



World e-Governments Organization of
Cities and Local Governments

2016 ANNUAL REPORT



The World e-Governments Organization of
Cities and Local Governments

About WeGO

The World e-Governments Organization of Cities and Local Governments (WeGO) is an international organization of cities and local governments that pursues sustainable urban development based on e-Government and ICT.

WeGO was established in 2010, and the WeGO Secretariat is based in Seoul, Korea with Regional Offices in Chengdu, China and the Ulyanovsk Region, Russia.



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Greetings

Won-soon Park

Mayor of Seoul & President of WeGO



Greetings from Seoul!

As the world moves forward to address the biggest challenges of our time and capitalize upon its greatest opportunities, technology will continue to be a core influencer on facets of our lives: social, economic, and environmental. We live in a time in which digital technologies like the Internet of things (IoT), Big Data, Cloud Computing, and Artificial Intelligence (AI) hold the potential to better our lives in ways previously unimaginable.

I consider myself especially fortunate to be a city leader in this time, as cities, with their rapidly increasing shares of the world population, stand to benefit the most from adoption of these transformative technologies. Not only has Seoul implemented numerous systems and programs for the betterment of our citizens, in alignment with the Digital Seoul 2020 strategy, but we also sincerely strive to be leaders in cooperation among cities to share city visions and strategies like these.

To this end, I am proud to serve as President of WeGO, which was established in 2010 to empower cities to utilize digital technology to its fullest potential, seeking smart sustainable solutions to urban challenges. In such a short time, WeGO has not only grown in size, more than doubling in city membership, but also has stayed agile, evolving to serve the diverse needs of its members among the rapidly changing environment of the Smart City field.

I would like to take this publication as an opportunity to once again affirm Seoul's support of the WeGO Secretariat, and I hope that it will give a clear picture of WeGO's successful work in the past year. I wish you the best of luck in all of your endeavors in 2017!

A handwritten signature in black ink, reading "Won-soon Park". The signature is stylized and cursive.

Won-soon Park

Young-sook Nam

Secretary General of WeGO



Greetings from the WeGO Secretariat! I am Young-sook Nam, and I am honored to serve as the Secretary General of WeGO.

2016 has been a dynamic year for WeGO, and 2017 is already looking to be even more transformative as WeGO grows and continues to lead at the forefront of sustainable urban development through ICT and Smart City projects.

In the past year, WeGO strengthened partnerships with international organizations such as ITU, UN Habitat, and Asian Development Bank to put global and regional sustainability commitments into local implementation and action. WeGO continued its popular Feasibility Study Project, with its 2016 project, the Smart Street Lamp & Traffic Light Monitoring System and we are pleased to report that it has led to a trial implementation of the system, complete with big data analytics for the data collected. As a continuation of the 2015 project, WeGO now offers its exclusive Civic Participation System (CPS) solution to member cities. Furthermore, through our annual meetings and various knowledge-sharing sessions that we host at high profile events around the world, we give our members an optimal platform to share their experiences and learn from their peers.

As WeGO has reformulated its mission and strategy to best serve its members and establish itself as a Smart Sustainable City pioneer, I wish to assure our members that we will continue to strive to offer them the best services possible as we grow together. I am proud to present this Annual Report to you and thank you deeply for your continued support of WeGO.

A handwritten signature in black ink that reads "Youngsook Nam".

