energy-saving technologies in the housing and construction fields, and contribute to the realization of a zero-carbon society.

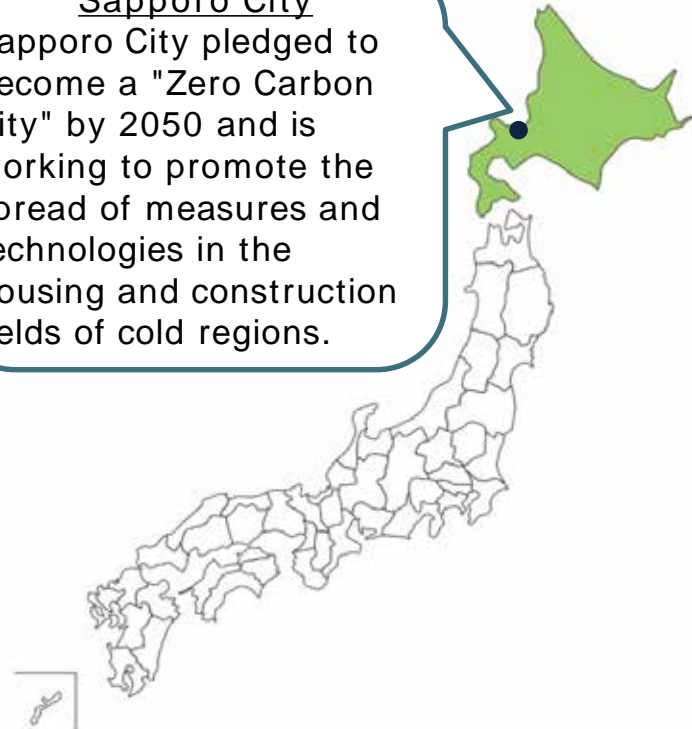
Ulaanbaatar City

With the goal of reducing GHG emissions by 22.7% by 2030, this project will work to use renewable energy and improve the insulation performance of buildings.



Sapporo City

Sapporo City pledged to become a "Zero Carbon City" by 2050 and is working to promote the spread of measures and technologies in the housing and construction fields of cold regions.



City-to-City Collaboration between Ulaanbaatar City in Mongolia and Sapporo City



Sapporo City

Oriental Consultants

Iwata Chizaki Inc.

Zeneral Heatpump Industry

Hokuden Sogo Sekkei Corporation

Hokkaido University



Ulaanbaatar City

Urban Development Department of the Capital City

Capital City Housing Corporation

Ministry of Construction, Mongolia

Trade & Development Bank of Mongolia



Serena town (left) and new city hall in Ulaanbaatar (right) are model targets of the study on low-carbon buildings

【Project Overview】

- Ø Introduction of Sapporo's cold climate urban policies and initiatives in the housing and constructive sector its effective application
- Ø Introduction of Japan's ZEB · ZEH-M technology system for cold regions
- Ø Preparation of summary for energy saving performance calculation
- Ø Development of a detailed plan for low-carbon buildings in cold regions
- Ø Examination of the possibility of a low-carbon society
- Ø Organization of workshops (4 times)

【Expected Results】

- Ø Promotion of understanding of Sapporo's urban policies and policies and initiatives of the housing and construction sector
- Ø Knowledge sharing on evaluation items related to energy-saving performance of buildings and their calculation methods
- Ø Arrangement and proposal of low-carbon model building specifications in line with the current situation in Ulaanbaatar
- Ø Examination of low-carbon model building specifications for Ulaanbaatar City New Government Building and Serena town (test subsidy calculations)