



Low Carbon City Development:
Improving Air Quality &
Reducing Greenhouse Gas Emissions

18-19 JUNE 2018
ULAANBAATAR





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GREETING MESSAGE

Honorable Batbold Sundui

Capital City Governor and Mayor of Ulaanbaatar



Honorable guests, distinguished delegates, colleagues, ladies and gentlemen,

I would like to express my sincere gratitude and appreciation to all of you for attending the 3rd Northeast Asian Mayors' Forum titled "Low carbon city development: improving air quality and reducing greenhouse gas emission".

More than 300 guests including mayors from six countries and 18 cities from the Northeast Asian region as well as policy makers and representatives of international organizations are attending this forum to discuss solutions, exchange ideas and share our knowledge and experience on one of the most pressing issues of our time, climate change, with primary focus on reducing greenhouse gas emissions on urban level.

Cities and urban residential areas are responsible for more than 70 percent of greenhouse gas emissions worldwide. Therefore, cities must play a leading role in achieving the goal of keeping the global temperature rise well below 2 degrees Celsius above pre-industrial levels, and to pursue efforts to limit the temperature increase even further to 1.5 degrees Celsius.

This forum will allow participants to exchange ideas and information on low carbon city development, solutions to urban environmental issues, most specifically policies and actions designed by cities of the region to reduce air pollution. The forum will also discuss natural resource efficient, effective technological solutions and share knowledge, experience and best practices of using such technologies in the cities of the region.

In addition, the forum will provide an opportunity for participating cities to discuss and express their views on further development of the Northeast Asian Mayors' Forum by expanding its reach and turning it into a permanent mechanism.

I'm confident that this forum will establish new partnerships, cooperation initiatives and a common platform among cities that will significantly increase the contribution of our region as well as of our cities in achieving the global goal of reducing the growing impact of climate change.

**CAPITAL CITY GOVERNOR
AND MAYOR OF ULAANBAATAR**

A handwritten signature in black ink, appearing to read 'Batbold Sundui', written over a horizontal line.

BATBOLD SUNDUI

AGENDA

Ulaanbaatar city, 17-19 June 2018

SUNDAY, 17 JUNE 2018

- 06:00 - 19:00 **Arrival of Delegates**
Location: Shangri-La Hotel
- 19:00 - 21:00 **WELCOME RECEPTION**
Location: Monet Restaurant, Central Tower, 17th floor

MONDAY, 18 JUNE 2018

Location: Shangri-La Hotel, Ballroom

- 08:30 - 09:00 **Registration**
- 09:00 - 10:20 **OPENING SESSION**
- 09:05 - 09:15 **Opening Speech:**
Honorable Batbold Sundui, Capital City Governor and Mayor of Ulaanbaatar
- 09:15 - 09:25 **Welcoming Remarks:**
H.E. Khurelsukh Ukhnaa, Prime Minister of Mongolia
H.E. Tserenbat Namsrai, Member of Parliament, Minister of Environment and Tourism
- 09:25 - 09:55 **Opening Remarks by City Delegates**
Mr. Zhang Qing, Vice Chairman of Standing Committee of Beijing Municipal People's Congress, People's Republic of China
Dr. Joon-byeong Yoon, Vice Mayor for Administrative Affairs of Seoul Metropolitan Government, Republic of Korea
Honorable Alexandr M. Golkov, Mayor of Ulan-Ude city, Russian Federation
Mr. Yu Ju Yong, Secretary General of Korea Asia Pacific Exchange, Pyongyang, Democratic People's Republic of Korea
Mr. Naobumi Higashikawa, Director for Tokyo Cap-and-Trade Program, Tokyo Metropolitan Government, Japan
Mr. Alex Heikens, Representative, UNICEF Mongolia

- 09:55 - 10:05 **Photo session**
- 10:05 - 10:20 **Coffee break**
- 10:20 - 12:30 **SESSION 1:
KEY POLICY CHALLENGES AND SOLUTIONS FOR LOW
CARBON DEVELOPMENT IN THE REGION**
- 10:20 - 10:30 **Session Introduction**
*Chairperson: Mr. Mark Koenig, Country Representative,
Asia Foundation Mongolia*
- 10:30 - 10:45 **Keynote: Cooperation between local governments and
systematic actions**
*Mr. Man Chi Lao, Program Manager, East Asia Secretariat,
ICLEI-Local Governments for Sustainability*
- 10:45 - 11:00 **Ulaanbaatar City Policy and Actions to Reduce Air
Pollution and Greenhouse Gas Emissions**
*Mr. Batbayasgalan Jantsan, Deputy Governor of
Ulaanbaatar city in charge of Green Development and
Air pollution issues*
- 11:00 - 11:15 **A Review of Air Pollution Control in Beijing: 2013-2017**
*Mr. Zhang Qing, Vice Chairman of Standing Committee
of Beijing Municipal People's Congress, People's Republic
of China*
- 11:15 - 11:30 **Seoul's Air Quality Control Policies**
*Mr. Kihyun Kim, Director for International Relations Division,
Seoul Metropolitan Government, Republic of Korea*
- 11:30 - 11:45 **Tokyo's Low Carbon Initiatives - Delivering Co-benefits for
Sustainable City**
*Mr. Naobumi Higashikawa, Director for Tokyo Cap-and-
Trade Program, Tokyo Metropolitan Government, Japan*
- 11:45 - 12:00 **Priorities of the Climate Policy of Moscow**
*Dr. Polina Zakharova, Director of the State Environmental
Protection Institution "Mosecomonitoring", Moscow,
Russian Federation*
- 12:00 - 12:20 **Q&A session**
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- 12:20 - 12:30 **Session wrap-up**
Chairperson: Mr. Mark Koenig, Country Representative, Asia Foundation Mongolia
- 12:30 - 14:00 **LUNCH**
Location: Shangri-La, Cafe Park restaurant
Poster exhibition about environmental challenges and issues will be displayed in the lobby
- 14:00 - 18:00 **SESSION 2:
LOW CARBON TECHNOLOGY SOLUTIONS AND BEST PRACTICES**
- 14:00 - 14:10 **Session Introduction**
Chairperson: Dr. Oyun Sanjaasuren, Director-Designate of External Affairs, Green Climate Fund
- 14:10 - 14:30 **Keynote: Clean vs Polluting technologies: Can Ulaanbaatar afford clean air**
Dr. Oyun Sanjaasuren, Director-Designate of External Affairs, Green Climate Fund
- 14:30 - 14:45 **Ulaanbaatar Green Affordable Housing and Resilient Urban Renewal Sector Project**
Mr. Arnaud Heckmann, Senior Urban Development Specialist, Asian Development Bank
- 14:45 - 15:00 **Challenges and Solutions to Low Carbon Development in Shenyang**
Mr. Zhao Yongsheng, Deputy Secretary General of Shenyang Municipal People's Government, People's Republic of China
- 15:00 - 15:15 **Daejeon's Road to Become an Air Quality Model City**
Mr. Eunchul Lee, Ambassador for International Relations, Daejeon Metropolitan City, Republic of Korea
- 15:15 - 15:35 **Q&A session**
- 15:35 - 15:55 **Coffee break**
- 15:55 - 16:10 **State of Atmospheric Air in Chita: Ways to Solve Air Pollution Problems**
Honorable Oleg Kuznetsov, Mayor of Chita City
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- 16:10 - 16:25 **China's Low carbon and Green Cities: Progress and Prospects**
Ms. Hu Min, Executive Director of Innovative Green Development Program
- 16:25 - 16:40 **The Implementation of Eco-Mobility Project in Suwon**
Mr. Jae Eun Lee, President of Suwon Research Institute, Republic of Korea
- 16:40 - 16:55 **Nationally Appropriate Mitigations Actions (NAMA) in the Construction Sector of Mongolia**
Ms. Bayarkham Byambaa, National Project Coordinator, UNDP Mongolia
- 16:55 - 17:10 **Ulan-Ude City's Main Activities to Improve State of Atmospheric Air**
Honorable Alexandr M. Golkov, Mayor of Ulan-Ude city, Russian Federation
- 17:10 - 17:25 **Low-carbon City Construction and Management**
Mr. Shi Jin, Vice president, Tianjin Environmental Protection Bureau, People's Republic of China
- 17:25 - 17:45 **Q&A session**
- 17:45 - 18:00 **Session wrap-up**
Chairperson: Dr. Oyun Sanjaasuren, Director-Designate of External Affairs, Green Climate Fund
- 18:30 - 20:30 **Dinner hosted by Capital City Governor and Mayor of Ulaanbaatar**
Location: Shangri-La, Ballroom