Young-sook Nam



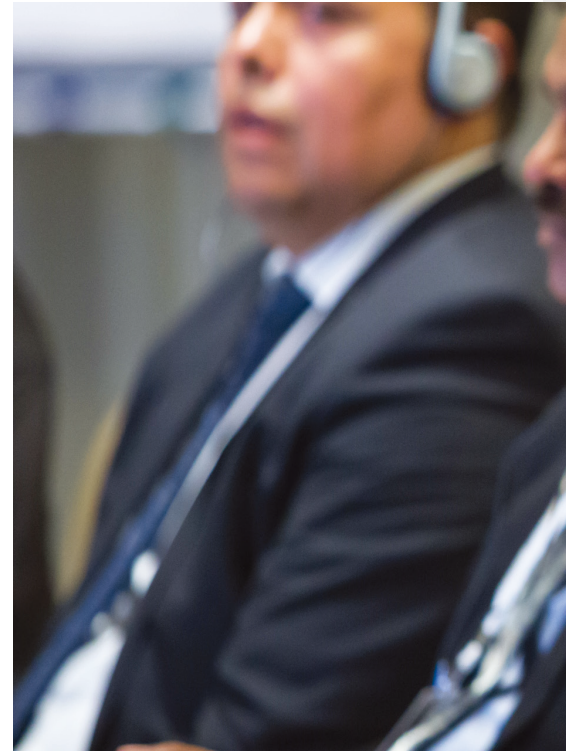


2016 HIGHLIGHTS

The WeGO Executive Committee Meeting 2016

The WeGO Executive Committee (EXCOM) Meeting 2016 was held from October 12-14 in Beyoğlu, Istanbul (Turkey), which hosted around 50 officials representing 8 EXCOM Members, 9 Observer Cities, and 2 Observer Institutions in total. The three-day event consisted of a press conference, reports by the WeGO Regional Offices, and cultural and technical tours of beautiful Beyoğlu, Istanbul. A key highlight of the event was also two, focused sessions: Public-Private Partnerships for Smart City Projects and the Best Practice Sharing Session: From Citizen Participation to Citizen Empowerment.

Additionally, the EXCOM meeting served as an important forum for members to discuss and agree upon significant WeGO agendas such as: the theme of the 2017 General Assembly, WeGO Corporate Partnership, the use of membership fees, the upcoming Mission Reformulation and amendments to the terms and conditions of the WeGO Smart Sustainable City Awards. All agendas suggested were adopted, and many will be further developed at the 2017 General Assembly.





WeGO EXCOM Meeting 2016 Participants

EXCOM Members

Agra (India), Chengdu (China), Hebron (Palestine), Khartoum State (Sudan), Maputo (Mozambique), Sennar State (Sudan), Seoul (Korea), Ulyanovsk Region (Russia)

Observer Cities

Bandung (Indonesia), Beyoğlu (Turkey), East Nile Locality (Sudan), Galle (Sri Lanka), Malatya (Turkey), Mexico City (Mexico), Pokhara (Nepal), Tallinn (Estonia)

Observer Institutions

NITDA (Nigeria), Uraia

Knowledge Sharing and Networking Opportunities

WeGO members had the chance to learn about emerging smart sustainable technologies, share best practices, and make valuable connections with the international community through a wide range of WeGO events and programs for knowledge sharing and networking.



Co-organized ICT Conferences with Global Partners

Jeju Forum for Peace and Prosperity

Jeju Island, Korea / May 23-27, 2016

WeGO, in cooperation with the Asian Development Bank (ADB) and the Korea National Information Society Agency (NIA), co-organized the Joint Workshop for e-Government and Smart City towards Sustainable Development. The workshop, hosted at the NIA Global Academy Center on beautiful Jeju Island, welcomed guests from WeGO members : Chengdu (China), East Nile Locality (Sudan), Hanoi (Vietnam), Jakarta (Indonesia), Khartoum State (Sudan), Nairobi (Kenya), National Information Center (Sudan), National IT Development Agency (Nigeria), San Fernando, La Union (Philippines), and Seberang Perai (Malaysia). Delegates from ADB's regional departments and member countries as well as city officials through an international program at the Seoul National University's focused on IT policy joined the workshop, as well. Attendees enjoyed five comprehensive sessions examining a broad range of e-Government and Smart City issues, attended the annual Jeju Forum for Peace and Prosperity, and finally became familiar with Jeju through cultural and technical tours.



2nd Asia-Pacific Regional Forum on Smart Sustainable Cities and e-Government

Phuket, Thailand / August 30- September 1, 2016

Building upon the success of last year's event in Bangkok, WeGO once again partnered with the International Telecommunication Union (ITU) to host three Smart City-themed sessions in 2016 at the 2nd Asia-Pacific Regional Forum on Smart Sustainable Cities and e-Government in Phuket, Thailand. Topics included Citizen Engagement, City-to-City Cooperation, and Big Data & the Internet of things (IoT). The forum provided WeGO members a platform not only to showcase their city's best practices but also to network among peers.

