



## PRESS RELEASE

# The 4th Global 5G Event in Seoul 2017

"5G Accelerating The 4th Industrial Revolution"

**22-23 November 2017, Seoul, Korea**

The 5G Forum the leading 5G visionary organization in Korea, organized the 4th Global 5G Event with other leading 5G visionary organizations from around the world including : 5G Forum, 5G Americas, 5G Brasil, IMT-2020 (5G) PG, 5G-IA, 5GMF.

### **Seoul, Korea – 22 November 2017**

The 5G Forum organized the 4th Global 5G Event in Seoul on 22-23 November 2017.

The Workshop of the 4th Global 5G Event was held in Grand Ballroom, JW Marriott Hotel Seoul on 22-23 November 2017. The main title for the event was "5G, Accelerating The 4<sup>th</sup> Industrial Revolution". The conference sessions were designed to inspire the continued progress of the 5G technology and focused on government policies, promotions, services, trial projects, and other industrial convergence opportunities for 5G. Each session was presented by the 5G forward-thinking luminaries from six different countries. In addition, special conference sessions were addressed the 5G trial services of PyeonChang Winter Olympic 2018.

Furthermore, 5G Forum invited foreign visitors to SKT and LGU+ 5G demonstration site for technical tours. Also, foreign visitors toured the 5G field trial site at the PyeongChang Olympic venue on 23-24 November 2017.

**About Global 5G Event:**

Global 5G Event is an event where the world's leading 5G organizations discuss the latest Research and Development achievements and views on 5G technologies, spectrum, standardization, field trial, applications, the future Roadmap and the global collaboration. The

The event is held twice a year in rotation. 2016, the 1st Global 5G Event was held in Beijing, China by IMT-2020 (5G) Promotion Group and the 2nd event was held in Rome, Italy by 5G-IA the 3<sup>rd</sup> event was held in Tokyo, Japan by 5GMF.

The next 5th Global 5G Event organized by 5G Americas in Austin, Texas at the Austin Convention Center on May 16-17 2018.

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**DongKu KIM, Chair of Executive Committee, 5G Forum, stated**

"The theme of the 4th Global 5G Event, '5G, Accelerating the 4th Industrial Revolution' is very timely in the course of on-going 5G vertical trials such as Pyeongchang 5G Trials. 5G would be a vertical and customer driven network, where much of its demands are expected to come from many verticals such as automotive and transportation industries. The unifying theme of all the talks and presentation in this event was that we are good to go for phase-2 vertical trials such as V2X in 5G, how much global collaboration we have been working on so far, and how much Korea has committed to Pyeongchang 5G trials service. I strongly believe that this event will serve as a catalyst to accelerate the global collaboration for phase-2 vertical trials."

**Chris Pearson, President of 5G Americas, stated**

"5G wireless technology could affect almost all aspects of the connected world we live in. The 4th Global 5G Event in Seoul provided an opportunity for key 5G wireless industry stakeholders to share information and discuss ways to continue the great progress of the 5G ecosystem. 5G Americas looks forward to hosting the next event in the United States in May of 2018."

**Jose Marcos C. Brito, General Secretary of 5G Brasil, stated**

The 4th Global 5G Event in Seoul was a great event, with high quality speeches on extremely relevant topics, covering the whole ecosystem of 5G networks. The themes covered by the 4th Global 5G Event included: governmental policies, spectrum harmonization, technological trends, services, verticals markets, PoC, trials, solutions, applications, cooperations and several others. Thus, the participants had contact with the state of the art of the various aspects of 5G. The section Cross-Regional Activities for 5G, which first appeared in the 4Th Global 5G event, showed that cooperations have been fruitful and already show significant results. The live demonstration at PyeongChang was also remarkable, showing a real application of 5G technologies.

**Zhiqin WANG, Chair of IMT-2020 (5G) Promotion Group, stated**

The main part of the first version of 5G standard will be finalized by the end of this year which takes us a big step closer to 5G commercialization. During the 4th Global 5G Event, we exchanged the views and experiences on 5G trial, 5G integrated applications ( e.g. V2X), etc., it will promote the 5G commercialization more successfully.

**Colin Willcock, Chair of 5G-IA, stated**

“The 4th Global 5G Event in Seoul provided an excellent overview of the global status, activities and future plans in the 5G domain. The timing and theme ‘Accelerating the 4th Industrial Revolution’ was well chosen and directly in line with the current transition from fundamental 5G technology development towards validation and 5G vertical trials. The high quality presentations, including for the first time cross-regional collaborative activities, combined with interesting live demonstrations such as Pyeongchang 5G Trials made for a compelling programme. The event again emphasised the unique nature of these global 5G events and the value of the collaboration between regional industry associations ( 5G-IA (Europe), IMT-2020 (5G) Promotion Group (China), 5G Forum (South Korea), 5GMF (Japan), 5G Americas (United States) and 5G Brasil (Brazil))”

**Susumu Yoshida, Chair of 5GMF declared**

“It is a great honor to be able to participate in the Fourth Global 5G Event in Seoul. The theme of this Event, “5G, Accelerating the 4th Industrial Revolution”, is an extremely important concept and indeed timely. 5G is expected to be an important component of the next generation of communication infrastructure, which will be able to help solve social and economic problems as well as bring growth to existing industries and cultivate new industries. The 5GMF put forward the concept of “Creating the Crossover Collaboration for 5G Eco-Society” at the 3rd Global Event in Tokyo. From the perspective of realizing 5G in 2020 as part of constructing the next generation of communications infrastructure, it is important to create an environment that enables crossover collaboration to occur between the different players in the fields of investing, commercialization and the development of new industries, and regional revitalization.

