



WeGO EXCOM 2020

Rethinking Smart Cities: Agile and Connected

MOSCOW | NOVEMBER 17

PROGRAM BOOK



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WeGO Welcome Message



Kyong-yul Lee
Secretary General

Welcome to the WeGO Executive Committee Meeting 2020!

This year is extraordinary time. We are having the biggest global recession in history. A huge number of the global population is placed on lockdown. Travel is only 10% of last year. WeGO is organizing our first-ever online EXCOM. Despite all difficulties, our precious member city of Moscow offers us admirable and unwavering support for this. That's how we are here today to continue to set the agenda on smart and sustainable cities. No matter what happens, we are determined to improve the quality of life for all humanity. Calamity makes WeGO more convinced that what we are doing is what should be done toward the smart and happy world.

Today's programmes encompass the Executive Committee to decide on key issues governing the organization and future path; a high-level policy dialogue featuring the foremost minds in smart sustainable cities, urban development, and health; a forum convening citizens and experts to discuss lessons learned from the pandemic; and a workshop showcasing how WeGO is working with cities and solution-providers to develop smart city projects. Under the theme of "Rethinking Smart Cities: Agile and Connected," today's meetings challenge us to think about what a smart city should look like in the post-COVID-19 era. Through our combined efforts, we envision cities that can quickly adapt to health and other emergencies and that, more than ever, prioritize digitally connecting all their citizens to all services.

I thank every one of you for participating today and extend our gratitude to the sponsors for making this a reality. I wish you engaging and enriching experience and hope that we will foster new relationships and opportunities to collaborate on our journey to creating smart and sustainable cities for all.


Kyong-yul Lee

Host Welcome Message



Sergey Cheremin

Minister and Head of Department for
External Economic and International Relations

Dear Delegates of WeGO EXCOM 2020, Dear colleagues,

On behalf of Moscow City Government, it is my great pleasure and honor to host the WeGO Executive Committee Meeting this year and welcome you all.

It is no coincidence that the topic of this year's meeting is outlined as "Rethinking Smart Cities". Due to the global pandemic, we are all faced with an urgent problem to revise the work of city authorities, services, and schools, social and transport infrastructure, not to mention the work of healthcare facilities.

At the same time, we cannot stop the implementation of urban projects that are underway. Each and every one of you, reading this, working in your own professional areas, have an idea of the scale of work, decisions, responsibility, city authorities have envisaged.

Beyond all doubt, in such a difficult period for the whole world, the priority of city leaders is the internal situation, the problems of citizens. It also seems that the pandemic not only affected the cities and countries as separate units, but also created a certain estrangement and distance between them – with borders closed, international offline communication limited and people alarmed about their and their close ones' wellbeing.

This is exactly the situation, where uniting in tackling similar or common problems and challenges related to city management, functioning of online government, as well as brainstorming for best solutions, is particularly important. WeGO EXCOM meeting seems to be the perfect tool and platform to renew this positive practice of «sharing and caring» our common goals, aspirations, hopes and actions.

The pandemic showed us how crucial borrowing competently from each other's experience is. Moscow has tirelessly followed the experience of many foreign cities and countries, including Seoul, Asian and European cities. Moscow has shown good results in handling the pandemic in terms of social support, provided to vulnerable segments of the population, economic support to SME's and medical assistance, provided by city's medical system. Moscow Government is actively sharing its results with many international partners already and we will be glad to expand this practice with partners from WeGO.

I am sure that very soon we will be able to meet in Moscow, share smiles, live communication and make common plans for the future.

A stylized, handwritten signature in dark ink, consisting of a large, flowing 'S' followed by several loops and a final horizontal stroke.

Sergey Cheremin

Program at a Glance

(All times are indicated in GMT+3 time.)