- Member cities included : Seoul (Korea), San Fernando, La Union (Philippines), Quezon City (Philippines), Kathmandu (Nepal), Seberang Perai (Malaysia), Bangkok (Thailand), Galle (Sri Lanka), Seongnam (Korea), and Da Nang (Viet Nam).

WeGO looks forward to once again collaborating in 2017 as the event returns to Bangkok for the 3rd Asia-Pacific Regional Forum on Smart Sustainable Cities and e-Government.

Seoul and UN International Forum on Urban Policy for Sustainable Development Goals (SDGs)

Seoul Urban Forum / Seoul, Korea / June 9, 2016

Seoul hosted the International Forum on Urban Policy for Sustainable development Goals, and WeGO hosted a session on the "ICT-enabled Smart Sustainable City." This provided a platform for WeGO members, San Fernando La Union (Philippines) and Addis Ababa (Ethiopia) to speak and showcase their cities' best practices, as recipients of WeGO Feasibility Studies.



WeGO Members Participation at International Events

Smart City Expo World Congress 2016

Barcelona, Spain / November 15-17, 2016

Smart City Expo World Congress (SCEWC) is an international summit focused on the link between urban reality and technological revolution. It is the largest smart city event of its kind in the world, attracting over 16,000 attendees in 2016. This year marked the 6th Smart City Expo World Congress and the 2nd year that WeGO has hosted a pavilion at the event. WeGO was joined in this pavilion by three of its members: Moscow, Seongnam, and the National Information Technology Development Agency (NITDA) Nigeria. In addition to promoting their ICT programs at the pavilion, the members were able to make high-profile presentations at the congress sessions and side events.

Habitat III

Quito, Ecuador / October 17-20, 2016

The United Nations held its Conference on Housing and Sustainable Urban Development (Habitat III) an event that brought together over 50,000 participants. WeGO, with its partner, the Korea Research Institute for Human Settlements (KRIHS), hosted a networking event on the theme "Smart City Strategies and Data Revolution for Sustainable Development." The networking event featured high-level presenters from the International Telecommunication Union (ITU), KRIHS, World Bank, United Cities and Local Governments Asia-Pacific (UCLG ASPAC), and WeGO member, Pittsburgh.



Digital Capacity Building Program

WeGO again collaborated with Seoul Human Resource Development Center to offer this popular, annual e-Government development program exclusively to its members.

E-Government Training Program in Seoul

Seoul Program I / May 22-29, 2016

For the seventh consecutive year, WeGO offered its popular "Seoul Program" for e-Government enhancement to its members. It did so in cooperation with the Seoul Human Resource Development Center (SHRDC). The popular program treated participants to a variety of lectures on e-Government practices and policies, interactive discussion sessions, and site visits to e-Government facilities as well as cultural excursions around Seoul.

- Seoul Program Participants came from the following member cities : Bandung (Indonesia), Chengdu (China), Hebron (Palestine), North Kordofan State (Sudan), Quezon City (Philippines), San Fernando, La Union (Philippines), Yakutsk (Russia), and the Friendship Member, National Information Technology Development Agency (NITDA) of Nigeria

Seoul Program II / July 10-13, 2016

WeGO also supported SHRDC for Seoul Program II, which was open to WeGO members and non-WeGO-members alike.

ICT Consultation Services

Feasibility Study

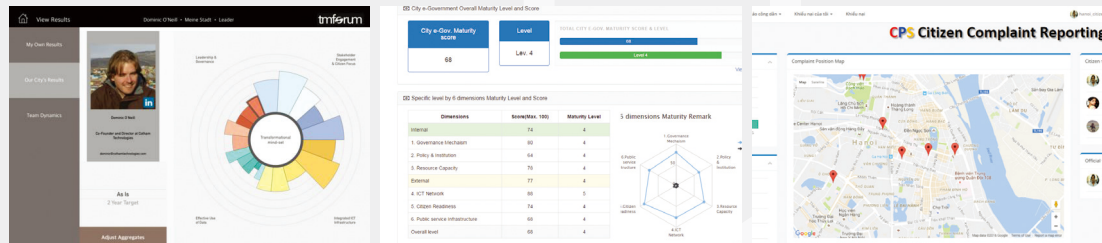


WeGO has conducted annual technical consultation through its Feasibility Study since 2011 in order to advance the digital capacity of its member cities. The 2016 Feasibility Study received many strong and qualified applicants, and it was ultimately awarded to Seberang Perai Municipality (Malaysia) to make recommendations on IoT-based smart streetlight and traffic light management systems.

