



Initiatives to Promote a Walkable City in Winter

AKIMOTO Katsuhiro
Mayor of Sapporo



Overview of Sapporo



Small-scale Map (Hokkaido)



Area: 1,121km²

* About 60 % of the city area is covered with forest.

Population: 1,968,326 (as of Nov. 11. 2024)

Temperature

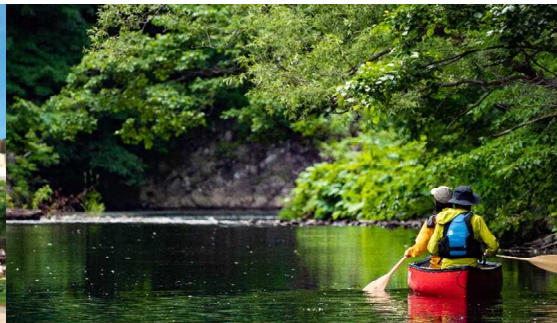
Average temperature: 10.0

Highest: 34.3 , Lowest: -14.9

(in 2020)

Annual Amount of Snowfall:
479cm in typical years

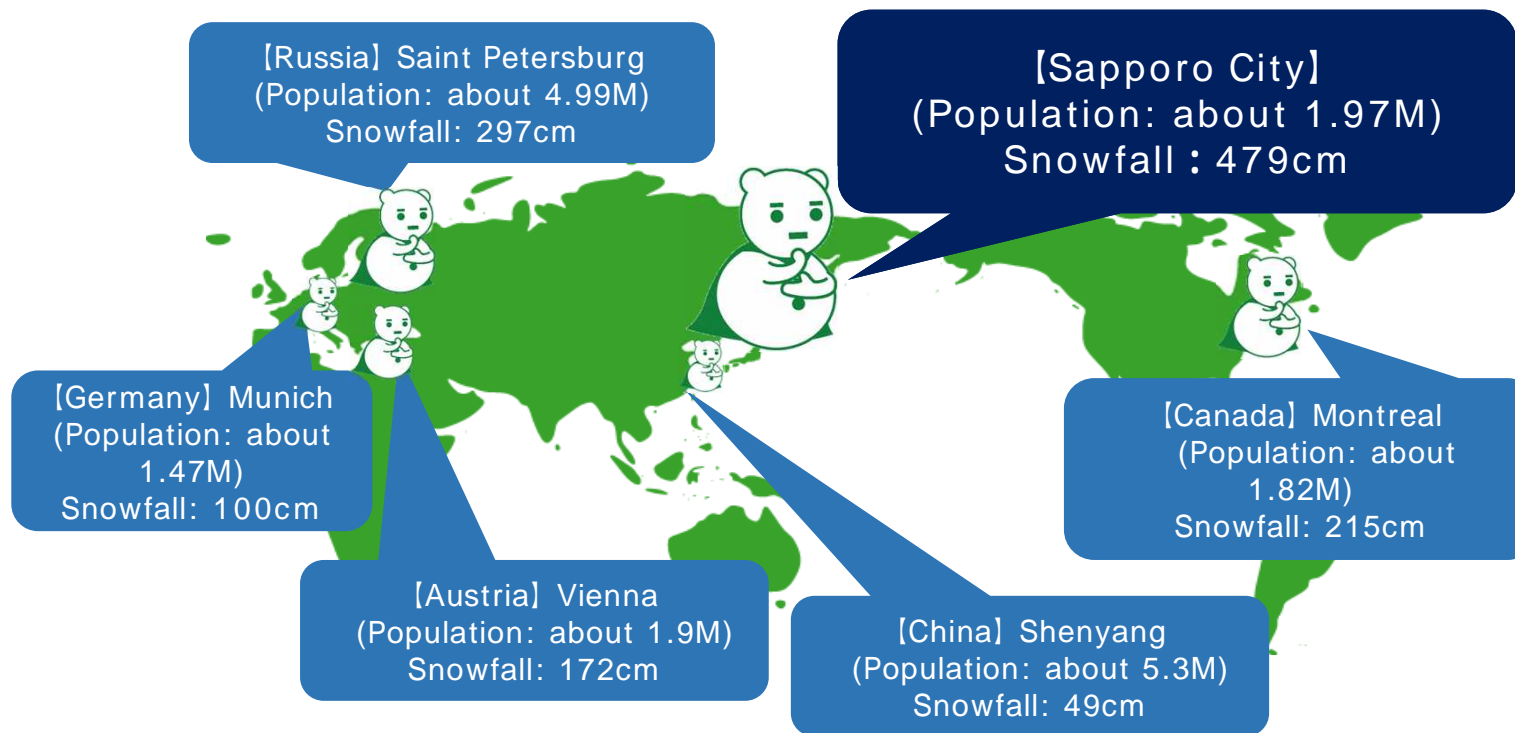
Enlarged View (Sapporo)