Program	Time
Master of Ceremonies: Daniel Hawkins, <i>News Anchor and Correspondent, RT International</i>	
Check-in & Technical Check	08:00 - 08:50
Pre-Announcements - Promotional Videos from WeGO and EXCOM Sponsors	08:50 - 09:00
Opening Ceremony	09:00 - 09:30
Welcome Remarks - Sergey Cheremin, <i>Minister and Head of Department for External Economic and Internal Relations, Moscow</i>	
Opening Remarks - Kyong-yul Lee, <i>Secretary General, WeGO</i>	
Congratulatory Remarks - Sergey Morozov, <i>Governor, Ulyanovsk Region</i> - Dato' Sr Hj Rozali Bin Hj Mohamud, <i>Mayor, Seberang Perai</i>	
Showcase of WeGO's 10th Anniversary Video	
High-Level Policy Dialogue: How are Smart Cities Advancing in the COVID-19 Era?	09:30 - 10:40
The plenary session of EXCOM will explore how health policies integrate with smart city development. Experts will discuss what cities and organizations are doing to adapt to the new environment COVID-19 has brought about.	
Keynote Speech - Shipra Narang Suri, <i>Chief of Urban Practices Branch, Global Solutions Division, UN-Habitat</i>	
Discussion Panel MODERATOR - Sunil Dubey, <i>Institutional Advisor of University of Sydney & Special Advisor of Smart Cities FMDV</i> SPEAKERS - Eduard Lysenko, <i>Moscow Government Minister, Head of the Department of Information Technologies</i> - Jung-hoon Lee, <i>Chairman, Smart City Committee, Seoul Metropolitan Government</i> - Jerome Kim, <i>Director General, International Vaccine Institute</i> - Graham Colclough, <i>Founding Partner, UrbanDNA</i> - Ogan Gurel, <i>Professor, Solbridge International School of Business & Daegu Gyeongbuk Institute of Science and Technology</i>	
Online Coffee Break	10:40 - 11:00
<i>Matchmaking Meetings Smart City Quiz</i>	
EXCOM Meeting 2020 Open Session	11:00 - 12:55
Annual meeting of WeGO's Executive Committee, open to all members, non-members, and partners.	
4th WeGO Awards Pre-Ceremony	12:55 - 13:10
Award ceremony to honor the winners of the 4th WeGO Awards, WeGO's triennial competition that recognizes and promotes smart initiatives that use ICT to improve the quality of life of citizens.	

(All times are indicated in GMT+3 time.)

EXCOM Meeting 2020 | Closed Session

13:10 - 14:15

Second part of the annual meeting of WeGO's Executive Committee, open exclusively to EXCOM members.

Citizen Engagement: (Re)connection in the New Reality

13:10 - 14:15

As a part of the Smart Health Responder Webinar series, this session focuses on the challenges and solutions associated with the COVID-19 pandemic by providing participants a direct look into the lives of five citizens around the world.

Moderator

- Kyle Farrell, *Urban Economist, Economic Pulse Analytics*

Speakers

FILMMAKERS

- Joon Hyok Jo | *'Breakthrough' (Goyang)*
- Dina Zalaltdinova | *'EAT LOVE LIVE' (Milan)*
- Byung-Joo Rho | *'New Normal - Adapting changes in our real life' (Seongnam)*
- Olga Koroleva | *'The New Reality' (Mexico City)*
- Earl Burgos | *'Education in a Pandemic' (London)*

EXPERTS

- Youngtae Cho, *Professor, Graduate School of Public Health, Seoul National University*
- John Park, *Regional Director & Producer, JW Crony*
- Jeong Hyop Lee, *Vice President, Data Alliance*
- Natalia Mykhaylova, *CEO, WeavAir*

Online Coffee Break

Virtual Tour of Moscow | Smart City Quiz

14:15 - 14:45

Designing Solution Packages with the WeGO Smart City Driver

14:45 - 15:45

Interactive online workshop on the WeGO Smart City Driver with local government representatives showcasing how they designed solution packages that suit their needs and address their pressing urban challenges.

Moderator

- Sofia Lee, *Program Officer, WeGO*

Speakers

- Martins O. Dibang-Achua, *Program Specialist, Abuja*
- Safaa Karaki Aldwaik, *Director of GIS & IT Department, Ramallah*
- Philip Bane, *Managing Director, Smart Cities Council Inc.*
- Remy Kalter, *Head of Public Affairs, Solar Impulse Foundation*

Closing Ceremony

15:45 - 16:15

Closing Remarks

- Sergey Cheremin, *Minister and Head of Department for External Economic and Internal Relations, Moscow*

Announcement of the Winners of the '(Re)connection in the New Reality' Video Contest

Online Concert by Moscow Symphonic Orchestra | Conducted by Mikhail Shekhtman

16:15 - 17:45

World renowned classical music pieces perform in the best music halls of Moscow.