The assessment by WeGO IT consultants over the course of four months was based on the best practices case study of Seoul, and made conclusions on the practicality of the project based on infrastructure, human resources, regulatory environment, and budget, among many other areas.

As a part of this Feasibility Study, a pilot system of five smart streetlights and one smart traffic light controller was implemented in a selected area in the city. The pilot Smart Street Lamp & Traffic Light Monitoring System was successfully implemented in December 2016 and was operated by the Seberang Perai Municipality until June 2017 as a trial period. As a result of this 2016 WeGO Feasibility Study, implementing the system in the city is highly feasible in many aspects and will bring three major benefits: increasing citizen satisfaction in terms of their safety, providing better services for citizens through Big Data Analysis, and enhancing the eco-friendliness of Seberang Perai. WeGO is thankful for the strong commitment and support of Seberang Perai for the study and anticipates a positive outcome and further expansion of the project.

ICT Tools



WeGO-TM Forum Smart City Maturity & Benchmark Model

WeGO, in collaboration with its partner, TM Forum, introduced its Smart City Maturity & Benchmark Model. It is designed to help WeGO member cities measure and benchmark their development as a Smart City through an end-to-end holistic view across city agencies and departments. The model was designed to assess Smart City maturity based on five dimensions: leadership and governance, stakeholder engagement and citizen focus, effective use of data, integrated ICT infrastructure, and existing levels of smartness. Cities receive comprehensive video conference instruction on the model with post-assessment consultation and a full benchmarking report.

CeDS

WeGO has also continued to offer its CeDS Online platform, an e-Government self-assessment toolkit originally co-developed by the World Bank and Seoul Metropolitan Government. The CeDS Online Platform enables local government officials to easily assess the maturity level of their city's holistic e-Government environment as well as track their development progress, which may inform the formulation of their ICT development strategies. The CeDS Online Platform may be used up to four times annually by each WeGO member.

CPS

As an output of its 2015 Feasibility Study, WeGO now offers its Civic Participation System (CPS) solution exclusively to its members. This digital-capacity-enhancing system helps cities to efficiently and comprehensively collect and manage the concerns of their citizens. Following a successful Feasibility Study conducted by WeGO consultants, Hanoi (Vietnam), San Fernando La Union (Philippines), Quezon City (Philippines), Pokhara (Nepal), and Bharatpur (Nepal) all chose to implement complimentary demo versions of the CPS. Additionally, San Fernando La Union will implement the system beyond its demo period. Members wishing to use the system themselves will receive both the proprietary program and a training manual in how to properly enact the system in their city.

Secretariat & Membership Developments

New WeGO Members

At the 2016 Executive Committee in Beyoğlu, Turkey, WeGO officially welcomed 18 new full members and two additional friendship members.

WeGO's 120 Members Around the World

As of May 23, 2017,
WeGO has 115 Member
Cities and 5 Friendship
Members

Asia (47)

Agra, Astana, Baguio, Baku, Bandung, Bangkok, Batam, Baubau, Bharatpur, Birgunj, Cauayan, Chengdu, Dambulla, Da Nang, Dhaka North, Dhaka South, Dharan, Galle, Gimpo, Goyang City, Gwangmyeong, Hanoi, Hong Kong, Islamabad, Jakarta, Kathmandu, Kepri, La Union Province, Makati, Manila, Matala, Ningbo, Pokhara, Quezon City, Rajshahi City, Saga Prefecture, San Fernando La Union, Seberang Perai, Sejong City, Seongnam, Seoul, Serang Regency, Sri Jayawardenapura Kotte, Tashkent, Thua Thien Hue, Ulaanbaatar, Zhejiang Province.