TUESDAY, 19 JUNE 2018

Location: ASEM Villa, Grand Ger

- 08:00 **Departure from Hotel**
- 09:00 - 11:20 **SESSION 3:
NORTHEAST ASIAN MAYORS' FORUM: A WAY FORWARD
AND ORGANIZATIONAL ISSUES**
- 09:00 - 09:10 **Session Introduction**
Chairperson: Mr. Batbayasgalan Jantsan, Deputy Governor of Ulaanbaatar city in charge of Green Development and Air Pollution Issues

- 09:10 - 09:30 **Keynote: Northeast Asian Mayors' Forum as a permanent mechanism**
Mr. Suren Badral, Consultant to the Organizing Committee
- 09:30 - 10:30 **Discussion on:**
- Draft outcome document
- Establishment of Forum's Secretariat
- 10:30 - 10:40 **Discussion wrap-up**
- 10:40 - 11:00 **Presentations of candidate host cities for organizing the 4th NEAMF**
Seoul city, Republic of Korea
Changchun city, People's Republic of China
- 11:00 - 11:10 **Announcing the Host City of 4th NEAMF and Endorse Joint Communiqué of the Forum**
Mr. Batbayasgalan Jantsan, Deputy Governor of Ulaanbaatar city in charge of Green Development and Air pollution issues
- 11:10 - 11:20 **Closing Speech**
Honorable Batbold Sundui, Capital City Governor and Mayor of Ulaanbaatar
- 11:20 - 11:40 **Press Conference**
Location: ASEM Villa
- 11:40 - 12:00 **Break**
- 12:00 - 13:00 **Lunch**
Location: ASEM Villa
- 13:00 - 13:30 **Arrival at Hotel**
Shangri-La hotel
- 13:30 - 14:30 **Break time at hotel**
- 14:30 - 15:30 **Photo session at the Sukhbaatar Square, Visit to the State History Museum**
- 15:30 - 17:30 **Tour of Gobi Cashmere Factory and shop at Gobi cashmere store**
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- 17:30 - 18:00 **Arrival at “Chinggisiin Khuree” Complex**
- 18:00 - 21:00 **Dinner, Mini-Naadam festival**
Location: “Chinggisiin Khuree” Complex
- 21:00 **End of program**

WEDNESDAY, 20 JUNE 2018

- 06:00 - 00:00 **Departure of Delegates**

**NORTHEAST ASIAN MAYORS' FORUM
ORGANIZING COMMITTEE**





Honorable Batbold Sundui

Capital City Governor and Mayor of Ulaanbaatar

Mr. Batbold is the Capital City Governor and Mayor of Ulaanbaatar. Prior to the position, he held positions of Head of Environment, Food and Agricultural Standing Committee, Deputy Head of Mongolian People's Party caucus, Head of Cabinet Secretariat, Minister of Justice and Home Affairs and Head of the State Structure's Standing Committee. Between 2006-2016, he was a member of the State Great Khural (Parliament).

Mr. Batbold has a Ph.D. in Public Administration from National Academy of Governance, MA in Technical Science from University of Agriculture, BA in Law from National University of Mongolia, and BA in Engineering from University of Agriculture.

He received Order of the Red Banner of Labor of Mongolia, Order of Polar Star of Mongolia, Anniversary medal for 80th and 90th Anniversary of Mongolian People's Revolution, Anniversary medal for 800th Anniversary of Great Mongol Empire.



Mr. Tserenbat Namsrai

**Member of Parliament
Minister of Environment and Tourism**

Mr. Tserenbat has been a member of the State Great Khural since 2016 and is the current Minister of Environment and Tourism. He also served as Secretariat of the State Great Khural from 2010 to 2012.

His previous work experiences include, CEO of the 'UFC' Group, Director General of the Budget Regulation and Risk Management Department of the Ministry of Finance of Mongolia, CEO of 'Transcounsel' Co.Ltd, Deputy Director of the 'Uvs Food' Company. He also has experience working for the 'Tavan Bogd' Group and Mobicom Corporation. Mr. Tserenbat holds a Bachelor of Science majoring in Finance Management and a Master of Science from the School of Computing and Technical Management, Institute of Technology Mongolia.



SESSION 1: KEY POLICY CHALLENGES AND SOLUTIONS FOR LOW CARBON DEVELOPMENT IN THE REGION



Mr. Mark Koenig

Country Representative
The Asia Foundation Mongolia

Mark Koenig is the Asia Foundation's Country Representative in Ulaanbaatar, Mongolia. Koenig has been working on governance issues across Asia for 10 years, most recently as the Deputy Director and Urban Governance Specialist for the Foundation's Program Specialists Group. Based out of Bangkok, he worked to design and support the implementation of urban governance programming in countries including Mongolia, Cambodia, Nepal and Myanmar. Koenig joined the Asia Foundation full time in 2010 from the International Security Sector Advisory Team in Geneva, Switzerland. He started with a focus on program design and research of governance issues on issues including urban governance, community policing, anti-corruption and improving public policy processes in a range of countries including Nepal, Afghanistan, Timor-Leste and Mongolia. He became the Assistant Director for the Program Strategy, Innovation and Learning unit in 2013, where he played a leading role in the Foundation's country strategic planning process as well as supported the implementation of the Foundation's strategic partnership with the Australian government. That partnership was focused on innovative methods for designing and implementing programs using adaptive management techniques and political economy strategies. Koenig holds a BA in political science from the Johns Hopkins University, and an MA with a concentration in Law and Development from the Fletcher School of Law and Diplomacy at Tufts University.

