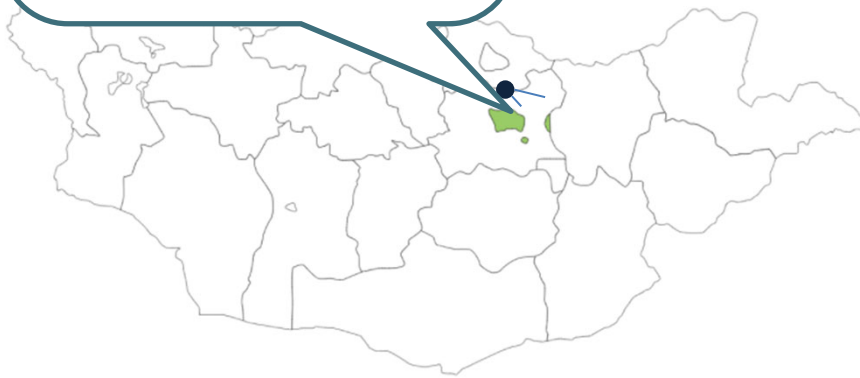


# City-to-City Collaboration between Ulaanbaatar and Sapporo

Ulaanbaatar City joined the "World Winter City Mayors' Association" in 1998. As for a City-to-City Collaboration between Sapporo City and Ulaanbaatar City, in FY2016 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 started in FY2020 supports the spread of energy-saving technologies in the housing and construction fields, contributing to the realization of a zero-carbon society.

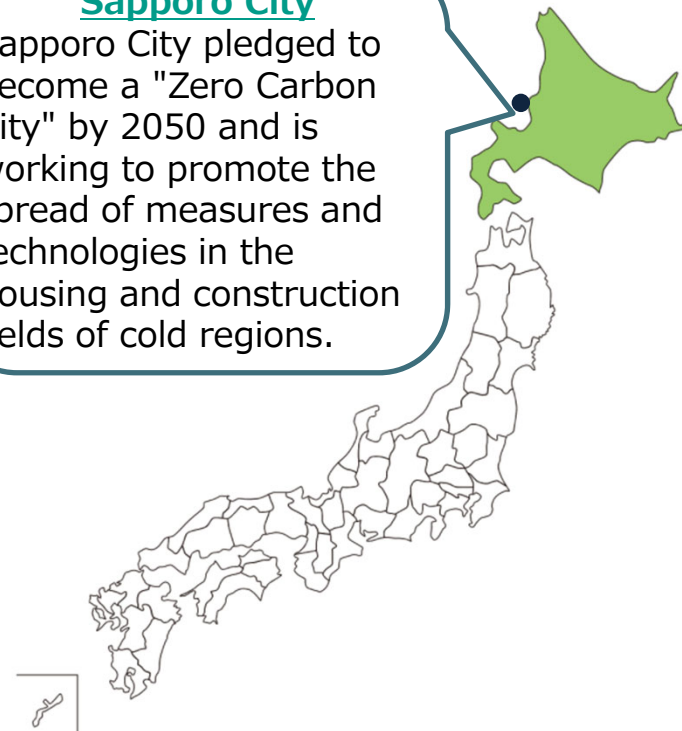
## Ulaanbaatar City

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.

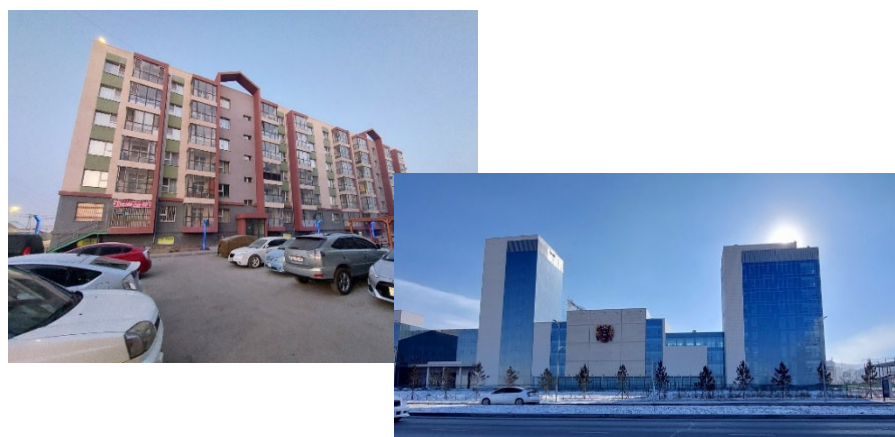
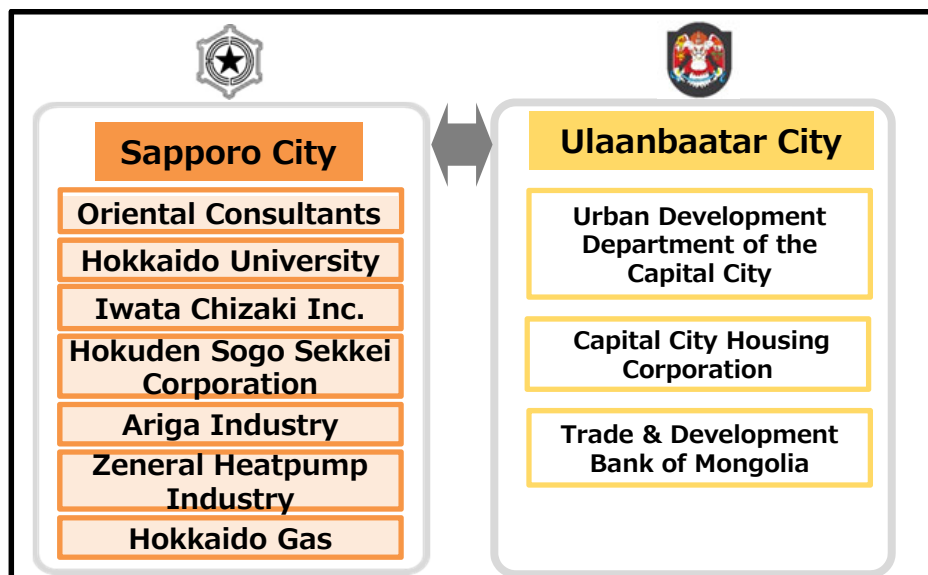


## Sapporo City

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 and Sapporo



Serena town (left) and new city hall in Ulaanbaatar (right) were examined as candidate sites in the short-term phase

## 【Project Activities】

- Introduction of Sapporo's policies and initiatives for zero-carbon society development
- Study on green building policies and international assistance
- Measurement and analysis of indoor environments of housing in Ulaanbaatar
- Study for the formation of JCM projects by phase
- Organization of workshops and seminars (4 times)

## 【Achievements】

- Sharing of knowledge about Sapporo's policies and initiatives and case studies on district heat supply systems and community energy management systems
- Confirmation of green building policies in Mongolia and international assistance in Ulaanbaatar
- Recommendations for improvements and appropriate energy management based on indoor environment measurement and analysis
- Proposal of technologies to be introduced and candidate project sites for each short-, medium- and long-term phase and estimation of GHG reduction benefits and study of feasibility as a JCM project
- Promotion of understanding about green building through ZEB/ZEH and Passive House seminar organization