Europe (17)

Ankara, Antakya, Barcelona, Berlin, Beyoglu, Bucharest, Frankfurt, Gaziantep, Helsinki, Malatya, Minsk, Moscow, Mugla, Paris, Rotterdam, Ulyanovsk Region, Vladivostok, Yakutsk

Americas (7)

Asuncion, Caracas, Mexico City, Pittsburgh, Porto Alegre, San Francisco, Sao Paulo

Middle East (4)

Abu Dhabi, Erbil, Hebron, Kabul, Muscat

Oceania (1)

Suva

Africa (36)

Addis Ababa, Calabar, Dakar, Donga, Dar es Salaam, East Nile Locality, Elkhawi Locality, Gadarif City, Gadarif State, Gazira State, Gassol, Harare, Hasahisa, Jalingo, Kaduna State, Kampala Capital City, Karim-Lamido, Kassala State, Khartoum Locality, Khartoum State, Kigali, Kurmi-Biassa, La Marsa, Maputo, Nairobi, North Kordofan State, Pupule Yorro, River Nile State, Sardauna-Gembu, Sennar State, Shaikan Locality, Sokoto State, South Gezeera Locality, Takum, Tunis, Umelgoura Locality, White Nile State.

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WeGO's 5 Friendship Members.

- Central Information Technology Office (CITO) (Belize)
- National Information Center (NIC) (Sudan)
- National Information Technology Agency (NITA) (Ghana)
- National Information Technology Development Agency (NITDA) (Nigeria)
- National information Technology Authority (NITA-U) (Uganda)

Spotlight on Member Activities 2016



Goyang City (Korea)

Goyang City hosted the Smart Cities Innovation Summit Asia from September 20-22, 2016 at its state-of-the-art Korea International Exhibition & Convention Center (Kintex). The three-day event had over 14,000 attendees from 57 countries from both the public and private sector, showcasing the latest and greatest Smart City trends. The event will be held again in 2017 from September 6-8.



Helsinki (Finland)

In 2016, Helsinki launched its Smart Kalasatama Programme for Agile Piloting. This living labs program is operated in the city's Kalasatama District and tests a broad scope of small scale smart city programs on topics ranging from citizen well-being to environmental projects. An excellent example of co-creation, the program cooperates with local companies and citizens, with the potential to scale up successful programs.



Jalingo(Nigeria)

Jalingo City's Smart IDP Tracking and Monitoring project, a project overseen by WeGO Friendship Member, NITDA, took home the prestigious Global City Teams Challenge Leadership prize for 2016 in Austin, Texas USA. This prize is awarded annually and is worth \$10,000 USD. The IoT project was implemented to provide data to better assist thousands of Nigerians displaced in the region.



Mexico City (Mexico)

Mexico City was profiled as a best practices case study in Machina Research (A Gartner Inc. subsidiary) in the research firm's Machina Research Smart City Playbook. The study focused on the city's Climate Action Program 2014-2020, which aims to utilize technology to make the city a low-carbon society as well as working on resilience to natural events such as flooding and earthquakes, to which the city is geographically vulnerable. The study commended Mexico City's cross-department coalition building to accomplish these goals.



Seoul (Korea) and Moscow (Russia)

Both Seoul and Moscow made the shortlist for the prestigious 2016 World Smart City Awards. The highly-competitive international award recognized Seoul for its digital innovation project for citizen inclusion and Moscow for its centralized system to streamline and manage various spheres of city life. Both cities were honored as part of the Smart City Expo World Congress in Barcelona on November 16, 2016.

New MOU Partners

The Export-Import Bank of Korea (KEXIM)



KEXIM, entrusted with the operation of the Economic Development Cooperation Fund (EDCF) by the Korean government, administers and executes EDCF which provides support to build socioeconomic infrastructure in developing countries, helping them achieve infrastructure financing and economic development.

As WeGO aims to create smart, sustainable cities for all, with an emphasis on inclusivity, it will collaborate with KEXIM's expertise on development and poverty reduction to bring good ICT practices and more effective public administration to help transform cities in developing countries.

