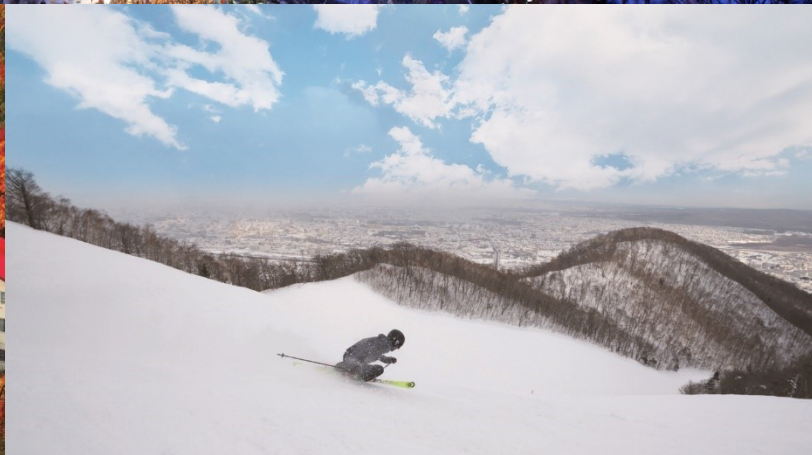
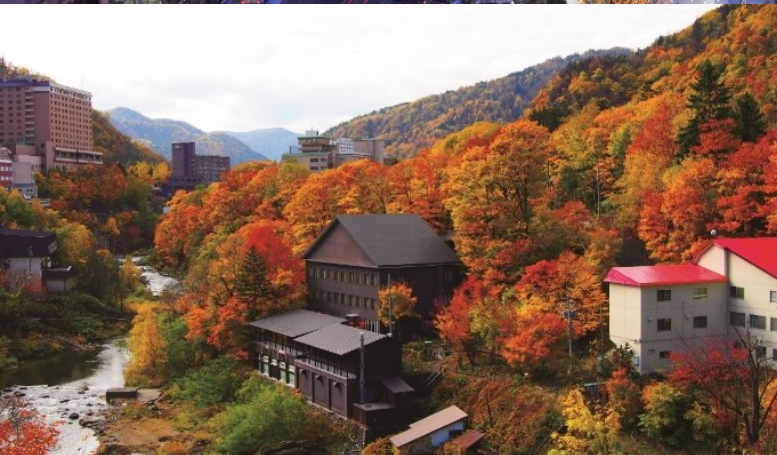




World Winter Cities Association for Mayors  
2024 Working-Level Officials Meeting  
Jan. 30-31, Sapporo, Japan  
ANA CROWNE PLAZA SAPPORO





## **WWCAM 2024 Working-Level Officials Meeting (WLOM)**

### **Schedule**

Date	Time	Content
1/30 (Tue)	10:00-10:20	Opening Remarks by Sapporo Mayor, Member City Introductions
	10:20-11:10	WLOM (Agenda 1) Discussion on the Operation of the WWCAM
	11:10-11:30	Break
	11:30-12:00	WLOM (Agenda 2) Report on the 19 <sup>th</sup> Mayor's Conference
	12:00-12:15	Group photo
	12:15-13:45	Lunch
	13:45-14:45	WLOM (Agenda 3) Report on the Environmental Action Goals Set by Member Cities
	14:45-15:00	Break
	15:00-16:00	WLOM (Agenda 4) Presentation & Discussion on Plans for the 20 <sup>th</sup> Mayors Conference
	16:00-16:15	Closing, Information from the Secretariat
	18:30-20:00	Dinner Hosted by Sapporo Mayor
1/31 (Wed)	10:00-11:30	Member Cities PR Event
	11:45-13:15	Lunch
	13:30-14:00	Snow Festival Venue Visit
	14:15-15:15	Sapporo International Art Festival Visit
	15:45-16:45	Sapporo Maruyama Zoo Visit (snow air conditioning system)
	17:30-18:15	Break (at ANA Crowne Plaza Sapporo)
	18:30-20:00	Dinner Hosted by the WWCAM Secretary General

**World Winter Cities Association for Mayors**  
**2024 Working-Level Officials Meeting**  
**Agenda**

**1. Date**     Tuesday, January 30 (10:00-16:15), 2024

**2. Venue**   ANA Crowne Plaza Sapporo

**3. Agenda**

Agenda No.	Topic for Discussion / Agenda Name	Reference No.
Agenda 1	Discussion on the Operation of the WWCAM  1. Election of Officials and Extension of Office Term for Officials 2. Host City of the Working-Level Officials Meeting 3. Call for Cities to Propose the Establishment of Research Subcommittees 4. Call for Secretariat Cities for Revitalization Projects 5. Regarding the 2024 Membership Fee 6. Recruitment of Host City Candidates for the 22nd Mayors Conference	Reference 1  Reference 2 Reference 3  Reference 4 Reference 5 Reference 6
Agenda 2	Report on the 19th Mayor's Conference	Reference 7
Agenda 3	Report on the Environmental Action Goals Set by Member Cities	Reference 8
Agenda 4	Presentation & Discussion on Plans for the 20th Mayors Conference	Reference 9

# Working-Level Officials Meeting

## Agenda 1:

### Discussion on the Operation of the WWCAM





## **Election of Officials and Extension of Office Term for Officials**

As a result of the 2023 Written General Meeting, several officers were elected or had their terms of office extended, as described below.

### **1. Election of Officials**

#### **1) President**

In accordance with WWCAM Charter Article 13-2, the term held by the Mayor of Sapporo came to an end. Since the mayor of Sapporo applied for reelection, the mayor will continue to hold the position for the next term.

#### **2) Vice-President (North and South American Regions)**

In accordance with WWCAM Charter Article 14-2, the term held by the mayor of Edmonton has come to an end and the position is now vacant.

#### **3) Director**

In accordance with WWCAM Charter Article 15-1, the term held by the mayor of Rovaniemi came to an end and the mayor of the host city of the 20th Mayors Conference (Sapporo, Japan) assumed this post.

#### **4) Auditor**

In accordance with WWCAM Charter Article 16-2, the term held by the mayor of Harbin came to an end. Since the mayor of Harbin applied for reelection, the mayor will continue to hold the position for the next term.

### **2. Extension of Office Term for Officials**

The two Vice-Presidents and the Director whose terms expire in 2025 have been extended to 2026 respectively.

(Reference)

The WWCAM Charter provides that the term of office for each official, except for Directors, shall end “four years later at the General Assembly meeting at which their successor is elected.” (The term for Directors starts from the General Assembly meeting held two years prior to the Mayors Conference they’ll be hosting and ends at the General Assembly held two years after that Mayors Conference.)

This assumes that the Mayors Conference is held once every two years, and that a successor is elected at the General Assembly held in conjunction with the later Mayors Conference.

In order to account for the 20<sup>th</sup> Mayors Conference being postponed from 2023 to 2024, we made adjustments to the terms of office for officials so that they will last until the even-numbered years in which the Mayors Conference is scheduled to be held.

### [Previous Officials]

Post	Mayor	Term	Remarks
President	Mayor of Sapporo	2018 – 2023	End of term
Vice-President	Mayor of Edmonton (North/South America)	2018 – 2023	End of term
	Mayor of Hwacheon (Asia/Oceania)	2021 – 2025	
	Mayor of Rovaniemi (Europe)	2021 – 2025	
Director	Mayor of Rovaniemi	2018 – 2023	End of term
	Mayor of Norilsk	2021 – 2025	
Auditor	Mayor of Harbin	2018 – 2023	End of term



### [New Officials]

Post	Mayor	Term	Remarks
President	Mayor of Sapporo	2024 – 2028	
Vice-President	- (North/South America)	-	Empty post
	Mayor of Hwacheon (Asia/Oceania)	2021 – 2026	
	Mayor of Rovaniemi (Europe)	2021 – 2026	
Director	Mayor of Sapporo	2024 – 2028	
	Mayor of Norilsk	2021 – 2026	
Auditor	Mayor of Harbin	2024 – <u>2026</u>	*Eligible to be re-appointed for a 2-year term.

### Primary Roles of Officers

- **President:** represents the Association, responsible for overseeing the general affairs of the Association.
- **Vice-President:** assists the President, oversees the region he/she represents.
- **Director:** cooperates with other Directors in preparing for upcoming Mayors Conference, works together with other Directors for successful administration of the Mayors Conference.
- **Auditor:** supervises the accounts of the Association.



## **Host City of the Working-Level Officials Meeting**

### **1. Regarding the Host City of the WLOM**

The Secretariat put out a call for the host city for the next Working-Level Officials Meeting (WLOM). However, no candidates came forward.

As such, the Secretariat would like to continue the call for candidates for the next WLOM even after the 2024 WLOM, as there is still time to start preparations.

The Secretariat would like to ask each member city to proactively consider announcing their candidacy and support our organization's activities. If you wish to host the WLOM, please express your candidacy to the Secretariat at any time.

In the case that no candidates come forward, in accordance with the Charter, the city where the Secretariat is located (Sapporo, Japan) will host the WLOM.