Technical Guide

The EXCOM Meeting 2020 is held on a customized platform called DVMS, developed by the host city Moscow. The platform can host up to 1000 people and has functions for parallel sessions, simultaneous interpretation, polling, subtitles, advanced moderation, among others.

The system is customized for the WeGO EXCOM 2020, and thus observers will be able to find all event resources and support built into the system. DVMS has an intuitive interface that is simple to navigate. It is fully online and does not require installing any additional software on your computer or phone.

There are also convenient functions like WeBOT and a chatbox to allow users to interact directly with other participants, the system, and with technicians. Participants can also set up profiles to ensure that they have access to all the right sessions and can connect with other participants via matchmaking.

See more guidelines related to the interface of the platform below.

The image shows a screenshot of the WeGO EXCOM 2020 web interface. The interface is divided into a left sidebar, a central content area, and a right sidebar. The left sidebar contains a 'COLLAPSE' button and a list of menu items: About, Stream, Program, Settings (highlighted), Speakers, Meetings, Exit, WeBOT, and a language dropdown set to English. The central content area is titled 'Account Information' and shows a user profile for 'Mr. Account'. The right sidebar also has a 'COLLAPSE' button and a list of menu items: About, Stream, Program, Settings (highlighted), Speakers, Meetings, Exit, WeBOT, and a language dropdown set to English. Red callout boxes with lines pointing to specific interface elements provide detailed instructions:

- About:** Click here to find information about the WeGO EXCOM 2020, including an overview of the program.
- Stream:** On the day of the event, the broadcast can be found here. There will be two broadcasts, one in English and one in Russian.
- Program:** Click here to find a downloadable program in English and Russian, as well as the WeGO EXCOM 2020 Agenda Book.
- Settings:** You can control your profile by clicking here. Functions include updating your profile information, changing your password, and uploading your headshot.
- Speakers:** WeGO EXCOM features 29 speakers from various areas such as smart city development, urban development, research, ICT, public administration, and many more. Click here to learn more about each of our experts and contributors.
- Exit:** Securely logout if you are using a public computer. (You can log back in anytime by entering your username and password.)
- WeBOT:** Click on WeGO's very own chatbot, WeBOT, to get personal assistance, receive notifications, participate in the Smart City Quiz, and vote for the best video of the Citizen Engagement Session!
- English:** Click here to change the language from English to Russian, and vice versa.

LINK: <https://wegoexcom2020.com/en/>

WeGO EXCOM Meeting 2020

ABOUT THE EXCOM MEETING

The WeGO Executive Committee (EXCOM) assists in the operations of WeGO and provides support for WeGO projects and activities. The Committee convenes annually in a host city selected through an official bidding process or that is hosting the General Assembly in the same year. Invited observers representing non-EXCOM local governments, corporations, and institutions are also allowed to take part and share their opinions in regular meetings.

MEETING OVERVIEW

I. Open Session

1. Opening Announcement
2. Welcome Remarks by Moscow
3. Introduction of Participants and Overview of the Meeting Schedule
4. Adoption of the Agenda for WeGO EXCOM 2020
5. Review of the Meeting Memorandum of WeGO EXCOM 2019
6. Discussion and Decision on Official Agenda Items:

Agenda 1: Review of 2019-2020 WeGO Secretariat Annual Report

Agenda 2: Approval of New Memberships & Withdrawals

Agenda 3: Annual Assessment of WeGO Regional Offices

Agenda 4: Review of New Regional Office Proposals

Agenda 5: Review of Proposed Amendments to WeGO Statutes

<Short Break>

Agenda 6: Approval of Host of the 5th General Assembly and Information on Elections of President and Appointment of Vice President Cities and Executive Committee Members for Next Term of 2020-2023