The 5GMF is currently providing support for Japan’s 5G system field trials, which the Ministry of Internal Affairs and Communications began holding in May of this year. We are also working to inform those both in Japan and abroad about the trends of these trials. For 5G to be realized, in addition to the progress that needs to be made in research and development as well as global standards, thought also needs to be put into how to demonstrate its usefulness to society. We need to be able to explain to general users what kinds of changes 5G can bring to their work and their daily lives.

I hope that the discussion and exchanges of information and opinions that will occur at the

Fourth Global Event in Seoul will be of value to everyone involved in the realization of 5G. Finally, I want to express my sincere gratitude to Korea's 5G Forum and everyone else involved in organizing this Fourth Global Event in Seoul. ”

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#### **Global 5G Events MoU Signatories:**



#### **About the 5G Forum:**

The Ministry of Science, ICT and Future Planning and mobile industries in Korea founded the 5G Forum in Seoul on May 30 2013. 5G Forum members consists of public and private sectors, including mobile telecommunication carriers, manufacturers and academic professionals.

The goal of the 5G Forum is to assist in the development of the standard and contribute to its globalization. By 2020 the South Korean government intends to commercially deploy 5G mobile telecommunication technology for the first time in the world featuring five core 5G services during the Pyeongchang 2018 Winter Olympics. This would include social networking services; mobile 3D imaging; artificial intelligence; high-speed services; and ultra- and high-definition resolution capabilities; and holographic technologies.

SeongMok OH, President of KT, is chairperson of the forum. The Electronics and Telecommunications Research Institute (ETRI); three major telecom companies; and several major electronics companies, including Samsung Electronics, LG electronics, TTA, KMW were appointed to the Board as co-chairs.

More information is available at <https://www.5gforum.org/eng>



#### **About the 5G Americas:**

5G Americas is an industry trade organization composed of leading telecommunications service providers and manufacturers. The organization's mission is to advocate for and foster the advancement and full capabilities of LTE wireless technology and its evolution beyond to 5G, throughout the ecosystem's networks, services, applications and wirelessly connected devices in the Americas. 5G Americas is invested in developing a connected wireless community while leading 5G development for all the Americas. 5G Americas is headquartered in Bellevue, Washington. More information is available at [www.5gamericas.org](http://www.5gamericas.org).

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#### **About the 5G Brasil:**

The main objective of the 5G Brasil project is to foster the development of the 5G ecosystem in Brazil and contribute to the global definition of this technology. The 5G Brasil Project has 22 associates (including operators, manufacturers, research institutes, universities, and companies associations) involving more than 120 professionals. The activities of 5G Brasil are performed by a Steering Committee and by five thematic commissions: Research and Use Cases, Pre-Standards, Backhaul Infrastructure, Future Frequencies Bands, Verticals Regulatory Actions and Market Actions. The 5G Brasil Project advocates the inclusion of a fourth scenario for 5G networks: 5G for remote areas.



#### **About the IMT-2020 PG:**

The IMT-2020 (5G) Promotion Group was established in February 2013, with the support of three ministries of China (the Ministry of Industry and Information Technology, the National Development and Reform Commission, and the Ministry of Science and Technology), based on the original IMT-Advanced Promotion Group. It is the major platform to promote the research and development of 5G in China. Its members include the leading operators, vendors, universities, and research institutes in the field of mobile communications.

More information is available at <http://www.imt-2020.cn/en>



#### **About the 5G Public-Private Partnership & the 5G Infrastructure Association (5G-IA)**

**The 5G Public Private Partnership (5G PPP)** is the 5G collaborative research program that is organized as part of the European Commission's Horizon 2020 program – The European Union Program for Research and Innovation. It is aimed at fostering industry-driven research, monitored by business-related, technological performance and societal KPIs. The 5G PPP will deliver solutions, architectures, technologies and standards for ubiquitous next-generation communication infrastructure over the coming decade.

In the 5G PPP, **the 5G Infrastructure Association (5G-IA)** represents the private side and the European Commission the public side. The 5G-IA is committed to the advancement of 5G in Europe and to building global consensus on 5G. To this aim, the Association brings together a global industry community of telecoms & digital actors, such as operators, manufacturers, research institutes, universities, verticals and SMEs. The 5G-IA carries out a wide range of activities in strategic areas including standardization, frequency spectrum, R&D projects, technology skills, collaboration with key vertical industry sectors, notably for the development of trials, and international cooperation.

More information is available at <https://5g-ppp.eu/>



**About the 5GMF:**

The Fifth Generation Mobile Communications Promotion Forum (5GMF) was founded on September 30 2014. 5GMF has been conducting research & development concerning 5G (The fifth Generation Mobile Communications Systems): including the standardization thereof, along with liaison & coordination with related organizations, the collection of information, and the dissemination & enlightenment activities. Towards 5G realization by 2020, these activities will contribute to the sound development of the 5G Eco-society.

More information is available at <http://5gmf.jp/en/>

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