Harsh Winter Climate Conditions in Sapporo



- Sapporo is the only city in the world where over 1 million people live, and 5 meters of snow falls annually .
- The percentage of citizens who go out decreases by 16% in winter compared to fall, which is a major health issue.



Cleared snow piled up makes roads narrower.



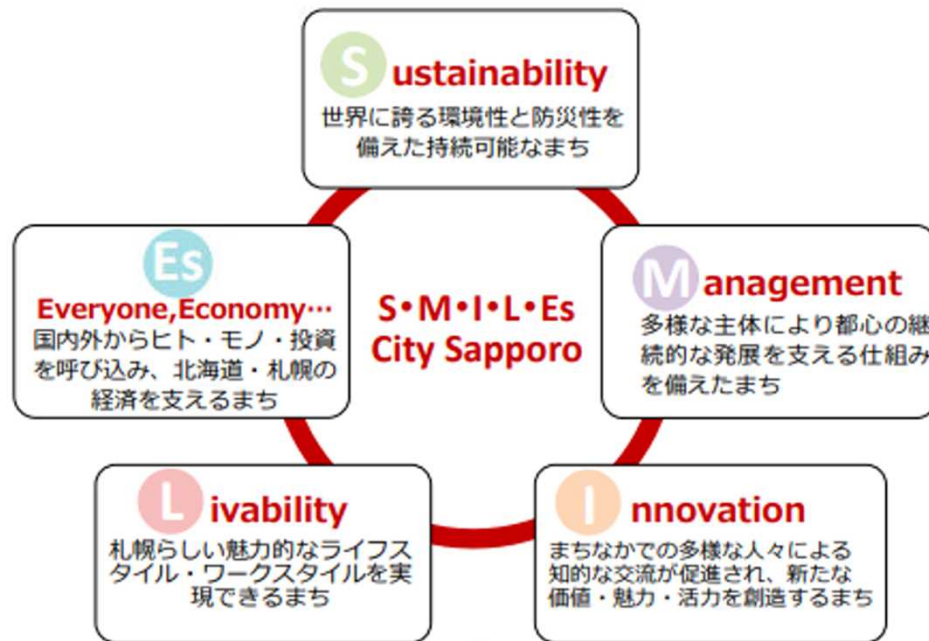
Snow is pressed and becomes crunchy on roads.

Sources:

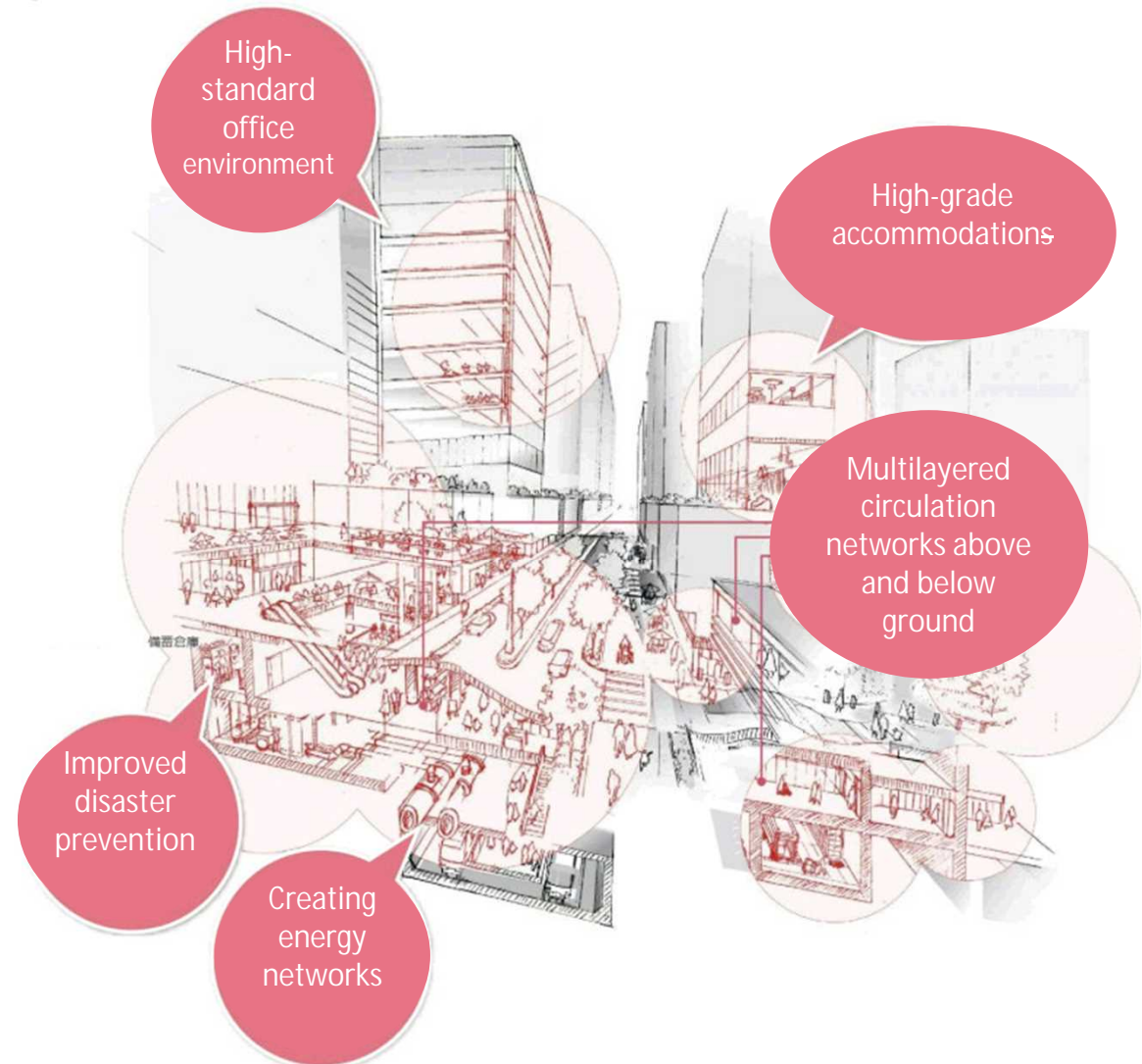
- The annual average recorded by the Sapporo District Meteorological Observatory for snowfall in Sapporo
- 1988 Survey for amounts of snowfalls in other cities
- World Statistics (2022) for population

Securing Walkable Spaces by Working with the Private Sector

- Aligning initiatives with the urban development concept, “S·M·I·L·Es”, laid out in the Master Plan for Urban Planning
- Promoting “High-quality Open Spaces” and “Multilayered Circulation Networks Above and Below Ground”



“S.M.I.L.Es” is a concept suitable for urban areas



Examples of initiatives for realizing targets regarding urban development plans

*Source: Guiding Policies for Urban Development

https://www.city.sapporo.jp/keikaku/documents/yuudouhoushin_annai_2407.pdf

Case Example in Central Sapporo, “Kita 3-jo Square”

Photos (before and after development)



Before (space for a road)

After (a park area)

How this area is used



Sapporo August Festival



3 x 3 Festival



Smile Rink SAPPORO

Case Example in Central Sapporo, "Sapporo Ekimae-dori Underground Walkway"



Sapporo Ekimae-dori Underground Walkway



Events



Connected to buildings



Underground pedestrian network 5

Case Example in Central Sapporo, “COCONO SUSUKINO”

- Cocono Susukino opened in the center of the Susukino area in September 2023.
- There is a bus waiting area in the building which anybody can use so that they can use public transportation safely even in winter.