(Reference)

#### **1. Provision on the host city for the Working-Level Officials Meeting**

##### **Article 34. Working-Level Officials Meeting**

1. In principle, the Working-Level Officials Meeting shall be convened by the President within a year prior to an upcoming Mayors Conference.
2. The Working-Level Officials Meeting shall be held in the city where the Secretariat is located under Article 42-1.
3. The member cities other than the city mentioned in the preceding clause shall not be precluded from holding the Working-Level Officials Meeting, if the president deems it necessary.

##### **Article 36. Powers**

The Working-Level Officials Meeting shall be responsible for:

- (7) deciding the host city of the Working-Level Officials Meeting based on Article 34 Clause 3.

#### **2. Effects of hosting the Working-Level Officials Meeting**

Having working-level officials from each county and city from around the world come to your city, holding city tours to introduce your city's tourism resources and advanced case studies, and hosting events in collaboration with citizens can be expected to contribute to your city's development and the local economy.

## **Call for Cities to Propose the Establishment of Research Subcommittees**

In accordance with the WWCAM Charter, subcommittees are established with the aim of conducting specific research upon approval of the General Assembly held during the Mayors Conference.

The subcommittee system can be utilized when member cities are interested in conducting further technical research on the topics to be discussed at the 20th Mayors Conference. Cities wishing to establish a new subcommittee must submit a proposal at the 20th Mayors Conference.

Accordingly, the Secretariat will accept proposals from member cities which are willing to take the responsibility of operating a subcommittee. Details will be sent to member cities at a later date.

An outline for the establishment of subcommittees is described below. Member cities are encouraged to take full advantage of our association's subcommittee system in seeking solutions for winter-related issues.

### **Information for Establishing New Subcommittees**

- **Commencing date**  
Commencing in 2024
- **Length of activity**  
To be decided by the subcommittee establishing city (in general, four years)  
\*A two-year term is also acceptable.
- **Research methods**  
In principle, subcommittee establishing cities select the research methods (e.g., questionnaire surveys of member cities, case studies of non-member winter cities, discussion meetings with member cities, etc.). Subcommittee meetings are usually held to coincide with the Working-Level Officials Meeting.
- **Costs**  
Subcommittee secretariat cities will be provided with a 5% grant from the total membership fees (approximately 2,600 US dollars annually) and they will bear no expenses for organizing subcommittee meetings as the meetings are generally held together with the WLOM.
- **Research topics**  
Subcommittee secretariat cities can select topics of their interest for their subcommittees. Possible topics include those related to the discussion themes for the 20th Mayors Conference and those that other member cities may be interested in.

### ● Examples of Past Subcommittee Activities:

<b>Subcommittee</b>	<b>Duration of Activities</b>	<b>Secretariat Location</b>
City Operations for Mitigation of Global Climate Change	Jan. 2008 – Jan. 2012	Anchorage, U.S.A.
Environmental Protection	Jan. 2010 – Jan. 2014	Changchun, China
Arctic Design	Feb. 2015 – Nov. 2021	Rovaniemi, Finland



## **Call for Secretariat Cities for Revitalization Projects**

### **1. Revitalization Projects**

According to the WWCAM Charter, Article 57, “Revitalization projects” are defined as “any projects that contribute to the revitalization of the Association either independently or collaboratively with other member cities.”

At the 2015 WLOM in Sapporo, Revitalization Projects were defined as “initiatives aiming to increase the number of WWCAM member cities”

Benefits of increasing the number of WWCAM member cities:

- More cities participating in WWCAM activities such as the Mayors Conference and WLOM will lead to more stimulating discussions.
- Will lead to the expansion of the WWCAM network and increase opportunities for collaboration among member cities.
- Expanding the WWCAM network will boost the appeal of the Association, leading to an even further increase in membership.

According to the WWCAM Charter, Article 58, “A secretariat city shall be necessary to conduct any revitalization project.”

The mayor of the secretariat city of the revitalization project may apply for a grant for the operation of the revitalization project, with an upper limit of 15% of the total membership fees (approximately 7,900 US dollars annually).

### **2. Call for Secretariat Cities for Revitalization Projects**

After the 2024 WLOM, the WWCAM Secretariat will recruit member cities to be the secretariat city of a revitalization project.

Having each member city make efforts to expand WWCAM membership will reap great benefits for the Association as a whole. The Secretariat would like to ask member cities to consider announcing their candidacy and support our organization’s activities.

### **3. Examples of Revitalization Projects**

Promote the activities of the WWCAM and recruit new member cities during international conferences and events held by each member city. Additionally, invite other member cities to participate in the events.

Introduce WWCAM activities to the international networks affiliated with each member city.

## (Reference) Past Revitalization Projects

### 1) Organizing city: Sapporo

- Period: 2008-2010 (3 years)
- Details:
  - Development of the WWCAM Homepage
  - Drafting of WWCAM pamphlets in five languages  
(Japanese, English, Chinese, Korean, Russian)

### 2) Organizing city: Hwacheon

- Period: 2011-2014 (4 years)
- Details:
  - Exhibit WWCAM member city-related panel displays, traditional clothing, folk crafts, etc. at the Hwacheon Sancheoneo Ice Festival held every January.

### 3) Organizing city: Sapporo

- Period: 2017-2019 (3 years)
- Details:
  - Research Study on the Activities of the Annual UNDPI/NGO Conference
  - Sapporo participated in an United Nations event and promoted the WWCAM to International organizations from various countries, encouraging them to participate in the meetings and join the Association. The members of Sapporo also visited UN agencies to reinforce the cooperative relationship.



## **Regarding the 2024 WWCAM Membership Fee**

### **1. Regarding the WWCAM account balance at the end of FY2023**

The WWCAM's account balance as of the end of FY2023 is about US\$120,000.

This balance is about double that of previous years.

The reason for this is due to grant-eligible member cities declining and returning funds in recent years.

### **2. Proposal for the handling of the 2024 membership fee**

The Secretariat proposes that the membership fee for 2024 be set to zero.

The FY2024 budget had been already approved at the 2023 Written General Assembly. Even if the 2024 fees are set at zero, the expenditures specified in the FY 2024 budget can be made as planned since the account balance (as explained above) can be utilized.

### **3. Going forward**

An extraordinary written general assembly will be held to ask member cities for their approval on this proposal.

## **Recruitment of Host City Candidates for the 22<sup>nd</sup> Mayors Conference**

The WWCAM plans to select a host city for the 22<sup>nd</sup> WWCAM Mayors Conference to be held in 2028 during the 20<sup>th</sup> (Sapporo) Mayors Conference.

As such, applications for host city candidates for the 22<sup>nd</sup> Mayors Conference are now being accepted.

Hosting the WWCAM Mayors Conference is a golden opportunity to promote one's city to the world. Please consider applying.

As for the 20<sup>th</sup> Mayors Conference, it was originally scheduled to be hosted in Norilsk, Russia, but by decision of the Written General Assembly the host city was changed to Sapporo and the Mayors Conference hosted by Norilsk will be rescheduled after the global situation has been restored.

Based on this the 21<sup>st</sup> Mayors Conference in 2026 is scheduled to be held in Norilsk, Russia, but please be aware that the host city of the 22<sup>nd</sup> Mayors Conference and the host city of the 21<sup>st</sup> Mayors Conference may be switched depending on the status of the global situation.

### **Overview of the 22<sup>nd</sup> Mayors Conference**

#### ➤ **Period**

2028 (Specific dates to be set by the host city)

#### ➤ **Specifications of Hosting**

- 1) Mayors Conference
- 2) Winter Cities Forum (held at the discretion of the host city)
- 3) Winter Expo (held at the discretion of the host city)
- 4) Other events decided upon by the host city (citizens events or technical visits/tours)

#### ➤ **Expenses**

The host city will bear all expenses. However, financial assistance is provided through grants based on the WWCAM membership fees.

*(60% of the income from Membership Fees for the WWCAM in the year leading up to and the year the Mayors Conference is held shall be distributed to the host city in the year the conference is held and the following year.)*

### **【Host City Decision Process】**

After the Working-Level Officials Meeting, information on host city candidate recruitment will be sent out again.

Host city candidates shall give a presentation at the 20<sup>th</sup> (Sapporo) Mayors Conference General Assembly.

In the event there are multiple candidates, a vote will be conducted among participating cities at the General Assembly to select the host city.