Mr. Man Chi Lao (Merlin)

**Program Manager
East Asia Secretariat, ICLEI - Local Governments for Sustainability**

Merlin leads the program team of ICLEI East Asia Secretariat since 2016. He is responsible for developing urban programs in China, Japan, Korea and Mongolia, with over 90 member cities in the region. Merlin mainly supervises projects in the fields of: Environment, Low Carbon Development, Urban Resilience, and Green Economy Growth. He is particularly familiar with project development in China and Mongolia. Before joining ICLEI East Asia, Merlin was working for the Environmental Protection Bureau of Macau SAR, China as a senior officer for four years, during which he was dedicated in the first ten-year environmental planning of Macau and the city's compliance on international environmental conventions. He also possesses expertise on GHG accounting and management and previously worked as a technical consultant at RESET Carbon, a leading sustainable and energy management consulting company based in Hong Kong and Thailand, and at academic institutes in the United Kingdom. Merlin holds a bachelor's degree in Chemistry from the Chinese University of Hong Kong, and a master degree in Sustainable Energy Systems from the University of Edinburgh.



COOPERATION BETWEEN LOCAL GOVERNMENTS AND SYSTEMATIC ACTIONS

The forum focuses on both improving air quality and reducing greenhouse gas emissions. We notice the challenges cities are facing include the lack of an effective and consistent approach, the difficulty in measuring success, and the complexity of cooperation due to political and geographic factors. At ICLEI - Local Governments for Sustainability, we believe peer-to-peer learning between local governments on low carbon development is very important to accelerate actions as cities can benchmark each other's performance.

It should also be noted that the perspectives on air pollutants and climate pollutants can be quite different between the East and West. In our region, many cities see air pollution is a more urgent issue to be solved than climate change. This presents strong implication in policy design and cooperation activities.

In this session, we will discuss the abovementioned challenges and ICLEI's approach in addressing the issues, with two example projects as demonstration, one on tackling climate change and the other on air quality improvement.

The discussion objectives include:

- Identification of key policy challenges cities are facing;
- Establishing the linkages between climate change and air pollution;
- Development of effective regional cooperation; and
- Creation of systematic actions for cities.



Mr. Batbayasgalan Jantsan

**Deputy Governor of Ulaanbaatar city in charge
of Green development and Air pollution issues**

Mr. Batbayasgalan is a lawyer by profession. Previously, he served the Secretariat of the State Great Khural from 2004-2008, Capital City Citizens' Representatives Khural as the Presidium Secretary, City Crime Prevention Coordination Council as the Secretary, Presidential Council for Religious Affairs as a Member from 2008-2012. He also worked as the Member of the Disciplinary Committee of the Courts of Mongolia from 2009-2012 and headed the Mongolian People's Party Working Group in the Capital City Citizens' Representatives Khural from 2012-2016. Since 2016, he is working as the Deputy Governor of Ulaanbaatar city in charge of Green development and Air pollution issues.



ULAANBAATAR CITY POLICY AND ACTIONS TO REDUCE AIR POLLUTION AND GREENHOUSE GAS EMISSIONS

The average temperature of Ulaanbaatar city in the last few years has increased by 2.6°C, which is 30% higher than the national average. Increase in desertification, drought, Dzug and number and frequency of natural disasters' poses the need to strengthen capacity of long and mid-term climate change adaptation and mitigation.

Continued rise in migration to the city is causing challenges such as air, soil and water pollution, environmental degradation, insufficient engineering and social infrastructure, traffic congestion and unplanned expansion of the ger districts. Air pollution levels have dramatically increased in the past 10 years, causing 2.6-3.1 times increase in SO_x, NO_x concentration.

To solve this pressing issue, Ulaanbaatar city has made bold decisions to limit migration to the city, renew air quality improvement and settlement zones, ban the burning of the raw coal, expand the engineering infrastructure and to intensify reforms in construction and transportation sectors.

The discussion objectives include:

- To present and discuss Air pollution reduction policies, measures and results Ulaanbaatar city has undertaken
- To learn more from regional cities' air pollution reduction, climate change mitigation policies, efficient technological solutions and best practices to implement in Ulaanbaatar



Mr. Zhang Qing

**Vice Chairman
Standing Committee of Beijing Municipal People's Congress
People's Republic of China**

Mr. Zhang Qing is currently Vice-Chairman and member of the Party Leadership Group of Beijing Municipal People's Congress.

Mr. Zhang Qing graduated from the Party School of the Central Committee of C.P.C., majoring in Economy Management.

The previous leadership positions he held include: Prosecutor and Deputy-Director-Level Section Chief of Secretary and Research Section of Chaoyang District People's Procuratorate of Beijing Municipality, Deputy Director and Deputy-Director-Level Consultant of Research Office of Organization Department of Beijing Municipal Committee of the C.P.C., Deputy Director of Institute of Organization and Personnel Science of Beijing, Director of Party Building of Foreign-funded Enterprises Division, Organization Division, Deputy-Director-General-Level Organizer of Organization Department of Beijing Municipal Committee of the C.P.C., Director-General-Level Deputy Secretary-General of C.P.C. Beijing Municipal Committee, Deputy Secretary-General, Director of Deputies Liaison Office, Director-General of General Office of the Standing Committee of Beijing Municipal People's Congress, Secretary-General and member of the Party Leadership Group of the Standing Committee of Beijing Municipal People's Congress.



A REVIEW OF AIR POLLUTION CONTROL IN BEIJING: 2013—2017

As the capital of China, Beijing has been leading the country in low-carbon city development. In 2013, to implement the Air Pollution Prevention and Control Action Plan adopted by China, Beijing initiated a comprehensive air pollution control program, or Beijing Clean Air Action Plan (2013-2017) which focused on reducing PM_{2.5} pollution. Under such guidance, Beijing has optimized and upgraded its energy structure, motor vehicle structure and the industrial structure in the past five years. Thanks to these efforts, the air quality in Beijing has continuously improved, and social, economic, and environmental benefit are achieved. Beijing is willing to share its experience in air pollution prevention and control with other cities.

In recent years, through large-scale pollution control, coal burning is no longer the main source of air pollution in Beijing. However, the problems of motor vehicle pollution, dust pollution and surface source pollution have become more prominent. According to the latest analysis of PM_{2.5} sources apportionment, mobile sources are still the number one source of local pollution, which accounts for 45%. The objectives of participating in this forum is to share the experience in preventing and controlling air pollution and learning measures adopted by other countries to prevent and control air pollution, especially those to control mobile sources and volatile organic compounds.



Mr. Kihyun Kim

**Director for International Relations Division
Seoul Metropolitan Government, South Korea**

Mr. Kim has served as Director for International Relations Division of Seoul Metropolitan Government since January 2017. From 2015 to 2017, Mr. Kim was on his overseas training to the U.S. for 2 years and prior to this, he was with the Korean Ministry of Culture, Sports and Tourism for his secondment. From 2013 to 2014, Mr. Kim served as Director of Tourism Business Division under the Culture and Design Headquarters and from 2011 to 2013, he was the Team Leader of Innovative Planning Team under the Social Innovation Bureau and Economic Policy Team under the Economic Planning Headquarters.