Agenda 7: Information on the 6th WeGO General Assembly

Agenda 8: Information on WeGO's 2030 Masterplan

Agenda 9: Upcoming WeGO Activities for 2021

7. Closing Remarks by the Chair

8. Open Session Adjourns

II. Closed Session

9. Discussion and Decision on the Remaining Agenda Items

Agenda 10: Review of 2019-2020 Financial Report & Strategy

Agenda 11: Approval of Membership Fee Use for 2021

10. Closed Session Adjourns

EXCOM MEMBER PARTICIPANTS



Moscow

Sergey Cheremin

Minister and Head of Department for
External Economic and Internal Relations



Addis Ababa

Tewodros Negussie

Senior Research and Training
Expert, ICT Development Agency



Beyoğlu

Melis Kaplangi

Head of Foreign Affairs



Bucharest

Mirela Minca

Executive Director for Foreign
Relations and Protocol



Chengdu

Suman Liu

Deputy Division Chief



Goyang

Jungmin Ham

Vice Team Leader,
Smart City Department



Hebron

Osama Dweik

Head of IT Department



Makati

Mar-Len Abigail Binay

Mayor



Nairobi

Truphena Ogonda

Acting Director, ICT and
e-Government Department



Ulaanbaatar

Chinzorig Otgonsuren

Head of Metropolitan Department
of Information Technology



Ulyanovsk Region

Svetlana Openysheva

Advisor to the Governor



Seberang Perai

Dato' Sr Hj Rozali Hj Mohamud

Mayor

ON VIDEO



Mexico City

Regina Garduño Niño

Program Manager

NEW REGIONAL OFFICE BID



Abuja

Abiodun Esset

Special Advisor to the Chairman

Detailed Program

OPENING & CLOSING CEREMONIES



Moscow

Sergey Cheremin

Minister and Head of Department for
External Economic and Internal Relations



WeGO

Kyong-yul Lee

Secretary General



Ulyanovsk Region

Sergey Morozov

Governor



Seberang Perai

Dato' Sr Hj Rozali Hj Mohamud

Mayor

MASTER OF CEREMONIES



Daniel Hawkins

RT International | News Anchor and Correspondent

Daniel Hawkins is a news anchor and correspondent for RT International. Before moving to Moscow, he worked as a broadcast journalist and reporter for RT UK. In the field, Daniel has covered such major stories as the European migrant crisis, Greece's economic turbulence and subsequent bailout referendum, as well as various parliamentary and presidential elections in Europe and Russia. As a presenter, he regularly reports on key geopolitical events and breaking news stories, including the recent European terrorist attacks and the Turkish coup attempt. During his time at RT, he has interviewed many high-profile guests, including former president of Afghanistan Hamid Karzai, former president of the Czech Republic Vaclav Klaus, actors Natalie Dormer and Sam Claflin, and football star Eidur Gudjohnsen. Daniel Hawkins graduated from University College London, where he studied Politics and East European Studies.

As the plenary session of EXCOM, this policy dialogue serves to open the discussion on health and smart cities. It will explore how cities and organizations have been adapting to the new environment COVID-19 has brought about. Leaders of smart cities will be invited to discuss the changes in city management post-COVID-19, while chief officials from international health organizations will be asked to share their insights on changes to health perception and management. Moreover, a medical expert will be invited to present on the current status of vaccine development and the challenges that the clinical sector is facing to fight against infectious diseases.

Overall, this session aims to address the question, “How are smart cities advancing in the COVID-19 era?”

KEYNOTE SPEECH



Shipra Narang Suri

UN-Habitat | Chief of Urban Practices Branch, Global Solutions Division

Dr. Shipra Narang Suri is an urban planner with a Ph.D. in Post-War Recovery Studies from the University of York, UK. She leads UN-Habitat's Urban Practices Branch, which is the hub for UN-Habitat's normative work and the home of its portfolio of global programmes. The work of the Branch covers all major areas of UN-Habitat's work such as national urban policies; legislation and governance; urban planning and design; planning and health; public space; urban regeneration; land, housing and shelter; urban economy and finance; urban basic services; safer cities; human rights and social inclusion. Shipra is also the senior advisor within UN-Habitat for local governments and their networks.

PANEL DISCUSSION



Sunil Dubey

Moderator

Smart Cities FMDV | Special Advisor
University of Sydney | Institutional Advisor

Dr. Sunil Dubey is a thought leader in urban innovation, smart cities and knowledge networks. He received his PhD from the University of Sydney on governance of public assets. He teaches at Sydney, an associate ICS Western Sydney University and sits on academic advisory boards. He is a founding members of Geneva foundation for governance and public policy, which operates Centre de Recherche pour la Sécurité et le Développement and Geneva graduate school of governance. Sunil was a Metropolis Ambassador and senior advisor to Metropolis Secretariat, Barcelona until June 2018, an executive board member of Citiscope Publications (Thompson Reuters) and a member of World Economic Forum's advisory board for Urban Development. Sunil is currently working in the NSW Govt, based in Sydney.