# Working-Level Officials Meeting

## Agenda 2:

### Report on the 19th Mayor's Conference





# Report on the 19th (Rovaniemi) Mayors Conference

Tuula Rintala-Gardin  
Director of International Relations  
City of Rovaniemi

1

- The 19th WWCAM Mayors Conference was supposed to be held in Rovaniemi in November 2020
- Due to the COVID-19 pandemic, the conference was postponed to year 2021 and changed to virtual conference
- The virtual conference was organized over three days in November 2021
- The time difference between participating countries was challenging
- Representatives from 21 cities in 7 countries participated including observer cities



2



**The theme of the conference  
was Ageing society in Winter  
Cities and Cold Climate**



3



#### **Working Group 5.11.2021**

1. Tourism Development in Winter Cities

#### **Group sessions subthemes 15.11.2021**

1. Infrastructure and Architecture for All
2. Challenges and Solutions to Social Marginalization and Elderly Empowerment

#### **Declaration and Resolutions 16.11.2021**



4



## Working Group Discussion: Tourism Development in Winter Cities

- ✓ Working group discussion was held on November 5th, 2021, from 9-11 a.m. (EET)
- ✓ The City of Norilsk explained the Arctic tourism cluster created to develop tourism industry on Taimyr Peninsula, winter tourism featuring natural locations, and a digital tourism platform offered in multiple languages.
- ✓ The City of Edmonton presented a video showing its strategy for transforming Edmonton into a world-leading winter city, how to create winter tourism experiences, and the marketing campaigns the city launched to increase tourists.
- ✓ The City of Rovaniemi presented the COVID-19 impact on the tourism and the future of the tourism in Rovaniemi



## Working Group Discussion: Tourism Development in Winter Cities

- ✓ The City of Sapporo introduced the joint educational projects related to tourism between the Hokkaido University and universities in the northern region
- ✓ The City of Ulaanbaatar presented how they utilized their traditional culture to develop winter tourism, as well as their challenges and improvements for winter tourism
- ✓ The City of Shenyang introduced ice and snow sports enjoyed in the city, The Shenyang International Ice and Snow Festival, and their tourism resources, including the World Cultural Heritage sites.



## Group Session 1: Infrastructure and Architecture for All

- ✓ The group session was held on November 15th, 2021, from 6 to 8 a.m. (EET)
- ✓ The City of Rovaniemi presented the circular economy to realize architecture and infrastructure for everyone and the measures to address seasonal challenges
- ✓ The City of Ulaanbaatar's presentation explained air pollution, traffic congestion, and other challenges that population growth in the city brought about, and a polycentric city system to evenly distribute the population
- ✓ The City of Hwacheon-gun presented the importance of building infrastructure to continually hold the city's winter festival in a global warming climate
- ✓ The City of Norilsk introduced its large-scale investment in socio-economic development and city development plans.
- ✓ Q&A session followed



## Group Session 2: Challenges and Solutions to Social Marginalization and Elderly Empowerment

- Group Session was held on November 15th, 2021, from 9-11 a.m. (EET)
- The City of Rovaniemi presented how the Senior Citizen Council acts as an advocate of senior citizens in the city and explained its roles and activities
- The City of Sapporo introduced the aging population of the town, the Japanese social security system, and the support the city provided for the elderly to participate in society
- The City of Shenyang presented how to create policies that enable the elderly to play an active role in society and their efforts to expand more channels and PR activities to encourage social participation by the elderly
- Q&A session followed





## Declaration and Resolutions on the 16th of November

- ✓ Arctic Design Subcommittee Final Report presented by the City of Rovaniemi
- ✓ Reports of the Working Group Discussion and Group Sessions presented by the City of Norilsk and the City of Rovaniemi



9



## Rovaniemi Declaration

- ✓ Globalization has brought all of us closer together and enhanced logistical connections have improved the flow of goods and visitors to every corner of the globe. On the other hand, global warming has accelerated into a climate crisis and new fresh ideas, as well as concrete actions, are now needed to secure our future. Despite the challenges, winter cities look to the future with confidence.
- ✓ We have learned to communicate virtually. However, virtual communication is not a substitute for face-to-face meetings. Hopefully, this WWCAM first virtual conference and general assembly will also be the last of its kind and we are able to meet face-to-face in the future.
- ✓ Recognizing these challenges, winter cities hereby declare the commitment to strengthening cooperation, looking for solutions to slow down climate change, improving urban planning, and taking more into account the needs of an aging population. We will work together in the spirit of partnership, with mutual respect and seeking the way to common success.

10



## The 19<sup>th</sup> WWCAM Conference for Mayors Resolutions

1. Even in the midst of the COVID-19 pandemic, WWCAM member cities were successfully able to exchange their opinions and efforts by making the best use of the online format. What made this possible is truly the strong bonds we have nurtured over the years. We hereby reaffirm our solidarity to move forward to resuming face-to-face exchanges in the future
2. We will enhance the contents of the Mayors Conference and make efforts for the mayors of the WWCAM member cities to continue their active discussions. As a means to achieve this, we will fully utilize the newly introduced Group Session format
3. We aim to continue our efforts to increase our members and strengthen the global presence of this Association by holding discussions on extensive topics that would benefit working-level officials, private sectors, and academic researchers. As a means to achieve this, we will fully utilize the newly introduced Working Group format



## The 19<sup>th</sup> WWCAM Conference for Mayors Resolutions

4. Each city shall make their outmost efforts toward the following items as well as decide on realistic numeric goals, and report on these efforts at the next Mayors Conference
  - Efforts to convert to renewable energy sources and reduce energy consumption
  - Efforts relating to environmental preservation, such as tackling air pollution
5. We commend the Honorable Ulla-Kirsikka Vainio, Mayor of Rovaniemi and the citizens of Rovaniemi for their support in holding this conference.



## Other activities

- ✓ Mr. Barinov, Deputy Mayor of the City of Norilsk, made a speech and presentation at the next conference
- ✓ Mayor Akimoto of Sapporo, President of the WWCAM, gave the closing address to conclude the conference

## Activities in writing

- ✓ 2021 in-writing General Assembly; admission of new members, withdrawal of a member city, election of officials, settlement of accounts & project reports, budget proposal, project plan
- ✓ Reports on the Environmental Action Goals
- ✓ Cities video presentations were shared in advance on the special website of the 19th Mayors Conference

13



ROVANIEMI

Thank you for your attention!

14

# Working-Level Officials Meeting

## Agenda 3:

### Report on the Environmental Action Goals Set by Member Cities



## **Report on the Environmental Action Goals Set by Member Cities**

At the 19<sup>th</sup> (Rovaniemi) Mayors Conference in 2021, member cities set feasible, quantitative environmental action goals on the themes of (1) efforts to convert to renewable energy sources and reduce energy consumption and (2) efforts relating to environmental preservation, such as tackling air pollution. It was resolved that achievement results on these would be reported on.

Accordingly, in October of last year, the Secretariat requested that all member cities set action goals.

### **1. Future Schedule**

- 1) Midterm report on the environmental action goals to be given at the 20<sup>th</sup> (Sapporo) Mayors Conference
- 2) The final report will be given at the 21<sup>st</sup> Mayors Conference to be held in 2026.

### **2. Significance of setting action goals**

The significance of this activity is that WWCAM member cities with different backgrounds set action goals for a common theme, strive to achieve these goals, and share the results with the rest of the world.



# Jiamusi Municipal People' s Government



中国黑龙江省佳木斯市人民政府  
2024



1

- I.Introduction to the Natural Environment of Jiamusi City
- II.Ecological Environment Protection in Jiamusi City
- III.Jiamusi City Ecological Environment Protection Action Goals



COD

NH<sub>3</sub>-N

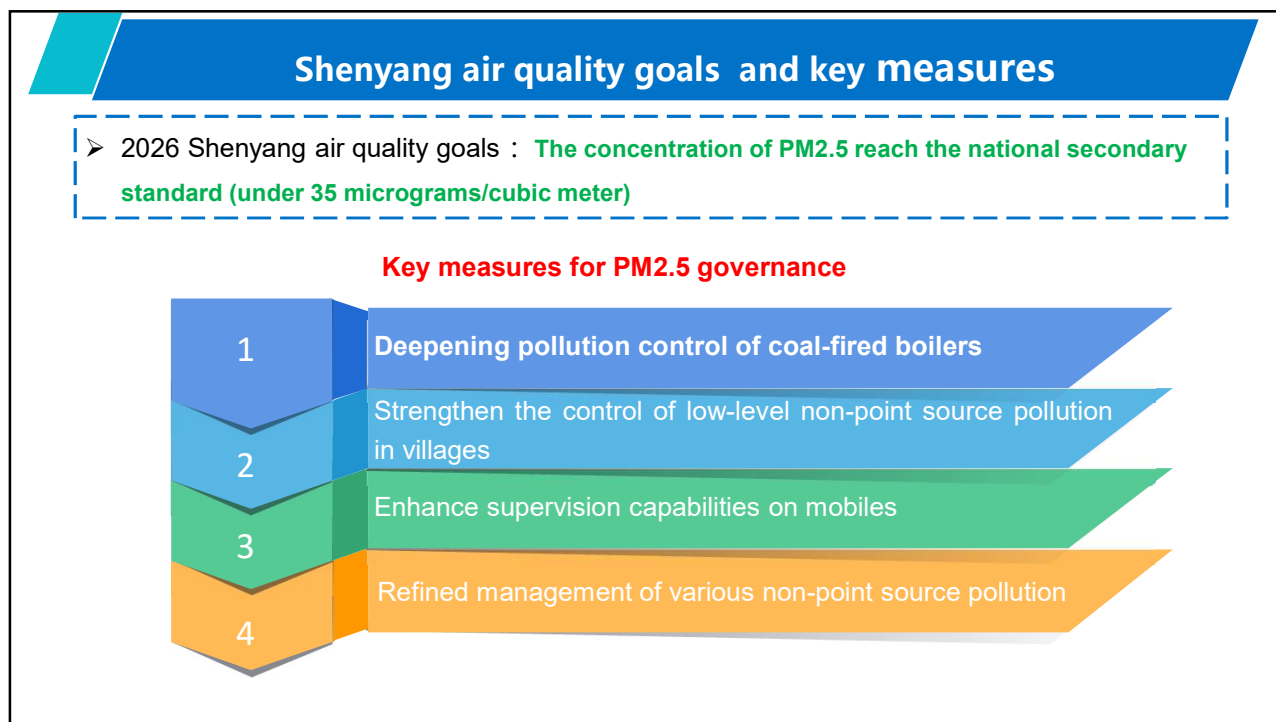
2

欢迎到佳木斯做客  
Welcome to Jiamusi!