Director Kim holds a Bachelor of Arts in Public Administration from Korea University in Republic of Korea and obtained a Master of Science in Economic Development and Policy Analysis from University of Birmingham in the United Kingdom.



SEOUL'S AIR QUALITY CONTROL POLICIES

Seoul, the capital of Republic of Korea, is highly represented in its developments in e-governance, economy, and the ICT (information and communication technologies) development index. When it comes to particle pollution, however, Seoul faces new challenges in tackling the issue and struggles to find out better solutions. With its citizens' growing concerns over particle pollution, the Seoul Metro Government has created a couple of policies in securing cleaner air of the city, not just on its own but by putting its head together with those of its citizens.

In this presentation, the Seoul Metropolitan Government will share its 10 policies for clean air in Seoul, from its endeavors in car-labeling, restricting polluted vehicles in Low Emission Zones (LEZ), to promoting use of low-NOx boilers/burners and fostering research and development on air quality control. This presentation also articulates some of the initiatives led by its citizens' participation.

As for the discussion objectives, the following items are suggested:

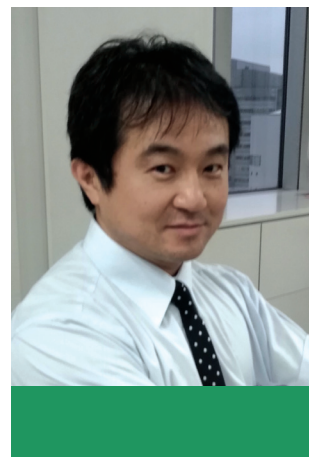
- (1) Share best practices from each participating city in tackling air pollution issues;
- (2) Discuss ideas about citizen-led initiatives in tackling particle pollution;
- (3) Talk about global cooperative initiatives to secure quality air



Mr. Naobumi Higashikawa

**Director for Tokyo Cap-and-Trade Program
Tokyo Metropolitan Government, Japan**

Naobumi Higashikawa is the Director for Tokyo Cap-and-Trade Program in Tokyo Metropolitan Government. As Director of the world first urban cap-and-trade program which has already led 25 percent reduction of CO2 emissions in Tokyo, Naobumi manages the trading scheme of the program. He is also currently involved in planning for the third-phase of the program to set the target of CO2 emission reductions in Tokyo. Naobumi joined the TMG in 1994, and is experienced in dioxin-free waste incineration plant project in his early career. He built up further career in environmental field in Diesel Vehicle Emission Control which has significantly contributed to improve air quality in Tokyo. He was heavily engaged in the project for more than 10 years, such as establishing legal scheme to control exhaust from diesel vehicle, and also building the strong partnership with neighbor municipalities. Through his rich and diverse experiences on vehicle, including noise, vibration and traffic congestion management, he became the No.1 expert on vehicle pollution control in Tokyo.



TOKYO'S LOW CARBON INITIATIVES - DELIVERING CO-BENEFITS FOR SUSTAINABLE CITY

The Tokyo Metropolitan Government (TMG) has been working on the solutions to many environmental pollution issues since 1960s, and has improved the situation of air and water quality significantly. During the process of our policy implementations, we always faced opposition from many stakeholders, but using: 1) a step-by-step approach, 2) scientific analysis of pollutants, targeted facilities and actors, estimated effect of the initiatives; and 3) simultaneous implementation of various policies, have contributed to improve the Tokyo's environmental situation.

Now, large amount of greenhouse gas that is generated due to human activities causes global climate change which impacts not only agriculture and fisheries due to drought and heavy rains, but also the living environment in urban areas.

In fiscal year 2010, TMG introduced the Tokyo cap-and-trade program, which sets mandatory CO2 emissions reduction targets for large facilities. This program is the world's first urban cap-and-trade scheme that covers office buildings. TMG showcases various climate change initiatives, including Tokyo Cap-and-Trade, examining success points and its introduction.



Dr. Polina Zakharova

**Director
State Environmental Protection Institute
“Mosecomonitoring”, Moscow, Russian Federation**

Since December 2012, Ms. Polina Zakharova has been working for the State Environmental Protection Institution “Mosecomonitoring” (SEPI “Mosecomonitoring”), which was established by the Moscow City Government in 2001. She has had more than 16 years of work experience in the field of environmental monitoring. Ms. Zakharova contributes actively to the development and implementation of programs for the environmental monitoring of ambient air, water bodies, soils and noise levels and practical use of environmental monitoring data for decision making and the implementation of state environmental oversight in Moscow. She took an active part in the Moscow Environmental Strategy development. Ms. Zakharova has been actively involved in addressing the key environmental challenges in the city. She holds a PhD degree in Technical Sciences from the National University of Science and Technology MISIS, Russia. Honoree of a number of diplomas and awards of the Moscow City Government and the Ministry of Natural Resources and Ecology of the Russian Federation.



PRIORITIES OF THE CLIMATE POLICY OF MOSCOW

The common priorities of climate policy is to unite countries and cities of the world, industry, social activists and the scientific community to develop modern approaches to reduce environmental pollution and adapt to climate change. Moscow, with its actions demonstrates its commitment to the global goals of sustainable development. Since 2006, Moscow is the first and so far, the only Russian city participating in the C40 Cities Climate Leadership Group. In 2016, Moscow became a party to the Global Agreement on Climate and Energy, thereby supporting an international initiative to combat global climate change. Moscow has two main goals: to reduce the impact on climate (reducing greenhouse gas emissions) and to adapt to climate change. The city continues to increase the use of renewable, non-traditional and secondary energy resources.

To show the great efforts are being made by the Moscow City Government in the field of environmental safety, pollution control and climate adaptation in Moscow; to share experiences and knowledges among participant cities; to establish new contacts.



LOW CARBON TECHNOLOGY SOLUTION AND BEST PRACTICES **SESSION 2:**

Dr. Oyun Sanjaasuren

**Director-Designate
External Affairs of the Green Climate Fund**

Ms. Oyun is currently the Director of External Affairs of the Green Climate Fund.

Ms. Oyun Sanjaasuren previously served as the Chair of the Global Water Partnership and the first President of the United Nations Environment Assembly of UNEP. She worked as a Member of Parliament of Mongolia (1998-2016), and served as Minister of Foreign Affairs and Minister of Environment and Green Development. One of the leading women figures in Mongolia, she chairs a number of NGOs, including Zorig Foundation and Women Corporate Directors. Ms. Sanjaasuren graduated from Karlova University in Prague and holds a Ph.D. in Earth Sciences from Cambridge University, UK.



CLEAN VS POLLUTING TECHNOLOGIES: CAN ULAANBAATAR AFFORD CLEAN AIR

- Global population PM2.5 exposure has increased by 11.2% since 1990
- PM2.5 concentrations in most cities (87.3%) exceed the suggested annual guideline of WHO which is $10 \mu\text{g}/\text{m}^3$
- Energy sector is responsible for 70% of NOx and 90% of PM2.5 emissions

Ger district of the capital city Ulaanbaatar was not originally intended for permanent settlements. The ger district that radiate from the centre of Ulaanbaatar is the result of the impromptu planning, and the rapid and uncontrolled urbanization of rural people migrating to the capital in search of economic opportunities, but also sometimes following dzud, devastating natural disasters resulting in the loss of livestock

Mongolia has not contributed too much to the climate change but has been disproportionately affected by its impacts: the temperature increase is 2.2°C, twice the global average; there is more desertification, pasture degradation, melting glaciers and permafrost thawing.