Eduard Lysenko

Moscow Government | Minister and Head of the Department of Information Technologies

The team of the Department of Information Technologies of the city of Moscow, under the leadership of Eduard Lysenko, is working to ensure that the opportunities provided by information technologies today help every resident of Moscow to get information that is relevant to them, to quickly solve important issues and save the most valuable thing they have—time. Over the past years the informatization and automation of the branches of the municipal economy have successfully passed. Have appeared unique information systems in the spheres of education and health care, which have no analogues in the world. Has constantly grown a number of city services that can be obtained online on one resource—the portal of the Mayor and the Government of Moscow.



Jung-hoon Lee

Smart City Committee, Seoul Metropolitan Government | Chairman

Jung-hoon (John) Lee is currently Professor of Technology & Innovation management at the Graduate School of Information, Yonsei University, Seoul, Korea. He is also currently serving as the chair of the Smart City Committee for the Seoul Metropolitan Government and on the board of directors of Seoul Digital Foundation, the think-tank institution for Smart City policy development (2019*). Prof. Lee is recognized as one of the leading smart city experts around the globe and has been involved in several leading smart city projects sponsored by the South Korean government.



Jerome Kim

International Vaccine Institute | Director General

Jerome Kim, M.D., is the Director General of the International Vaccine Institute (IVI) and an international expert on the evaluation and development of vaccines. His depth and breadth of scientific experience spans basic research through advanced clinical development. IVI's oral cholera vaccine, tech-transferred to Shantha Biotechnics (currently part of Sanofi) and EuBiologics and prequalified by the WHO, is used around the world to prevent this deadly diarrheal disease.



Graham Colclough

UrbanDNA | Founding Partner

Graham is a highly experienced international executive, having lived and worked in multiple countries, initially in upstream oilfield development and corporate roles with the oil giant Shell, then addressing strategic and operational business transformation across multiple sectors with the global advisory firms, Gemini Consulting and Capgemini. In 2014, Graham launched a specialist advisory partnership, UrbanDNA, focused solely on cities, and working with institutional multipliers and investors to drive scale transformation in the cities market. Graham brings leadership, innovation, and dynamism to his work—with a passion for seeing outcomes that change the market and deliver a better future.



Ogan Gurel

Solbridge International School of Business | Professor

Daegu Gyeongbuk Institute of Science and Technology | Professor

Ogan Gurel, M.D., holds academic appointments as a Visiting Professor at the Solbridge International School of Business and Visiting Teaching Professor at DGIST (Daegu Gyeongbuk Institute of Science & Technology), with previous DGIST positions as Vice-Chair & Distinguished Invited Professor in the Management of Innovation. His research focuses on protein electrodynamics as applied to terahertz medicine as a basis for novel diagnosis and therapies.

Matchmaking Meetings

10:40 - 11:00

Prescheduled matchmaking meetings will take place during the first coffee break (10:40-11:00 MSK) between WeGO EXCOM 2020 sponsors and partners from the WeGO network. Participants in matchmaking meetings will individually receive a ZOOM access link to each meeting on the day of the event. Please follow the link to access the meetings at the designated time. In case of technical difficulties, please contact the technical assistance team with the contact listed on the EXCOM online platform.

Established in 2011, the WeGO Awards is WeGO's triennial competition that recognizes and promotes local governments with exemplary projects and solutions that use ICT to improve the quality of life of citizens.

Read more about the winners of the latest edition of the WeGO Awards below.



GOLD



SILVER



SPECIAL MENTION

Efficient Government

Public Service Delivery, Accountability, Service Integration, Breaking Down Silos, Interoperability

Goyang

Goyang Smart City

Moscow

My Moscow App

Makati

The Makatizen Card Project

Emerging Technology

Latest ICT innovations such as AI, Drones, Blockchain, Virtual and Augmented Reality, Edge Computing

Seongnam

A City of Opportunity
Powered by Drones

Jeju

High-Precision Bus Location
Information Service

Lima

Visualization and Measurement of
the Air Quality using Low-cost Sensors
and Interactive Totems