1



2



# ROVANIEMI

## Report on Environmental Action Goals

1



### ENERGY SOLUTIONS AND DISTRICT HEATING:

- ✓ Our region generates four times more emission-free and carbon-neutral electricity than the entire city consumes.
- ✓ The district heating is produced almost 100% from locally sourced fuels in Lapland, such as recycled wood, industrial by-products, woodchips, and peat. The long-term goal is to completely phase out the use of peat by the year 2030.
- ✓ The power plant has recently invested significantly in environmental and climate protection. Greenhouse gas emissions have decreased by nearly 60 percent in just a few years, and future investments continue to improve networks.
- ✓ Renewable energy solutions, such as wind and solar power, are being researched in Rovaniemi and worldwide. However, Rovaniemi's significant role as a military base particularly limits the possibilities for using wind power.

2



## CIRCULAR ECONOMY

- ✓ The Circular Economy Roadmap for Rovaniemi has more than 50 measures. The top 5 measures were to be selected in the fall of 2023, but this process is still ongoing due to organizational changes.
- ✓ The preparation for the Circular Economy Green Deal in national level is underway, administered by the Ministry of the Environment and the Ministry of Economic Affairs and Employment.
- ✓ Many of the regulations and guidelines regarding circular economy come from the European Union
- ✓ Rovaniemi has a new sludge incineration plant. Sludge is collected from the wastewater and the plant uses new technology to incinerate toxic substances into ash at temperatures exceeding 800 degrees Celsius. This pure ash can also be used as fertilizer in food production.



## NATURE CONSERVATION

- ✓ Rovaniemi values its precious nature and works to enhance the biodiversity of urban nature.
- ✓ The ecological quality, accessibility, and health effects of green and blue areas are ensured.
- ✓ In wooded areas, planned biodiversity enhancement is a central goal of maintenance.
- ✓ Biodiversity is also supported in the city center through the city's own green areas.
- ✓ To promote cost-effective stormwater management, green surface area is increased in urban development.
- ✓ The biodiversity of the city's parks is also enhanced.





**ROVANIEMI**

Thank you for your attention!



# The World Winter Cities Association for Mayors Inje County environmental action goal set report

Efforts to convert to renewable energy sources and tackling air pollution

1

## Renewable Energy Generation Project

### Current Status of Renewable Energy Generation Facilities

- ▶ Wind Power Facilities: 7 units totaling 6 MW (6 units of 750 kW, 1 unit of 1,500 kW)
- ▶ Small Hydro Power Facilities: 5 units totaling 1.7 MW (3 units of 500 kW, 2 units of 100 kW)
- ▶ Solar Power Facilities: 116 MW (including residential, public, and commercial generation)

### Performance in 2023

- ▶ Total Renewable Energy Generation: 176,735 MWh (record high for 2023)
  - Wind Power Generation: 6,456 MWh • Small Hydro Power Generation: 1,435MWh
  - Solar Power Generation: 147,712MWh • Geothermal Power Generation: 21,132 MWh
- ▶ Renewable Energy Self-Sufficiency Rate: 53%

### Goals for 2025

- ▶ Total Renewable Energy Generation Target: 250,000 MWh
- ▶ Renewable Energy Self-Sufficiency Rate Target: 75%

2

## Air Pollution Reduction Project

	Support for the Early Retirement of Older Diesel Vehicles	Electric Vehicle Distribution Project
Project Details	Assisting in the early retirement of older diesel vehicles and construction machinery with emissions ratings of levels 4 and 5	Providing partial subsidies for the purchase of electric vehicles, hydrogen fuel cell vehicles, and electric motorcycles to Gun (districts) residents and corporations and businesses
Performance in 2023 (as of November)	Allocated a budget of KRW 5.75 million to support the retirement of 236 vehicles	Allocated a budget of KRW 6.91 million to subsidize 56 vehicles (including 33 passenger cars, 21 trucks, and 2 vans)
Goals for 2025	To support the retirement of 280 vehicles	To support the purchase of 80 vehicles

3

## Forest Carbon Offset Project

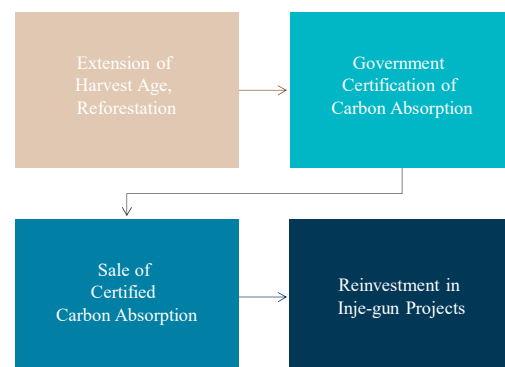
► Inje-gun conducts activities to maintain and enhance forests as carbon absorbers, gets this carbon absorption amount certified by the government, and then sells it in the market. The revenue generated is reinvested into projects like forest creation that the gun is pursuing.

### ► Performance in 2023

- Certified carbon absorption of 3,909 t CO<sub>2</sub> in a 55-hectare area in Seoheung-ri, Seohwa-myeon
- Sold 3,078 tCO<sub>2</sub> ⇒ Generating revenue of KRW 50,787,000

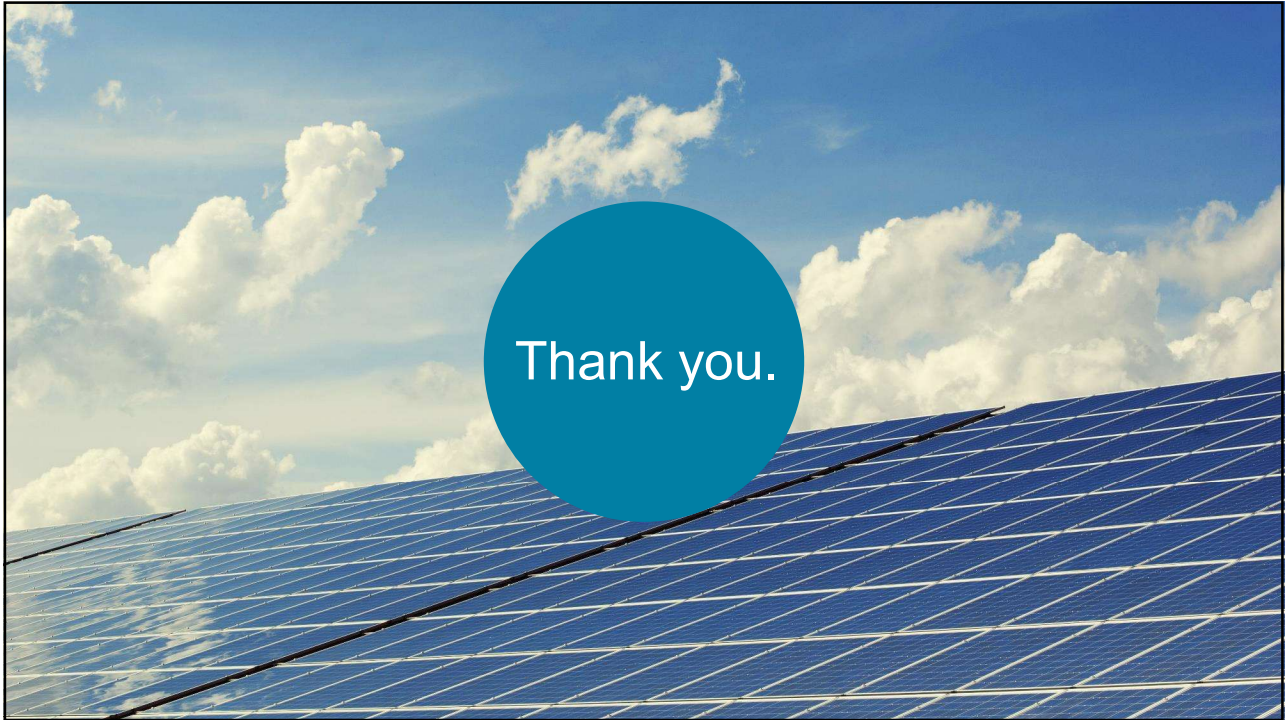
### ► Goals for 2025

- Planning to certify a carbon absorption of 4,700 tCO<sub>2</sub> in a 59-hectare area in Jindong-ri, Girin-myeon
- Aiming to sell over 4,000 tCO<sub>2</sub> ⇒ Generating revenue of KRW 66 million



※ Extension of Harvest Age: Preserving biodiversity and contributing to carbon neutrality by not immediately harvesting trees that can be used as timber, opting to maintain them as part of the forest for an extended period

4





## 태백시 환경활동 목표: 신재생에너지 보급 확대

Taebaek City environmental action goal set report:  
Expanding the supply of renewable energy

contributing to reducing greenhouse gases and improving energy use efficiency through expanding the supply of renewable energy.