SOLUTIONS & WAY FORWARD

- GOVERNANCE, political will and public participation
- Low-emission stoves
- Clean fuel (e.g. semi-coke briquettes)
- Electrical and gas heaters
- Insulation and energy-efficient buildings
- Re-development of ger district/infrastructure
- Moving to flats/mortgage schemes
- Renewables including geothermal

Solutions lie within reach and should be based on the redefinition of prosperity to focus on the enhancement of quality of life and delivery of improved health for all, together with respect for the integrity of natural systems.



Mr. Arnaud Hekmann

**Senior Urban Development Specialist
Asian Development Bank**

Mr. Heckmann is a Senior Urban Development Specialist, in the Asian Development Bank's East Asia Department, managing urban and regional development projects and technical assistances in the People's Republic of China and Mongolia. He is an active member of the ADB's Urban Committee of Practice. He is currently based in Ulaanbaatar. Before joining ADB, he worked with various international organizations (such as World Bank, AfD, and OECD) as project team leader for designing urban and regional infrastructure and, urban and regional planning. He holds a master's degree in comparative development research from EHESS - School of High Study in Social Science, a master's degree in human geography from Toulouse university, and a diploma in Chinese language and culture from Paris University.



ULAANBAATAR GREEN AFFORDABLE HOUSING AND RESILIENT URBAN RENEWAL SECTOR PROJECT

The ger areas of Ulaanbaatar have grown under sub-standard conditions. They are highly vulnerable to climate change, and are hotspots of greenhouse emissions and air pollution. They have been fueled by rural to urban migration and continue to grow mainly due to the lack of affordable housing options in Ulaanbaatar. There is an urgent need to address this situation and provide an affordable, low-carbon and climate resilient alternative that will improve ger areas residents' access to fully served energy efficient green housing units.

The presentation will introduce the Government of Mongolia, Municipality of Ulaanbaatar, DBM (Development Bank of Mongolia), Asian Development Bank, and Green Climate Fund large-scale project that provides comprehensive, integrated, and affordable solutions for ger areas communities and leverages private sector investment to: (i) deliver 10,000 affordable green housing units, that will maximize the use of renewable energy and (ii) redevelop 100 hectares (ha) of ger areas into low carbon, climate resilient, mixed-use and mixed-income eco-districts. The project aims to lead transformational impacts on policies, institutions, and sector capacity for energy efficient construction material and techniques, effective community participation, renewable energy systems, and comprehensive urban planning that combine climate resilience, social cohesion, and economic opportunities.



Mr. Zhao Yongsheng

**Deputy Secretary General
Shenyang Municipal People's Government
People's Republic of China**

Mr. Yongsheng is the current Deputy Secretary General of Shenyang Municipal People's Government. Before taking this position, Mr. Yongsheng was the Vice Director of Shenyang Puhe New City Policy Research Office, Deputy Party Secretary of Shenbei New District Xinglongtai Sub-district, Deputy Party Secretary of Shenbei New District Xinglongtai Social Management and Services Center, Deputy Governor of Tiexi District, Deputy Secretary of Shenyang Committee of Chinese Communist Youth League and Deputy General Manager of Shenyang Gas Co.,Ltd. Mr. Yongsheng has studied at Tsinghua University School of Law and spent time teaching at the Tibet Vocational College.



CHALLENGES AND SOLUTIONS TO LOW CARBON DEVELOPMENT IN SHENYANG

Over the years, global warming, which leads to extreme weather, melting of polar ice caps and rising of sea level, has gathered great attention from the international community. Climate change has been the common challenge facing all mankind. The milestone that is The Paris Agreement presents a clear roadmap towards green and low carbon development, which is inevitable and irreversible. China has long been a responsible stakeholder by taking proactive measures in reducing carbon emission to fulfill its commitment of achieving the peak of carbon dioxide emission around 2030 and making best efforts to peak even earlier than the target date. As one of the center cities in Northeast Asia as well as an heavy industrial base, Shenyang is dedicated to the low carbon development and making the greatest efforts to realize urban sustainability.

Sharing challenges and experience in low carbon development in Shenyang, with an aim to encourage discussion and exchange in following topics:

1. Scientific planning of urban spatial layout;
2. The transformation and upgrade of industry structure;
3. Optimization of the energy structure;
4. Improving urban environment and ecological systems.



Mr. Eunchul Lee

Ambassador for International Relations Daejeon Metropolitan City, Republic of Korea

Mr. Lee joined the Ministry of Foreign Affairs in 1990. During his time at the Ministry he was a Counselor at the Korean Embassy in Italy. He previously held the positions of the Director of the Bureau for Central and South American countries, Director of the Division for Culture Exchange and Cooperation, Consul at the Korean Consulate General in Boston and Ambassador Extraordinary and Plenipotentiary to the Republic of Ecuador. In January 2018, Mr. Lee became the Ambassador for International Relations for Daejeon Metropolitan City. Mr. Lee holds a Bachelor Degree in English Literature from Korea University and spent time studying in Spain and the United States.



DAEJEON'S ROAD TO BECOME AN AIR QUALITY MODEL CITY

1. Background

- Analysis on the cause of ultra-fine dust in Daejeon pinpoints diesel cars and construction equipment, etc. as major culprits (86%)
- This result leads to a comprehensive plan to reduce the ultra fine dust centering on transportation vehicles

2. Goals

- To establish the best air quality model city among metropolitan cities in Korea
- To improve ultra fine dust concentration(PM2.5) to 18 $\mu\text{m} / \text{m}^3$ by 2020

3. Countermeasures

1) Strengthening governance

- Creating a consultative body
- Establishing automatic warning system for air quality

2) Cooperative projects for air quality

- Piloting the air pollution monitoring system
- Establishing the 'Green Way' which links parks and green spaces
- Applying LID (Low Income development) techniques
- Supporting citizens to use green energies (e.g. mini-Photovoltaics panels)

3) Raising citizens' awareness

- Reducing vehicles which cause air contamination
- Encouraging public transportation



Honorable Oleg Kuznetsov

**Mayor
Chita City, Russian Federation**

Appointed Mayor in 2016, Mr. Oleg Vasilyevich has a long history of serving the city of Chita. He has held former positions as the First Deputy Mayor, First Deputy Head of Chita City Government and First Deputy Head of Chita City Government for Urban Economy. Before his political career, Mr. Oleg Vasilyevich was Deputy Director for Heating Networks at Chita Energy, Managing Director of Chita Heating Networks and Director of the Chita Energy Complex. Mr. Oleg Vasilyevich holds a Diploma of Engineering - Specializing in Heat and Power Plants. In 1999 and again in 2001 he was awarded the honorary title 'Honored Power Engineer of the Chita Region'.