Mobility

Efficient Transport, Intelligent Transport
Systems, Mixed-Modal Access,
Integrated ICT Infrastructure, Parking

George Town

Green Connectivity

Belo Horizonte

SIU Mobile - Belo
Horizonte's Mobility App

Tehran

Interactive Bike App

Open and Inclusive City

Citizen Participation, Open Data and Privacy,
Transparency, Bridging the Digital Divide,
Participatory Budgeting, Living Labs, Crowdsourcing

São Paulo

Free Fab Lab, SP Network

Jakarta

Jakarta Smart City

Sejong

Sejong& Project

Safe City

Security, Emergency Response, Gas and
Fire Detection, Infrastructure Management,
Disaster Response

Mexico City

My Safe City

Belo Horizonte

Prevention of Violence and
Sexual Harassment Against
Women in Public Transport

Goyang

Smart IoT Walkways

Sustainable City

Green ICT, Waste Management, Water
Management, Circular Economy, Lighting,
Buildings, Resources Management

Istanbul

Ship Generated Marine
Pollution Controls with
Camera systems and Drones

Mashhad

Mashhad SIMAP Application

Iskandar Malaysia

Sungai Segget
Rejuvenation Project

This session aims to move beyond a discussion solely focused on the challenges and solutions associated with the COVID-19 pandemic by providing members and participants a direct look into life on the ground in cities around the world.

As people are coping with a new reality, WeGO will provide a platform for them to share the challenges and changes they are facing. This will be done through pre-recorded footage of the daily life of ordinary citizens and a discussion about their experiences with experts in urban economics, data and smart technology, population health and film-making.



Kyle Farrell Moderator

Economic Pulse Analytics | Urban Economist

Dr. Kyle Farrell is the Managing Partner and Chief Urban Economist for Economic Pulse Analytics, a boutique consultancy that provides economic and population forecasts for governments, allowing them to make more informed decisions about their future. Dr. Farrell's work takes place at the crossroads of urban economics, population dynamics and international development. He has more than 10 years of experience working globally for international organizations, universities and think tanks. He has held academic appointments at the KTH Royal Institute for Technology (Stockholm) and Harvard University (Cambridge) and is widely published in academic and popular media outlets. Dr. Farrell regularly consults for the United Nations and serves as a Board Member for the Block by Block Foundation. In his spare time, he enjoys playing tennis and running.

EXPERTS



Youngtae Cho

Seoul National University | Professor, Graduate School of Public Health

Dr. Youngtae Cho is professor of demography at the Graduate School of Public Health, Seoul National University (SNU). Dr. Cho and his research team at SNU Population Research Lab conduct research on the future social and market impacts of current population dynamics, population conditions best for nation's sustainable economic development, and the relationship between physical and/or psychological density and the lowest low fertility in Korea. Since 2015, he has been appointed by the Vietnam government (General Office for Population and Family Planning) as population policy advisor.



John Park

JW Crony | Regional Director, Producer

John is the Regional Director of JW Crony worldwide and Producer of diverse international projects, which focuses on the new technology of Industry 4.0 revolution as the concepts with innovative formats as in cross-media. He has worked with diverse governmental partners & global entities like Samsung VR(H.Q) in frontier projects. From Germany to Korea, he has a background in multimedia, broadcasting, and international content business as one of the representative producers in the media market, like MIP. He got the special selection award from IPAF Seoul 2019. And recently, he has shown the potential of smart technology in diverse fields as in [5G 24H UNESCO], [Traveler-E] Robot.



Jeong Hyop Lee

Data Alliance | Vice President

Jeong Hyop LEE is an Executive Vice President of Data Alliance where he has planned smart city projects including the smart city challenge of preliminary (2019) and main (2020~2022) consortium on Mobility as a Service (MaaS), Safety and Environment, MaaS data ecosystem consortium (2020), and regulation sandbox on IoT and personal data (2020). He has also developed international smart city businesses for Thailand (2017~2020), Indonesia (2019~2020), and Mongolia (2020~2021). He has advised on smart

city export promotion strategies for the ASEAN Smart City Network (2019) partnership and the Korea Land and Housing Co. (2020~2021), and has been invited to speak at smart city conferences such as the World Smart City Expo (2019) and the ROK-ASEAN Smart City Fair (2019). Before he joined Data Alliance, he used to work for Korean government policy institutes, including the Science Technology Policy Institute and the Korea Information Society Development Institute.