1

### 추진상황 Progress situation

Expanding supply of renewable energy

1

#### Supply of renewable energy projects

- Creating enlarging infrastructure project(2023): solar power systems are installed for Taebaek cemetery park(69kW), 5 senior centers(15kW)
- Housing supporting project(2012~2022): 79 households got supported(84 solar power, 4 solar heating energy, 1 geothermal heating power)

※ In 2023, 15 households are selected and solar power systems installation are completed

2

#### Energy welfare projects for the vulnerable

- Replacement of LED(2014~2022): 814 low-income households(829 million won), 124 welfare-facilities(610 million won)

※ In 2023, 9 low-income households(11 million won) were selected and the construction was completed

- Improving electricity facilities project(2019~2022): 370 households(45.8 million won)

※ In 2023, 45 households(4 million won) were selected and proceeded entrusting the project to public institution

2

## Future plan 추진계획

Expanding supply of renewable energy

(table number unit: million won)

Category	Supply of renewable energy projects		Energy welfare projects for the vulnerable	
	Creating enlarging infra project	Housing support project	Replacement with LED project	Improving electricity facilities project
Costs of project (Budget)	104	61	30	2.7
Supporting target	Taebaek city annex: 50kW	Solar power(3kw): 30households Solar heating energy(20m <sup>2</sup> ): 3household Geothermal heating energy(17.5kW): 2households	17 low-income households	30 low-income households
Project contents	Supply of solar power for public institution	Supply of solar power for private households	Replacement with high energy efficiency LED	Replacement and inspection of old electricity facilities

3



## 태백시 환경활동 목표: 신재생에너지 보급 확대

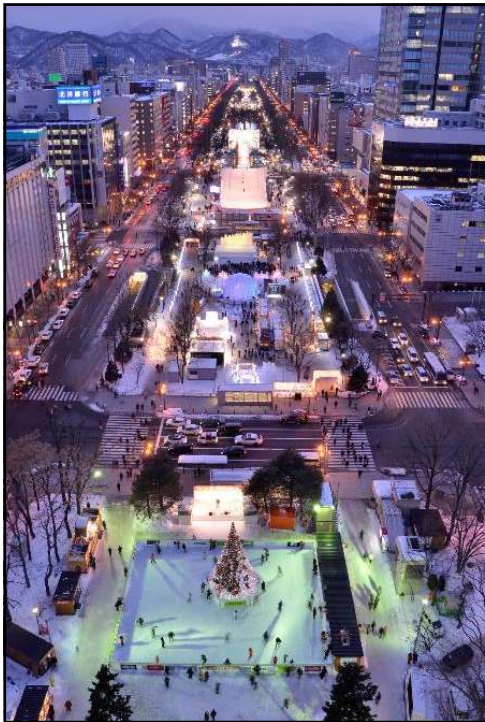
Taebaek City environmental action goal set report:  
Expanding the supply of renewable energy

contributing to reducing greenhouse gases and improving energy use efficiency through expanding the supply of renewable energy.

경청해주시어 감사합니다.  
Thank you for listening

4





## Environmental Action Goals

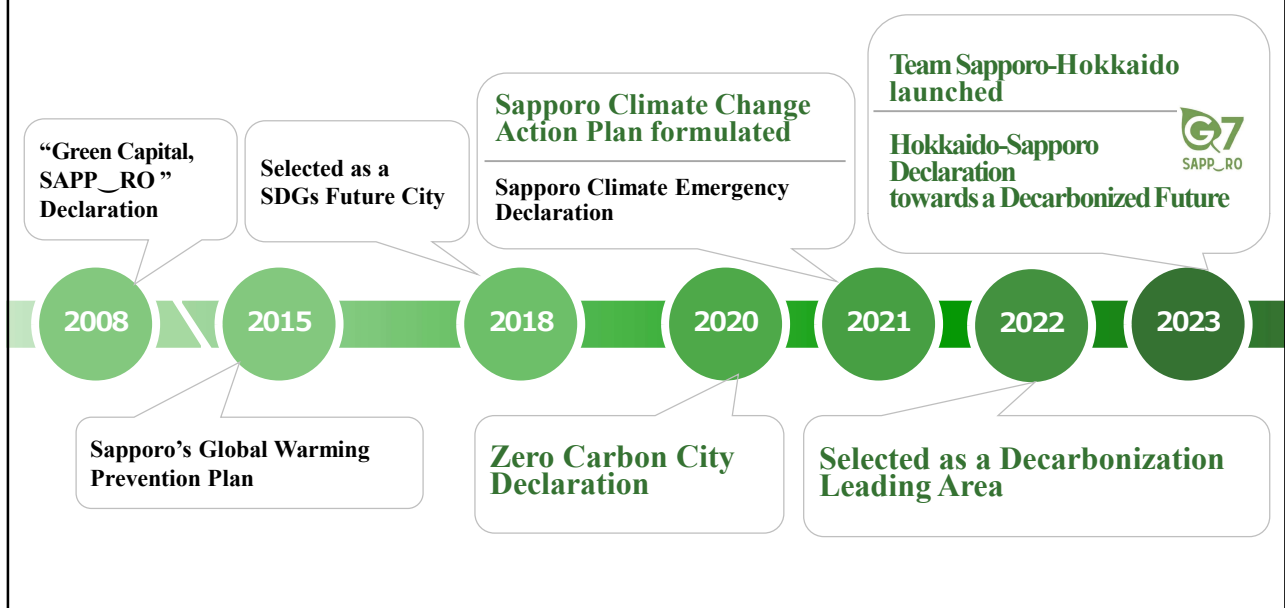
January 30<sup>th</sup>, 2024

WWCAM 2024 Working-Level Official Meeting

Environmental Policy Section, Eco-City Promotion Department,  
Environmental Bureau, City of Sapporo

1

## Progress of Initiatives towards “Green Capital, SAPP\_RO”



2

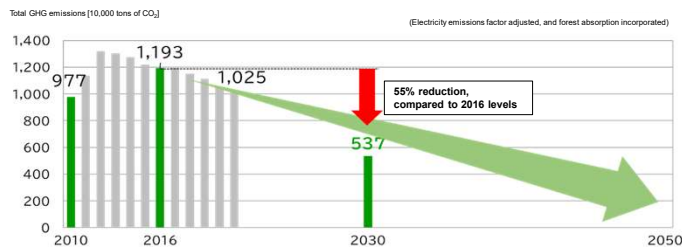
# Sapporo Climate Change Action Plan (established in March 2021)

## Overview

- The plan sets Sapporo's vision and goals for 2050. It also shows the city's 2030 goals as well as concrete steps to take to build a sustainable decarbonized society

## GHG emission reduction target

- Achieve 55 % emission reduction by 2030, compared to the 2016 levels and transform Sapporo into a zero-carbon city by 2050
- Specific reduction targets and expected key results are set to achieve in four environmental measures: Thorough Energy Conservation Measures, Expanding the Introduction of Renewable Energies, Decarbonizing Transportation, and Resource Recycling and Carbon Sink Measures



3

# Environmental Action Goals (set based on Sapporo Climate Change Action Plan)

## Thorough Energy Conservation Measures

Promote Net Zero Energy Houses (ZEH) and Net Zero Energy Buildings (ZEB)

Percentage of new houses & buildings meeting ZEH/ZEB energy efficiency standards or higher

Year 2016 ZEH 54% ZEB —%	➡	Year 2030 ZEH 80% ZEB 80%
--------------------------------	---	---------------------------------

## Expanding the Introduction of Renewable Energies

Implement renewable energy in the buildings and communities

Renewable energy percentage of total electrical energy consumption

Year 2016 24%	➡	Year 2030 50%
------------------	---	------------------

## Decarbonizing Transportation

Promote Zero Emission Vehicles

Citywide ownership percentage of next-generation vehicles

Year 2016 10%	➡	Year 2030 60%
------------------	---	------------------

## Resource Recycling and Carbon Sink Measures

Promote resource conservation and resource recycling

Citywide amount of waste incineration

Year 2016 438,000 tons	➡	Year 2030 392,000 tons
---------------------------	---	---------------------------

4

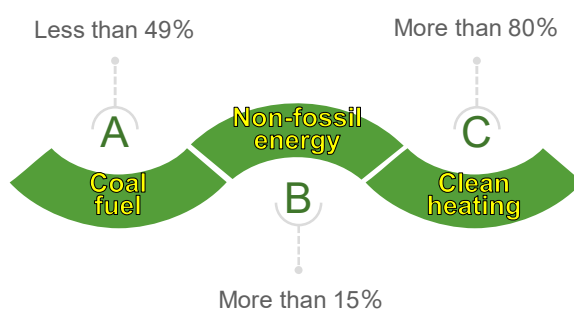
# Report on the Establishment of Action Goals for Energy Transition & Reduction and Air Pollution Prevention