TM Forum



The TM Forum is a non-profit industry association for service providers and their suppliers in telecommunications and entertainment industries.

TM Forum and WeGO have agreed to collaborate to offer WeGO members the Smart City Maturity & Benchmark Model, which was designed to assess Smart City maturity based on five dimension areas: leadership and governance, stakeholder engagement and focus, effective use of data, integrated ICT infrastructure, and existing levels of smartness.

WeGO

Secretariat Staff

Secretary General

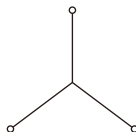


Dr. Young-sook Nam
Secretary General

Program Team



Mr. David Hahm
Program Director



Administration Team



Mr. Belmasio Kwon
Administrative Director



Ms. Eunbyul Cho
Senior Program Officer



Mr. Earl Burgos
Program Officer



Ms. Alexandra Sidorova
Program Officer



Ms. Sophie Jung
Administrative Officer



Mr. Johnny Lee
Administrative Officer



Mr. Andrew Lim
Program Officer



Mr. Anthony Levero
Program Officer

WeGO

Regional Offices

WeGO Asia Regional Office, Chengdu, China

The WeGO Asia Regional Office contributed towards the organization's overall goal of smart, sustainable development through ICT by its participation in WeGO events in 2016, promotion of WeGO activities, and in particular by hosting the annual e-Government Training Program in Chengdu

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e-Government Training Program in Chengdu

Chengdu, China / November 28 - December 2, 2016

- Topics : Chengdu's e-Government Development; Community Administration; Public Resources Exchange Center
- Tours : Xueliang Project; Chengdu Research Base for Giant Pandas; Government Affairs Service Center; City-Planning Museum; Pingle Town; Jinli Street
- Participants from : Agra (India), Baku (Azerbaijan), Bangkok (Thailand), Beyoğlu (Turkey), Kampala (Uganda), Brasilia (Brazil), Khartoum State (Sudan), La Marsa (Tunisia), La Union (Philippines), Mexico City (Mexico), Pokhara (Nepal), Seberang Perai (Philippines)

The WeGO Europe Regional Office, Ulyanovsk Region, Russia

The WeGO Europe Regional Office is not only the host of the 2017 WeGO General Assembly, but they also played host to numerous successful, international IT events in 2016 such as its popular "Ulcamp" and "Strike." Additionally, for the third consecutive year, Ulyanovsk conducted its e-Government Webinar, which featured expert guidance by leading authorities on ICT.

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e-Government Webinar by the Ulyanovsk Region

December 22, 2016

- Topic : Open Government Innovation
- Moderator : Mr. Alexander Ryabushko of the Office of the Affairs of the Ulyanovsk Region
- Speakers : Mr. Mikhail Bunchuk of World Bank, Mr. Alessandro Seravalli of GeoSmartLab (Italy)



2016 WeGO Financial Report

Revenues

Category	Amount in 1,000 KRW	Amount in USD
Contribution from WeGO President City Seoul	774,736	704,305
Membership Fees Collected	140,083	127,348
Total Revenues	914,819	831,653

Expenditures with WeGO Membership Fees

Category	Amount in 1,000 KRW	Amount in USD
Operational Expenses	35,699	32,454
Program Expenses	59,334	53,940
Total	95,033	86,394
2016 Balance	45,050	40,954

From 2012 until 2015, all membership fees collected were set aside and WeGO operated solely on President City Seoul's contributions. 2016 marked the first year the Executive Committee approved the use of Membership Fees for use on expenditures. As such, the running balance of membership fees as of May 2017 saved is shown below:

Total Balance	606,337	551,215
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Expenditures with President City Seoul's Contributions

Category	Amount in 1,000 KRW	Amount in USD
Programs	212,703	193,366
Administrative :		
WeGO Secretariat's Operations	139,074	126,431
WeGO Secretariat's Personnel Cost	413,026	375,478
WeGO Secretariat's Travel Cost	9,933	9,030
Total Revenues	774,736	704,305

LSI noted Exchange Rate : 1 USD = 1,130 KRW

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