Natalia Mykhaylova

WeavAir | CEO

Natalia Mykhaylova has a PhD in Chemical Engineering from the University of Toronto, BSc in Pharmaceutical Chemistry, and over 10 years' experience with developing sensors, IoT products, and algorithms for improving operations, as well as health and productivity outcomes using sensor data. She has experience with adapting tech for industrial, healthcare, commercial, and transportation systems. She has been named Corporate Knights Top 30 Under 30 in Sustainability, Clean Top 50 Emerging Leaders and has received over 15 awards.

FILMMAKERS



Joon Hyok Jo

'Breakthrough'

Goyang



Dina Zalaltdinova

'EAT LOVE LIVE'

Milan



Byung-Joo Rho

'New Normal - Adapting changes in our real life'

Seongnam



Olga Koroleva

'The New Reality'

Mexico City



Earl Burgos

'Education in a Pandemic'

London

VIDEO CONTEST

As part of the Citizen Engagement: (Re)connection in the New Reality session, participants are invited to vote for the best video. Voting will be available through the WeBOT from 14:09 MSK, and can be done by typing in the number corresponding to your video of choice. Please note that only one video can be chosen and all voting will end at 15:00 MSK. The winners of this contest will be announced during the closing ceremony at 16:00 MSK.

WeGO launched the Smart City Driver to help cities plan, finance, and deploy their smart city projects by inviting cities to design solution packages—a combination of multidimensional solutions that incorporate hardware, software, capacity building, and governance—and connect with strategic partners that can assist in realizing the solution packages.

WeGO invites all interested cities searching for ideal solutions for their pressing urban challenges and international partners to realize their brainstormed solution packages to join in this “hands-on” online workshop on the Smart City Driver showcasing how selected WeGO member cities have designed their solution packages and what the next steps are in implementing the designed solution packages.

**Sofia Lee****Moderator****WeGO** | Program Officer**Martins O. Dibang-Achua****Abuja** | Program Specialist

Martins O. Dibang-Achua is a strong advocate for smart and sustainable cities and achieving thriving economies through technology-driven processes. He works as a Programs Specialist with Digizens Collaborative in Abuja as they continue to foster a culture of leadership and governance in local government administrations across Nigeria that results in sustainable digital transformations while improving the overall liveability of Nigerian cities.

**Safaa Karaki Aldwaik****Ramallah** | Director of GIS & IT Department

Dr. Safaa Karaki Aldwaik is the Director of GIS & IT Department at Ramallah Municipality, Palestine. Dr. Aldwaik leads the “Ramallah Smart City” project.

**Philip Bane****Smart Cities Council Inc.** | Managing Director

Philip Bane has an extensive background in technology development and sales. For the last ten years, he has actively pursued developing data solutions for sustainability and resilience. Trained as a tax and business lawyer, Philip has completed a great number of business transactions, owned businesses in the US, Russia and India and took First Virtual public in 1996 as its General Counsel (later purchased by Softbank.) Philip was also US Army Ranger qualified while serving in the military.

**Remy Kalter****Solar Impulse Foundation** | Head of Public Affairs

Remy Kalter currently heads up the political engagement of the Foundation with its various partners including the European Commission and French government, with a view to demonstrating that protection of the environment has become financially viable and indeed a great driver of economic growth in and of itself. His team works with government entities to identify solutions – technologies, processes and services that can be implemented on their territories to demonstrate this reality.

Special Programs

Smart City Quiz

Coffee Breaks

How Smart City smart are you? Take this quiz to see how much you know about what cities are doing to become hyper-connected! Please follow the instructions on the WeBOT to access the questions.

Virtual Tour of Moscow

Coffee Break II

This virtual tour gives observers an exclusive look into the smart technologies that the Moscow Government is operating to enhance citizen mobility, healthcare, and public service.



Center of Traffic Organization of Moscow

We invite you to become a participant of a virtual tour, where Moscow will show how the Intelligent Transport System works, how the city experts deal with traffic jams, control traffic lights, monitor city ground transport and inform drivers.



Moscow Healthcare Teleworking Center

We invite you to a video tour from the Healthcare teleworking center, where specialists provide remote assistance for patients with coronavirus infection, who are in home treatment.