Jilin City, China



1

Cut carbon dioxide emissions, promote energy conservation, and improve energy efficiency




Reduce energy consumption per GDP by 15%

2

## Improvement and perfection of the heavy pollution weather response system





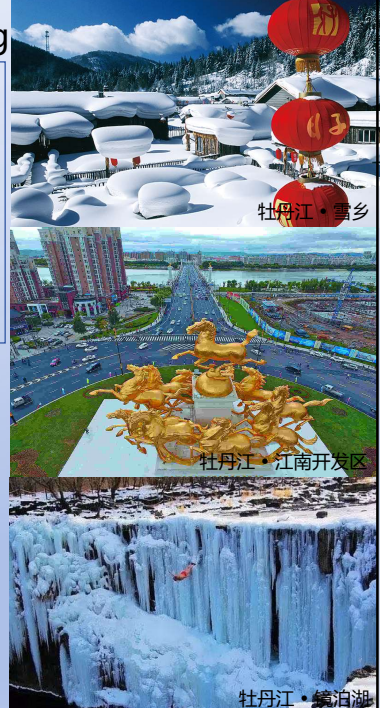
### China • Mudanjiang

**Location:** Mudanjiang is a central city in the southeast of Heilongjiang Province covering with 6 counties (cities) and 4 districts

**Area:** 38,800 square kilometers

**Population:** 2.29 million

**Border:** Mudanjiang bordered with the Russian Primorsky Krai, and the borderline is 210 kilometers long.



**I .Energy Conservation and Consumption Reduction**

- ◎ Energy consumption per unit of GDP in Heilongjiang province will expected fall by 14.5 percent by 2025, compared with the 2020 level.
- ◎ Energy intensity reduction target of Mudanjiang City during the 14th Five-year Plan period (2021-2025) will expected to drop by 15%

**II.Prevention and Control of Air Pollution**

- ◎ The ratio of days with fairly good air quality in Mudanjiang will expected to reach 93.8% by 2025.
- ◎ The average annual density of PM2.5 will expected to be controlled at 30μg per cubic m by 2025.

# Working-Level Officials Meeting

## Agenda 4:

### Presentation & Discussion on Plans for the 20th Mayors Conference



# Proposed Plans for the 20<sup>th</sup> WWCAM Mayors Conference

January 30, 2024  
2024 Working-Level Officials Meeting  
City of Sapporo

SAPPORO - MAKES YOU SMILE

0

## Contents

1. Overview of Sapporo
2. 20<sup>th</sup> Mayors Conference Overview
3. 20<sup>th</sup> Mayors Conference Themes
4. 20<sup>th</sup> Mayors Conference Schedule
5. 20<sup>th</sup> Mayors Conference Venue
6. Winter Expo
7. Winter Cities Forum
8. Other
9. Information for Participating Cities
10. Conclusion

SAPPORO - MAKES YOU SMILE

1





2

## Sapporo: The Sustainable and Livable Global City

An urban metropolis surrounded by a world of nature

- Despite being the fifth largest city in Japan with a population of 1.97 million, 60% of Sapporo is covered by forests and parks, **creating a harmonious balance between urban and nature landscapes**
- The city is blessed with **four beautiful seasons**, with **refreshing summers**, and around 5 meters of snowfall per year in winter, making it home to some of the **world's best powder snow**.



The four photos show different seasons in Sapporo: cherry blossoms in spring, a river in summer, autumn foliage in fall, and a snowy mountain in winter.

SAPPORO - MAKES YOU SMILE

3

## Sapporo: The Sustainable and Livable Global City

### Sapporo's track record for hosting international conferences and MICE functions

- Sapporo has a strong track record for hosting international conferences, including the **G7 Sapporo Climate, Energy and Environment Ministers' Meeting in April 2023**.
- MICE functions are integrated compactly** (There are many accommodation options near the conference venues, so participants can get around easily)

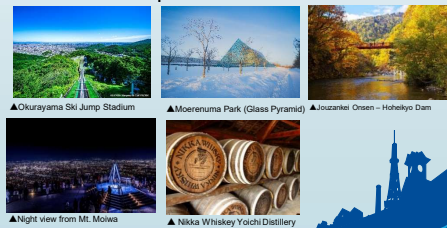
#### [MICE venues within close proximity]



#### [Sapporo's track record for hosting international conferences]



#### [Facilities and scenic spots suitable for various social events]



SAPPORO - MAKES YOU SMILE

4

## Sapporo: The Sustainable and Livable Global City

### Snow Resort City SAPPORO

- There are six powder snow ski resorts located **within 60 minutes from the city center**.
- Using the city center or Jozankei Onsen, one of the most famous hot spring towns in Japan, as a base, one can access **Niseko, Rusutsu, Kiroro** and other resorts, and enjoy some of the world's best powder snow within 2 hours by car. (When the Hokkaido Shinkansen extension is completed, it will take about 30 min between Sapporo and Niseko.)

# JAPOW

(JAPAN POWDER SNOW)



SAPPORO - MAKES YOU SMILE

5



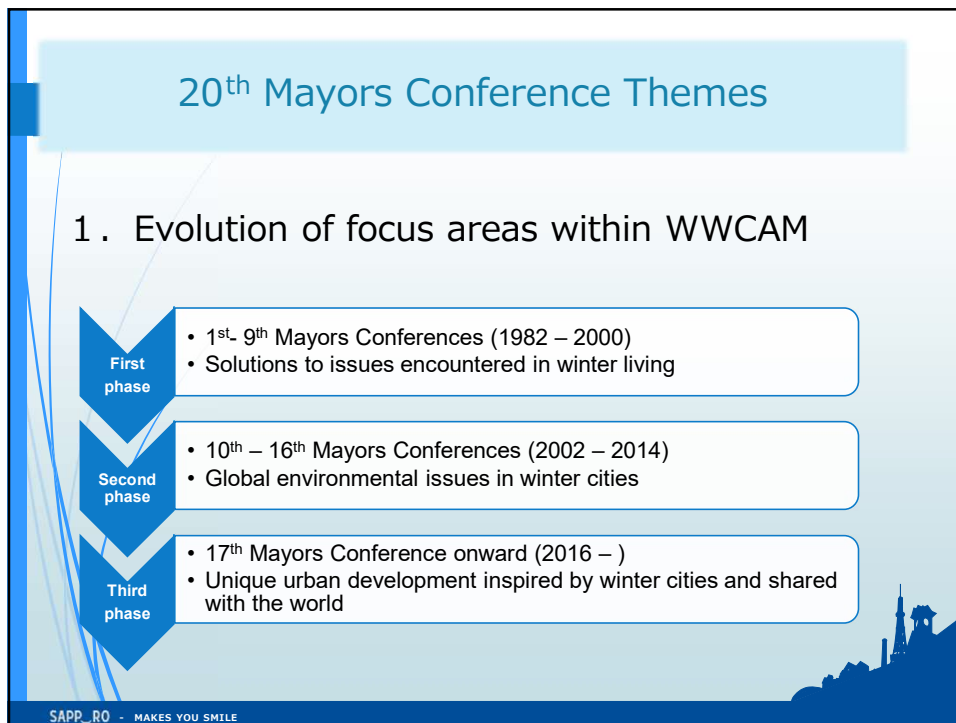
6



7



8



9

## 20<sup>th</sup> Mayors Conference Themes

### 2. Main theme

**New Possibilities for Winter Cities  
— Realizing a Sustainable Society —**

SAPPORO - MAKES YOU SMILE

10

## 20<sup>th</sup> Mayors Conference Themes

### 3. Sub-themes (group sessions)

About group sessions:  
In the past, all Member Cities gave case study presentations during a plenary session. Instead, participants will be split into different groups to discuss one of the three sub-themes, after representative cities give their case study presentations.

- ① **Environmental Policies for Winter Cities**
- ② **Economic Activities in Winter Cities**
- ③ **Urban Development for Winter Cities**

SAPPORO - MAKES YOU SMILE

11

## 20<sup>th</sup> Mayors Conference Themes

### Sub-theme ①

#### Environmental Policies for Winter Cities

- Learn from one another's environmentally-friendly urban development case studies, from cities in snowy & cold regions where the effects of global warming and climate change are easily visible.
- Examples:
  - Initiatives for building a sustainable decarbonized society
  - Initiatives related to the SDGs or post-SDG initiatives
  - Spreading awareness of environmentally-conscious actions to be taken by citizens in winter cities (e.g., calls for saving electricity, energy conservation, etc.)

## 20<sup>th</sup> Mayors Conference Themes

### Sub-theme ②

#### Economic Activities in Winter Cities

- Learn from one another about the special characteristics of cities in snowy & cold regions and case studies of economic activities that take advantage of the potential of their urban resources.
- Examples:
  - Revitalization of industries that hold an advantage in cool climates
  - Promotion of international business that utilizes urban resources (finance, attracting companies, etc.)