STATE OF ATMOSPHERIC AIR IN CHITA: WAYS TO SOLVE AIR POLLUTION PROBLEMS

Chita is the capital of Zabaikalsky region and is located in a temperate climatic zone with dry, sharply continental climate, low amounts of annual precipitation and a large number of sunny days. The geography of Chita is mainly represented by hilly and hilly-mountainous areas. This position, located in a basin, moderately protects from cold northern winds, however it also creates problems with mixing of air masses.

The most difficult situation develops in winter, when the amount of emissions is at its peak, and the meteorological conditions for dispersal of emissions are unfavorable. The main air pollutants in Chita are power plants, motor transport, private house boilers.

Ways to reduce air pollution in Chita

The Government of Chita has developed the following ways to reduce air pollution:

- 1) modernization of equipment for trapping harmful substances from power plants;
- 2) reduction of emissions at CHPP 1 and CHPP 2 measures were carried out to increase the efficiency of ash collectors;
- 3) installation of ultrasonic radiators;
- 4) installation of swirlers in the nozzles of pipes;
- 5) greening of urban areas.

Conclusion

Promising to see:

- 1) installation of modern electrostatic precipitators at power plants and boiler houses;
- 2) the discussion of the legislative ban on the use of boilers by industrial facilities without gas cleaning equipment;
- 3) explanatory work with the population on heat saving technologies and use of modern boilers;
- 4) expansion of the road network and transport unloading of the central part of the city;
- 5) expansion of infrastructure and routes for trolleybuses;
- 6) stimulate transfer of motor transport owners works on gas fuel.

Ms. Hu Min

Executive Director innovative Green and Development Program (iGDP)

Executive Director for Innovative Green Growth Program (iGDP), an independent think tank focusing on sub-national low carbon policies analysis. Hu Min is a Non-Resident Senior Fellow at the Tsinghua Brookings Center and Senior Fellow at Energy Innovation. Hu Min was the Program Director for Low Carbon Economic Growth Program, and Environmental Management Program at Energy Foundation China. Hu Min's research focuses on China climate policy, sustainable financing, carbon pricing, low carbon cities, as well as fossil fuel subsidies. Hu received a BA in Economics from Renmin University, MPA from Tsinghua University, and a Mid-Career MPA and is a Mason fellow from Harvard Kennedy School. Hu Min helped launch and served as the first Secretary General of the Green and Low Carbon Think Tank Partnerships of China. Hu also sits on the Steering Committee of the China Green Finance Council. Hu Min co-authored Low Carbon Development Guidelines and co-developed the BEST City Tool for China.



CHINA'S LOW-CARBON AND GREEN CITIES: PROGRESS AND PROSPECTS

With rapid urbanization and economic development, Chinese cities' greenhouse gases emissions will also increase. To address climate change and facilitate global and regional environmental governance, achieving low carbon development in the cities has therefore become an important policy priority. In this context, we developed the China Low-Carbon and Green Index for Cities (LOGIC) to measure, report, and analyze the progress made by a city as a whole. LOGIC can be used to track city performance and inform current and future policymaking.

We hope LOGIC tool can promote low-carbon development and cooperation among the cities in this region. With this analytical tool, it can help cities benchmark their progress, and learn from their peers to identify new, feasible green and low-carbon actions. It is hoped that policy-makers will use the LOGIC tool to assist their work and help cities identify improved solutions for low carbon and clean energy development, and early carbon peaking.



Mr. Jae Eun Lee

**President
Suwon Research Institute, Republic of Korea**

Aside from holding the position of President of the Suwon Research Institute, Mr. Lee is also a Professor Emeritus at Kyonggi University, Commissioner for the Presidential Committee on Decentralization and Local Autonomy and Chairman of the Committee on Decentralization and Local Autonomy in Suwon. Mr. Lee has a long academic career and has served as Vice President, Dean for Graduate Students and Professor of Economic for the Kyonggi University. He was also President for the Korean Association of Local Public Finance.



THE IMPLEMENTATION OF ECO-MOBILITY PROJECT IN SUWON

In September 2013, the Eco-mobility Suwon 2013 project was fully scaled up and implemented. Summary of the accomplishments and results are below:

- Spreading the culture of using Eco-mobility by selecting advanced theme of “establishing new future image of urban transportation” and launching systematic promotional activities.
- Securing a fresh urban environment by restoring the old downtown area.
- Opening a successful project based on active support and participation of residents (citizens), which saw a high participation rate of 99% in car movement, developed into subject of residential plans and operations.
- Raising satisfaction level of visitors through the establishment of many sights and experiential programs.
- Devising policies of private-public governance, conducting a project based on cooperative roles of the “private” and “public” sectors.

Eco-mobility could be a solution to serious traffic congestion, housing and climate issues. It is also expected to be developed into community recovery programs that encourage citizens to communicate more with their neighbors and bring them closer to each other. Suwon's first Eco-mobility model has expanded into South Africa (2015) and Taiwan (2017) and is expected to be a global trend with its focus on people and sustainability instead of the mobility. Since the successful Eco-mobility project, Suwon City also has been carrying out various projects such as Suwon Car-free Day and Station-free smart shared bike system that helped citizens improve the awareness of Eco-mobility.



Ms. Bayarlkhambayambaa

**National Project Coordinator
UNDP Mongolia**

Ms. Bayarlkhambayambaa works as National Project Coordinator for UNDP and GEF-funded 'Nationally Appropriate Mitigation Actions (NAMA) in the Construction Sector' project in Mongolia since March 2017. She has an environmental economics and finance background, and ten years of work experience in development project management and environmental financing. Her previous work experience includes: Finance analyst at Schrodgers Investment Management in Luxembourg (2015); Environmental Finance Specialist at the JICA funded "Two-Step Loan project for SME development and Environmental protection" in Mongolia (2011-2014; 2008-2009); Research analyst at the ADB Institute in Tokyo, Japan (2011); and Research assistant at OPMAC consulting firm in Tokyo, Japan (2010). Educated in Mongolia, Japan and Luxembourg, she holds a master's degree in sustainability science from the University of Tokyo and a master's degree in banking and finance from the University of Luxembourg. She is a certified expert in climate adaptation finance by the Frankfurt School of Finance and Management.



NATIONALLY APPROPRIATE MITIGATIONS ACTIONS (NAMA) IN THE CONSTRUCTION SECTOR OF MONGOLIA

The energy sector is by far the largest contributor of total greenhouse gas (GHG) emissions in the country yet it holds a higher potential for emissions reduction due to an increase in building energy efficiency. The building sub-sector alone contributes to over 11% of the overall carbon dioxide (CO₂) emissions which is higher than that from the other sectors. Despite that, there is dearth of data on energy consumption and GHG emission from end-users. Major challenges persist in measuring and monitoring energy consumption and identifying the reference baseline, which are particularly noticeable when it comes to attract financing for scaled investments in energy efficiency measures, achieving 100% compliance, and to go beyond code.