Moscow Government Services Center

There are 130 Government services centers in Moscow where citizens can receive all kinds of governmental services. We invite you to see how the center works from the inside and how the infrastructure of the centers and service delivery processes are organized.

Online Concert by Moscow Symphonic Orchestra | Conducted by Mikhail Shekhtman

16:15 - 17:45

World renowned classical music pieces performed in the best music halls of Moscow.

PROGRAM

- 1) Moscow Philharmonic Tchaikovsky Concert Hall with Russian National Orchestra: Beethoven Overture 'Egmont'
- 2) Rachmaninoff Hall of Moscow Conservatory on the grand piano Shigeru Kawai EXL
 - Rameau's 'Le Rappel des Oiseaux'
- 3) Great Hall of Moscow Conservatory leading Moscow Symphony Orchestra 'Russian Philharmonic'
 - Mozart Piano Concerto 23 Adagio - Finale. Allegro assai
 - Stravinsky 'The Firebird' Orchestral Suite 1919
 - Infernal Dance, Lullaby, Finale
- 4) Encore: Tchaikovsky Symphony No. 6 'Pathétique' Scherz



SMART CITIES TECHNOLOGIES

beCloud is one of the leading providers of the telecommunications and IT infrastructure, as well as hosting services and cloud solutions in the Republic of Belarus. The company provides services via its own network and a data center, based on the world's best practices and innovative experience of the leading companies.

INFRASTRUCTURE PORTFOLIO

- Backbone data network for the Unified republican data network
- LTE Advanced Network, Unified 5G network
- Republican Data Center + Republican cloud platform
- SMART platform (Smart.by)

beCloud is the developer and operator of the national SMART platform. The company offers market participants effective and reliable infrastructure solutions for the implementation of projects in the field of smart cities.

For the development of smart projects and the implementation of the concept of a smart city in all parts of the Republic of Belarus, demonstration of solutions based on IoT, machine learning, Big Data, cloud computing, 5G and others beCloud has created an Internet resource www.smart.by in 2020.

PROJECTS



**ACQUISITION, STORAGE AND
PROCESSING OF TELEMETRIC DATA**



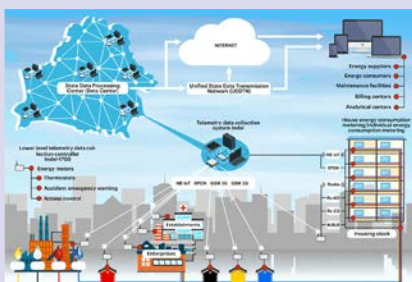
**UNMANNED MINING DUMP
TRUCKS BELAZ**



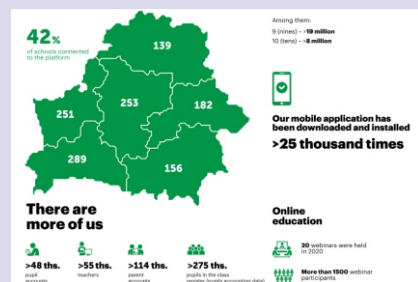
**HOUSE RESOURCE
CONSUMPTION METERING**



**SYSTEMS OF TELEMETRY AND
ANALYTICS OF THE STATE OF
GEOGRAPHICALLY DISTRIBUTED
OBJECTS**



**RECEIVING READINGS FROM
GROUP AND INDIVIDUAL
ENERGY METERING DEVICES**



**UNIFIED PLATFORM OF
E-SERVICES FOR EDUCATION**

Make cities better, make citizens happier

Seoul Global Challenge 2021



Technology Challenge

Reduction of particulate matters in subways



Topics

- ① Reduction of wear particles generation
- ② Improvement of removal efficiency
- ③ Improvement of measurement technique
- ④ Integrated management of air quality inside subway stations

Support Details

- Fund for prototype development (total KRW 800 million)
- Total prize money of KRW 630 million

Academic Challenge

Improvement of air quality in subways

Topics

- ① Links between indoor and outdoor air quality in subways
- ② Reduction of particulate matters in subways
- ③ Reduction of viruses in subways

Support Details

- Total prize money of KRW 60 million
- Opportunity for presentation at a conference

※ Details of support for technology and academic challenge will be changed according to the budget compilation for 2021

seoulglobalchallenge.sba.kr

Please refer to the Seoulglobalchallenge website for details