## 20<sup>th</sup> Mayors Conference Themes

### Sub-theme ③

#### Urban Development for Winter Cities

- Snow, ice, and the cold of winter can at times be an obstacle in the lives of the people living in cities in snowy & cold regions.
- Participants will learn from one another's case studies about city planning to overcome snow, ice, and the cold of winter and achieve comfortable winter living.
- Examples:
  - A walkable winter city (a comfortable city that makes you want to walk)
  - Creating a city that is easy for everyone to live in, even in winter (universal, inclusive city planning)

## 20<sup>th</sup> Mayors Conference Themes

### 4. Topics (working groups)

About working groups:

Group discussions open to working-level government officials, as well as businesses and academic researchers, on themes of particular interest to Member Cities, irrespective of the main theme.

① **Education in Winter Cities**

② **Tourism Policies for Winter Cities**

③ **Culture & Arts that Make the Most of Winter**



## 20<sup>th</sup> Mayors Conference Themes

### Topic ①

#### Education in Winter Cities

- Learn from one another's case studies on how to promote education that cultivates a spirit of familiarity & coexistence with snow, ice, and the cold of winter, which only cities in snowy & cold regions can have.
- Examples:
  - Unique educational activities that enable you to really experience the merits of cities in snowy & cold regions.
  - Enrichment of learning utilizing winter (winter sports, activities with families and communities, etc.)

## 20<sup>th</sup> Mayors Conference Themes

### Topic ②

#### Tourism Policies for Winter Cities

- Focus on seasons other than winter in cities in snowy & cold regions — such as pleasant summer weather, four distinct seasons, etc. — and learn from one another's case studies on making good use of those seasons in tourism policies.
- Examples:
  - Development of winter cities as year-round tourist destinations
  - Differentiation and development of the winter ice & snow tourism industries in each country
  - How to eliminate seasonal differences in demand; sustainability in tourism

## 20<sup>th</sup> Mayors Conference Themes

### Topic ③

#### Culture & Arts that Make the Most of Winter

- Learn from one another's examples of arts that make use of the unique culture created by snowy & cold regions, snow & ice, and the cold of winter.
- Examples:
  - Traditional culture in winter cities
  - Arts festivals hosted in winter cities

## 20<sup>th</sup> Mayors Conference Themes

### 5. Special Theme

#### **GX (Green Transformation) in Winter Cities**

##### About GX:

Green Transformation refers to transitioning from the fossil energy-centered industrial and social structures which have been around since the Industrial Revolution to clean energy-centered ones, leading to economic growth.

## 20<sup>th</sup> Mayors Conference Themes

### 5. Special Theme

#### G7 Sapporo Ministers' Meeting on Climate, Energy and Environment (Apr. 15, 2023)

○ On the occasion of the G7 Ministers' meeting in Sapporo, **the Hokkaido/Sapporo Declaration** was announced to pave the way for a decarbonized future. The declaration stated that Hokkaido and Sapporo would contribute to realizing green transformation in Japan and around the world, promote local energy production for local consumption, as well as revitalize local economies through their efforts on decarbonization.



#### ~Realizing the financial center for GX investment in Asia and the World~

○ Team Sapporo-Hokkaido was launched on June 23, 2023, **as a consortium consisting of 21 industry, academia, government, and financial institutions**. The consortium aims to leverage Hokkaido's renewable energy potential — the highest in Japan — to make Hokkaido and Sapporo **Japan's renewable energy supply base, the financial center for GX investment in Asia and the World**, as well as a global hub for GX related funding, talents, and information.



SAPPORO - MAKES YOU SMILE

20

## 20<sup>th</sup> Mayors Conference Schedule

21

SAPPORO - MAKES YOU SMILE

21

## 20<sup>th</sup> Mayors Conference Schedule

### 1. Schedule overview ※ Schedule is subject to change.

	Dec. 17 (Tue.)	Dec. 18 (Wed.)	Dec. 19 (Thu.)	Dec. 20 (Fri.)	Dec. 21 (Sat.)
AM	Opening Ceremony, General Assembly	Working Groups ① ~ ③	Plenary session, Closing Ceremony	Excursion	
PM	Group Sessions ① ~ ③	Midterm reports on environmental action goals Lecture on the Special Theme etc.	Press Conference City tour		Winter Cities Forum
C	Welcome Banquet hosted by Mayor of Sapporo	Dinner hosted by the WWCAM President			
	Winter Expo				

SAPPORO - MAKES YOU SMILE

22

## 20<sup>th</sup> Mayors Conference Schedule

### 2. Schedule by day

#### ○ Dec. 17 (Tue.)

Time	Program
9:30 - 11:00	Opening Ceremony, General Assembly
11:00 - 12:30	Presentations by candidate host cities for the 22 <sup>nd</sup> Mayors Conference (2028) and voting
12:30 - 14:00	Lunch
14:00 - 15:30	Group Sessions ① ~ ③ Case study presentations
16:00 - 17:30	Group Sessions ① ~ ③ Discussion
19:00 - 20:30	Welcome banquet hosted by the mayor of Sapporo

※ Schedule subject to change

SAPPORO - MAKES YOU SMILE

23

## 20<sup>th</sup> Mayors Conference Schedule

### 2. Schedule by day

○ Dec. 18 (Wed.)

Time	Program
9:30 - 10:30	Working Groups ① ~ ③ Case study presentations
10:45 - 12:00	Working Groups ① ~ ③ Discussion
12:00 - 13:30	Lunch
13:30 - 14:30	Midterm reports on environmental action goals
15:00 - 17:30	Lecture on the Special Theme
19:00 - 20:30	Dinner hosted by the WWCAM President

※ Schedule subject to change

SAPPORO - MAKES YOU SMILE

24

## 20<sup>th</sup> Mayors Conference Schedule

### 2. Schedule by day

○ Dec. 19 (Thu.)

Time	Program
10:00 - 11:30	Plenary Session, Closing Ceremony
12:00 - 12:30	Press conference
12:30 - 14:00	Lunch
14:00 - 17:00	City tour

※ Schedule is subject to change

SAPPORO - MAKES YOU SMILE

25

## 20<sup>th</sup> Mayors Conference Schedule

### 2. Schedule by day

#### ○ Dec. 20 (Fri.)

Time	Program
All day	Excursion within Sapporo or nearby

#### ○ Dec. 21 (Sat.)

Time	Program
PM	Winter Cities Forum

※ Schedule is subject to change

SAPPORO - MAKES YOU SMILE

26

## 20<sup>th</sup> Mayors Conference Venue

27

SAPPORO - MAKES YOU SMILE

27

## 20<sup>th</sup> Mayors Conference Venue

### Sapporo Convention Center

- Comprehensive international conference venue representative of Hokkaido
- About 10 min. by car from city center
- High-grade specifications with the latest equipment
- Ample experience hosting international conferences

Past examples: Meeting of APEC Ministers Responsible for Trade  
UN Conference on Disarmament  
17<sup>th</sup> WWCAM Mayors Conference



SAPPORO - MAKES YOU SMILE

28

29

## Winter Expo

SAPPORO - MAKES YOU SMILE

29



# Winter Expo

## 1. Winter Cities Showcase

### ■ Overview

Exhibitors from Member Cities will conduct PR and other activities to promote their cities to the citizens of Sapporo.

### ■ Dates & Time

Dec. 17 (Tue.) – 19 (Thu.), 2024 (3 days)

11:00 – 19:00 (tentative)

### ■ Venue

Sapporo Community Plaza  
SCARTS Mall (tentative)



# Winter Expo

## 2. Target

- Sapporo's citizens are the target audience (City population: approx. 1.97 million)
- The Sapporo Community Plaza, the event venue, is a bustling place located in the heart of Sapporo. Participating in the event is a golden opportunity to promote the attractiveness of your city to the citizens of Sapporo.
- By publicizing the event far and wide to the public, we will enhance the effectiveness of your efforts to promote the attractiveness of your city.
- Details regarding the call for exhibitors will be sent out at a later date.



## Winter Expo

### 3. Business Networking Event

- Overview

A business networking event will be held, providing a venue for companies from Member Cities to gather.

The event will create opportunities for business-to-business discussions.

- Date & Time

Half a day some time between Dec. 17 (Tue.) and Dec. 19 (Thu.), 2024

- Venue

Anticipated to be hosted at a hotel in the center of Sapporo City.

- Details will be sent at a later date.



## Winter Cities Forum

# Winter Cities Forum

## 1. Outline

### ■ Overview

This Forum will introduce the WWCAM to the citizens of Sapporo.  
Lectures by WWCAM-related personnel will also be hosted.

### ■ Date & Time

Dec. 21 (Sat.), 2024 14:00 – 16:30 (tentative)

### ■ Venue

A hall in central Sapporo



## Other

### 1. Bilateral Meetings

- Overview

Bilateral meetings (“bi-meetings”) among Member Cities or among interested parties from businesses, academic institutions, etc., will be hosted during breaks or other pockets of time during the Mayors Conference.