In this regard, the Government of Mongolia recognizes Nationally Appropriate Mitigation Actions (NAMA) as a comprehensive instrument to facilitate market transformation for energy efficiency in the construction sector. With financial support from the Global Environment Facility (GEF), the United Nations Development Program (UNDP) and the Ministry of Construction and Urban Development (MCUD) have been co-implementing the NAMA in the construction sector in Mongolia since 2017.

The presentation briefly introduces the project concept, objectives and activities. To elaborate on the project implementation, it describes one of its on-going initiatives, the sector-specific GHG inventory system in the building sector. Purpose, methodology, institutional setup of the inventory and design of the web-based tool will be described further.



Honorable Alexandr M. Golkov

**Mayor
Ulan-Ude City, Russian Federation**

Elected Mayor in 2012, Mr. Golkov has a long history of serving the people of Ulan-Ude. He was first elected to the Council in 2003, and has served as Chairman of the Ulan-Ude City Council of the III Convocation, Chairman of the Ulan-Ude City Council of the IV Convocation and Chairman of the Committee on Financial and Economic Affairs. Prior to getting elected as mayor, Mr. Golkov was the Directorate of the Union of Industrialists and Entrepreneurs of the Republic of Buryatia and was a teacher at the East-Siberian Technological Institute in Ulan-Ude. Mr. Golkov graduated the East-Siberian Technological Institute in Ulan-Ude and the Russian State Humanitarian University in Moscow with honors. Mr. Golkov is also founder of Joint stock company “Spetsmebel”, and First Deputy Chairman of the Union of Representative Bodies Municipalities of the Russian Federation and Honored Engineer of the Republic of Buryatia.



ULAN-UDE CITY'S MAIN ACTIVITIES TO IMPROVE STATE OF ATMOSPHERIC AIR

For municipal authorities, entering the path of improving air quality and reducing greenhouse gas emissions is a matter of competitiveness, economic growth and public health. The environmental factor is the most important factor of influence, setting certain priorities for the development of the city certain restrictions and conditions.

To address the issues aimed at reducing the level of atmospheric air pollution with polluting substances, a number of measures aimed at the organization of rational nature management and environmental protection have been included in the Program of social and economic development of Ulan-Ude City; from the centralization of heating in Ulan-Ude City to preservation of urban forests.

To show activities of Ulan-Ude City in the field of atmospheric air protection, to share experience among participant cities, to establish new contacts during the Forum.



Mr. Shi Jin

**Vice President
Tianjin Environmental Protection Bureau
People's Republic of China**

Mr. Shi Jin graduated from Tianjin University with Bachelor's Degree in Architecture in 1987 and he obtained his Master Degree and Doctorate Degree in Architecture History and Theory from Southeast University in 1990 and 1997 respectively. From 1990 to 2002, Mr. Shi Jin served as a teacher in the College of Architecture, Tianjin Chengjian University and he obtained the title of Lecturer, Associate Professor and Professor in 1996, 1997 and 2002 respectively. From 1997 to 2001, Mr. Shi Jin held the position of Vice Dean of the College of Architecture, Tianjin Chengjian University. From 2001 to 2006, he was the Dean of the College of Architecture, Tianjin Chengjian University. From 2006 to 2013, Mr. Shi Jin served as the Vice President of Tianjin Chengjian University, meanwhile he was also the Vice-Chairman of Xiqing District Political Consultative Conference of Tianjin. From 2013 to 2016, Mr. Shi Jin held the positions of Vice President of Tianjin Chengjian University, Vice-Director of Committee of Population, Resource, Environment and Urban Construction of Tianjin Municipal Political Consultative Conference, and the Vice-Chairman of Xiqing District Political Consultative Conference of Tianjin. Since mid-2016, Mr. Shi Jin moved to the Tianjin Environmental Protection Bureau and he has served as the Vice President of Tianjin Environmental Protection Bureau.



LOW-CARBON CITY CONSTRUCTION AND MANAGEMENT

Low-carbon city construction and management is a key component for cities' sustainable development. Core with this theme, this presentation introduces Tianjin's geographic condition, social and economic situation, energy and carbon emission, amongst others. It reviews the green low-carbon development course of Tianjin, from model city construction oriented by environmental protection to eco-livable city construction oriented by green low-carbon development. It is clear that Tianjin takes the ecological city construction as the guide, takes the pilot demonstration construction as the core, and carries out a comprehensive low-carbon development mode integrated by multi-areas, including energy, industry, building, transport and others. From the aspect of energy, industry, transport, building, as well as Tianjin integrated green development pilot construction, low-carbon tasks that already carried out and to be implemented in the future has been introduced, to enrich and improve the practice of Tianjin low-carbon construction management.

It is our hope that this experience sharing will not only provide reference for various countries, but also promote the deep analysis and discussion on construction and management of urban low-carbon development among various countries, giving full play to the role of the city and actively tackling climate change.

We would also like to listen to your ideas and suggestions and learn from you as much as possible. In the future, we hope to start cooperation between Tianjin and other partners worldwide in the area of low-carbon construction and management, conduct joint studies, and introduce your leading experiences and practices into Tianjin, joining hands to contribute more for the low-carbon development of the whole world.



NORTHEAST ASIAN MAYORS' FORUM: SESSION 3: A WAY FORWARD AND ORGANIZATIONAL ISSUES

Mr. Suren Badral

Consultant of the Organizing Committee

A former diplomat, Ambassador Suren Badral served as Ambassador-at-Large at the Mongolian Foreign Ministry and as Mongolia's Deputy Permanent Representative to the UN Offices at Bangkok and Geneva. Ambassador Badral worked as Chairman of the WTO Committee on Trade-related Investment Measures and Acting President of the Conference on Disarmament. He was the Founding Interim Director of the International Think Tank for Landlocked Developing Countries and a member of the Foreign Ministry's Task Force for the Mongolia-China-Russia Economic Corridor. He served as Foreign Policy Adviser to Prime Ministers and advised Foreign Ministers. Ambassador Badral earned his MA degrees from the University of Hawaii at Honolulu and the Moscow State Institute of International Relations.



NORTHEAST ASIAN MAYORS' FORUM AS A PERMANENT MECHANISM

Since Ulaanbaatar initiated and organized the first meeting of the Northeast Asian Mayors' Forum in 2014, it has organized and hosted 3 subsequent Forum meetings (2014, 2016, and 2018). Ulaanbaatar also organized a thematic meeting in 2015. Thus, the Forum has taken some form of permanent event that takes place every two years.

The Forum under the patronage of Ulaanbaatar has become a useful and popular platform among regional cities to exchange experiences and views on urban development with a focus on challenges and solutions in green development and technologies. Therefore, the time might have come to consider institutionalizing the Forum as a permanent mechanism with proper charter and structure. The presentation will look into different options and suggest a best solution. It will also propose a roadmap to achieve the Forum's institutionalization.



ORGANIZING COMMITTEE

Mr. Otgonbayar Magnaidorj

**Chief of Staff
Capital city Governor's Office
Ulaanbaatar, Mongolia**

Mr. Otgonbayar is the Chief of Staff at the Governor's Office. Previously, he was Head of the Department of Social Development Policy at Governor's Office from 2010-2016, Specialist in Department of Social Development Policy at Governor's Office from 2003-2010, Coordinator in Department of Administration at Governor's Office from 2001-2003.