COCONO SUSUKINO
(shopping complex)



Bus waiting area in the building

Developing Sapporo's Walkable Vision

- “The 2nd Sapporo City Development Strategy Vision” was established as Sapporo’s comprehensive plan in 2022.
- Promotion of a walkable city was one of its priority measures.



第2次札幌市まちづくり戦略ビジョン
令和4年度（2022年度）～令和13年度（2031年度）

Comprehensive Plan of Sapporo (FY2022-2031)

Target image of the city

Sapporo, a sustainable world city where rich lifestyles and new values are created through the brilliant interweaving of people, snow and greenery

Cross-field Measures (Policies)

Universal
(Coexistence)
Project

Wellness
(Health)
Project

Smart (Comfort,
spearhead)
Project 1
Project 2

Project to
mitigate
population
decline

One of the 3 pillars of the projects is the promotion of a walkable city. Urban areas, local exchange hubs and residential areas will be developed, taking advantage of the unique characteristics of each area to create comfortable spaces where people want to walk and gather for various activities

Sapporo Walkable Vision will be established at the end of FY2025

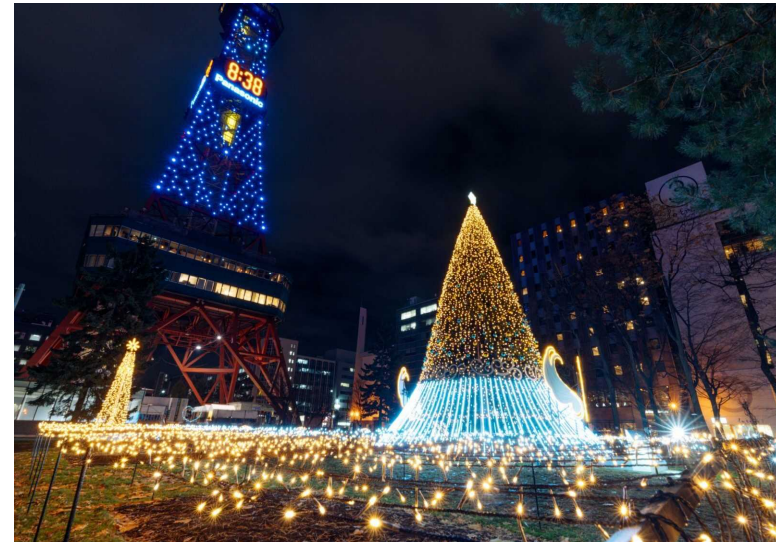
Case Example of Walkable Spaces Utilizing Snow



- Attractive snow-covered illuminations and snow candles that create outdoor spaces that people want to walk around.
- The importance of public-private city development through the collaboration of different sectors - private companies, government and residents



Sapporo White Illumination
(Sapporo Ekimae-dori Avenue)



Sapporo White Illumination (Odori Park)



Snow Light in Miyanosawa



Snow Candle Way (Jozankei) 寺本0

寺本0

「雪灯り」は小樽のようです。定山溪は「雪灯路」ですが、札幌観光協会と定山溪観光協会で英訳が違います。今回は、定山溪の方が簡潔だったので、そちらを採用しましたが、札幌観光協会では"Jozankei Onsen Snow Light Path"と訳しています。

寺本 晃子, 2024-11-27T02:37:32.736

Sightseeing Content Utilizing Snow in Public Spaces



- Over 2 million tourists from home and abroad come to the Sapporo Snow Festival every year to experience winter in Sapporo.
- At the Sapporo International Art Festival 2024 (SIAF 2024) held last winter, various pieces of art and a new self-driving car were introduced.



Sapporo Snow Festival Statue



Ice Sculpture Contest in Susukino



Work of Eness (SIAF 2024)



GACHA (SIAF 2024)

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「エネスの作品」としています。
寺本 晃子, 2024-11-27T03:09:27.523



Realizing a walkable winter city
that makes everyone want to walk