- Purpose

Strengthen the networking-function of the WWCAM

## Other

### 2. Collaboration with other events, international organizations, etc.

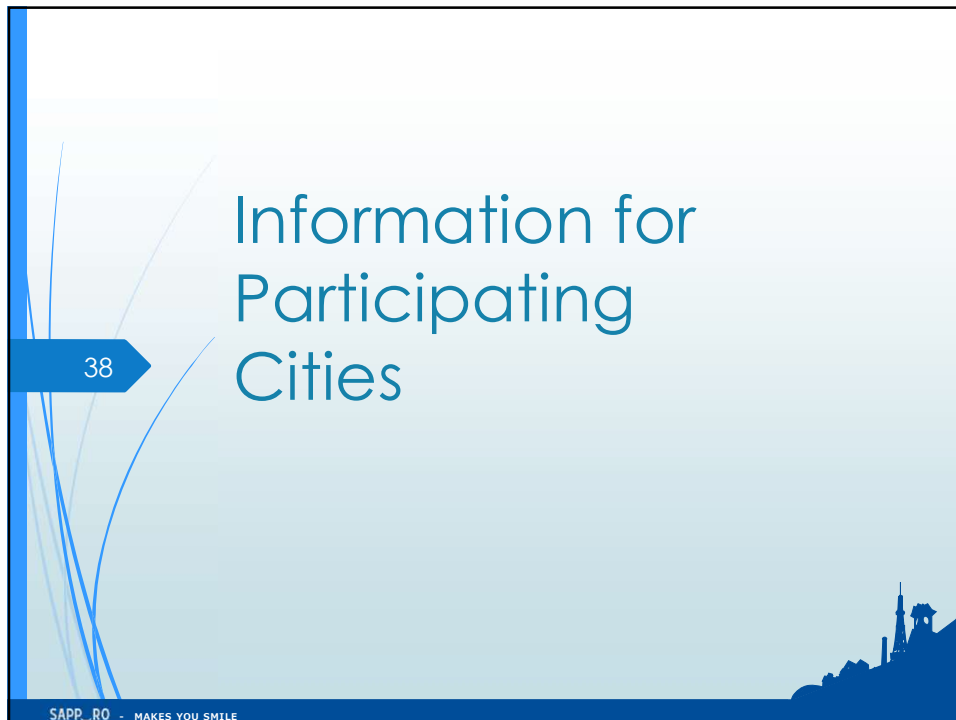
- Overview

Collaborate with organizations & groups conducting international conferences in Japan and abroad to hold discussions that include non-members of the WWCAM.

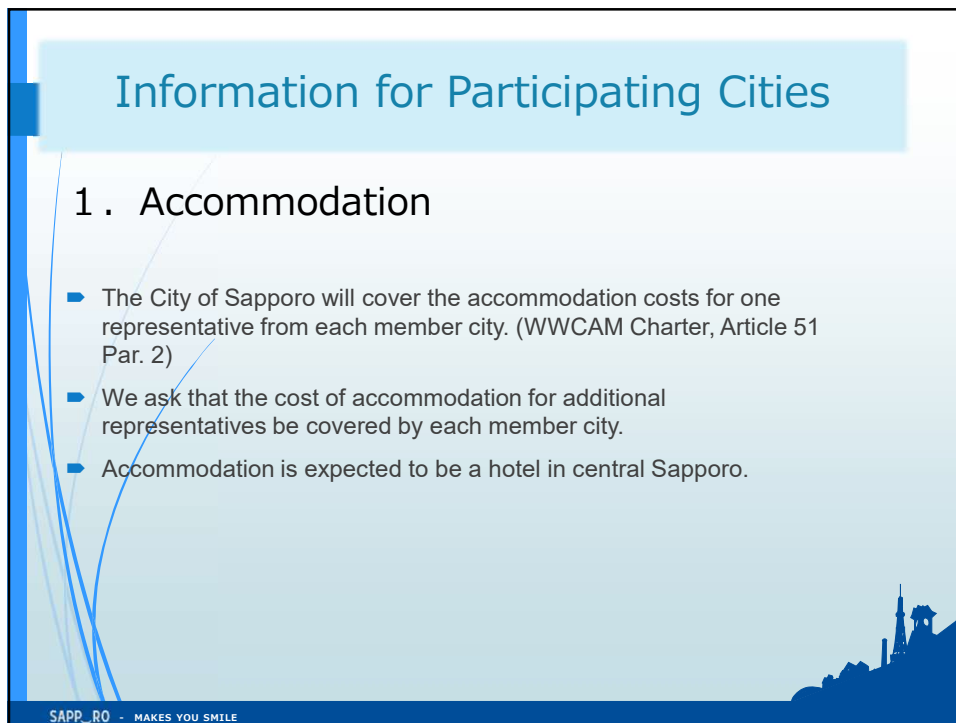
- Purpose

Invite various bodies from broader fields to participate when discussing global issues

Build a network with new groups and organizations besides winter cities



38



39

## Information for Participating Cities

### 2. Airport pick-up and transportation

- ▶ We ask that each member city arrange a round trip flight to New Chitose Airport.
- ▶ The City of Sapporo will arrange round trip transportation to/from the hotel downtown.
- ▶ The City of Sapporo will arrange in-city transportation for the duration of the conference.

SAPPORO - MAKES YOU SMILE

40

## Information for Participating Cities

### 3. Meals

- ▶ Breakfast will be provided at the hotel (fee is included in the room price)
- ▶ Lunch and dinner will be provided by either the City of Sapporo or by WWCAM each day of the Conference

SAPPORO - MAKES YOU SMILE

41

## Information for Participating Cities

### 4. Registration fee

- ▶ The registration fee for each delegate will be 350 USD
- ▶ The following is included in the fee:

Transportation to/from airport, in-city transportation,  
meals (lunch and dinner), city tours, excursion,  
conference materials

※ **Accommodation fees are not included and are to be paid separately.**

- ▶ The City of Sapporo will cover the registration fee for one representative from each member city. (WWCAM Charter, Article 51 Par. 1)

## Conclusion



## Conclusion

### 1. Our Vision

- The WWCAM offers a platform for sharing the know-how of winter cities as well as mutual learning. In order to enhance this benefit, it is significant for the WWCAM to boost its activities and grow its value as an international network.

#### 3 factors to expand our network

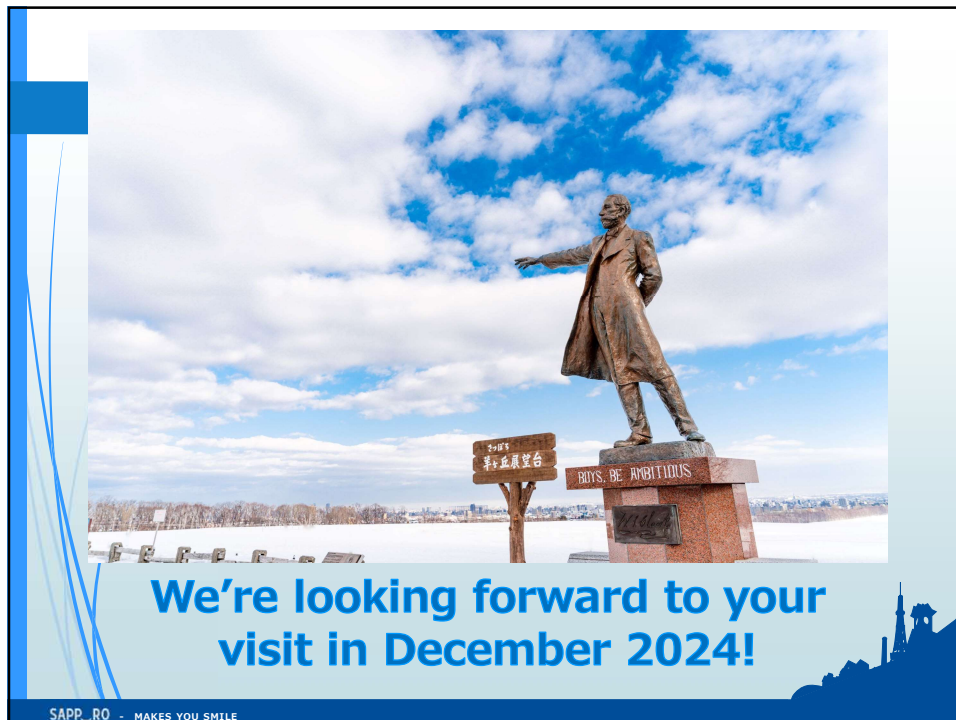
1. Groups and individuals from broader fields  
Invite businesses and academics to participate in our discussions
2. Broader contents  
Broaden the range of our discussion topics and initiatives.
3. More cities joining the WWCAM activities  
Increase the number of our members as well as observers joining our events.

The expansion will encourage our member cities to:

- Utilize the know-how and knowledge learned from other winter cities in their city planning.
- Create industry-academia-government collaborative platforms in their city.
- Foster intercity cooperation with other members.

The WWCAM will aim to:

- Further grow its value as an international network.
- Offer more opportunities for our members to gain insights into city planning and utilize the knowledge in their own city, which will also benefit their citizens as well as local businesses.



46



47