He holds a Bachelor's degree in Economics from Seruuleg University. In 2015, graduated from National Academy of Governance in Ulaanbaatar.

He has received Best Employee of Sports and Physical Education award in 2008, Honorary Medal of Labour in 2012, and Order of Polar Star in 2015.





Mr. Battulga Erkhembayar

**Director
Capital City Environment Agency
Ulaanbaatar, Mongolia**

From 2002 to 2006, Mr. Battulga served as a specialist at Tourism Department of the Ministry of Road, Transport and Tourism. From 2006 to 2016 he served as the Deputy Director and Head of Department at the Ministry of Road, Transport and Tourism, Ministry of Environment and Tourism and Ulaanbaatar City Municipality Tourism Department.

He has been working as the Head of the Ulaanbaatar City Environmental Department since 2016. Mr. Battulga is also a lecturer at the School of Mathematics and Natural Sciences at the Mongolian State University of Education.

Mr. Battulga has graduated from the laboratory lyceum and Environmental Faculty of the Mongolian State University of Education, School of State Management of the National Academy of Governance and James Cook University, Australia. He holds a Master's degree in Geography and Business Administration.



Mr. Sukhbaatar Shuushingaa

**Head of Foreign Relations Department
Capital City Governor's Office
Ulaanbaatar, Mongolia**

Mr. Sukhbaatar is the Head of Foreign Relations Department at the Office of the Capital City Governor. Prior to heading the department, Mr. Sukhbaatar held the position of Director at the Tourism Agency of Ulaanbaatar City from 2009-2013. From 2006-2008, he respectively held the positions of assistant to the Prime Minister and assistant to the Vice Prime Minister.

He holds a Business Management degree from City Business College and Hospitality Management degree from the London Hotel School in United Kingdom.



NORTHEAST ASIAN MAYORS' FORUM – 2018

LIST OF DELEGATES

No	Countries	Cities	Full Name	Position
1	China	Beijing	Mr. Zhang Qing	Vice Chairman, Standing Committee of Beijing Municipal People's Congress
			Ms. Wang Rongmei	Director, Legislative Affairs Office of the Standing Committee of Beijing Municipal People's Congress
			Mr. Ma Shuguang	Director, Deputies' Liaison Office of Standing Committee of Beijing Municipal People's Congress
			Mr. Yang Zhongyuan	Deputy Director, Urban Construction and Environment Protection Committee of Beijing Municipal People's Congress
			Mr. Li Wei	Deputy Division Director, Foreign Affairs Office of the General Office of Standing Committee of Beijing Municipal People's Congress
			Ms. Lu Jianru	Division Director, Beijing Municipal Environmental Protection Bureau
			Ms. Hua Fei	Principal Staff Member, Beijing Municipal Environmental Protection Bureau
			Ms. Han Jiayi	Staff Member, Beijing Municipal People's Government
		Tianjin	Mr. Shi Jin	Deputy Director General, Tianjin Environmental Protection Bureau
			Mr. Kang Lei	Vice President, Tianjin Academy of Environmental Sciences
			Ms. Li Xiaoying	Public Servant, Tianjin Environmental Protection Bureau
			Ms. Chen Ying	Engineer, Tianjin Academy of Environmental Sciences
		Changchun	Mr. Qi Guohua	Director General, Foreign Affairs Office of the Changchun Municipal People's Government
			Mr. Zhao Huanying	Division Chief, Foreign Affairs Office of the Changchun Municipal People's Government
			Mr. Geng Hailong	Division Chief, Foreign Affairs Office of the Changchun Municipal People's Government
		Shenyang	Mr. Zhao Yongsheng	Deputy Secretary General, Shenyang Municipal People's Government
			Mr. Yan Qiwei	Division Chief, Shenyang Foreign Affairs Office
			Ms Sun Qian	Interpreter, Shenyang Foreign Affairs Office

2	DPRK	Pyongyang	Mr. Yu Ju Yong	Secretary General, Korea Asia Pacific Exchange
			Mr. Ri Son Ho	Director, External Affairs Department of People's Committee in Pyongyang City
3	Japan	Tokyo	Mr. Higashikawa Naobumi	Director, Emission Cap and Trade Section, Climate Change & Energy Division, Bureau of Environment, Tokyo Metropolitan Government
			Mr. Nagayama Yoshimasa	Deputy Director, Emission Cap and Trade Section, Climate Change & Energy Division, Bureau of Environment, Tokyo Metropolitan Government
4	Mongolia	Ulaanbaatar	Mr. Badbold Sundui	Governor and Mayor of Ulaanbaatar
		Darkhan	Mr. Azjargal Boldbaatar	Governor of Darkhan
		Zuunmod	Mr. Munkhbadral Gonchigsuren	Governor of Zuunmod
5	Republic of Korea	Seoul	Mr. Yoon Joon-byeong	Vice Mayor, Administrative Affairs, Seoul Metropolitan Government
			Mr. Kim Ki Hyun	Director, International Relations Division of Seoul Metropolitan Government
			Mr. Lee Byung Chul	Deputy Director, Air Quality Policy Division of Seoul Metropolitan Government
			Mr. Ku In Mo	Manager, Vice Mayor 1's Office of Seoul Metropolitan Government
			Ms. Cha Whayoung	Manager, Seoul Metropolitan Government
		Busan	Mr. Park Geuncheol	Director, Climate and Air Quality Division of Busan Metropolitan City
			Mr. Lee Chulhee	Team Leader, Climate Change Response Team of Busan Metropolitan City
		Daejeon	Mr. Lee Eunchul	Ambassador, International Relations of Daejeon Metropolitan City
			Ms. Choi Eunmi	Officer, Daejeon Metropolitan City
			Mr. Lee Yeongil	Officer, Daejeon Metropolitan City
Suwon	Mr. Lee Jae-Eun	President, Suwon Research Institute		
	Ms. Kim Suk-Hee	Research Fellow, Suwon Research Institute		
6	Russian Federation	Moscow	Ms. Zakharova Polina	Director, PhD, State Environmental Protection Institution
		Ulan-Ude	Mr. Alexandr Golkov	Mayor of Ulan-Ude
			Mr. Khandarkhaev Alexey	Deputy Mayor of Ulan-Ude
			Mr. Dashiev Dmitrii	Head, External Affairs Department, Ulan-Ude City Administration
			Mr. Dasheev Zhargal	Personal Assistant, Mayor of Ulan-Ude

		Mr. Ochirov Bair	Representative, Ulan-Ude City Administration in Mongolia
	Chita	Mr. Kuznetsov Oleg	Mayor of Chita
		Mr. Kosyanenko Oleg	Head, Foreign Economic Relations Department, Chita City Government
7 Others	ICLEI	Mr. Lao Man Chi	Program Manager, East Asia Secretariat
	IGDP	Ms. Hu Min	Executive Director, Innovative Green and Development Program
		Ms. Wang Yanhui	Operation Director, Innovative Green and Development Program
		Ms. Chen Meian	Analyst, Innovative Green and Development Program

