



# Global City Informatization Forum 2014

(GCIF)

November 4-6, 2014

Shanghai

P.R. China

## Background

With the rapid development of information technologies since the beginning of the 21 century, intelligent terminals and applications have become increasingly powerful. New patterns of large-scale production, sharing and use come into reality, which have greatly changed the way people study, work and live. A new round of information revolution has arrived represented by internet, cloud computing, internet of things and other technology leaps.

Since the “smart planet”, a highly efficient, interconnected and environment-friendly concept, was brought up, there is a boom of building smart city initiatives. The introduction of new generations of internet, cloud computing, intelligent sensing, telecommunication, remote control, satellite positioning and GIS have made Smart realizable from technological aspect, through identifying, positioning, following-up, controlling and managing every possible object.

Building smart cities is also the objective requirement to transform the city development pattern and to enhance the efficiency of urban management. As the acceleration of urbanization, cities are endowed with unprecedented power and come to people’s attention. At the same time, cities are faced with such challenges as environment pollution, traffic jams, scarcity of energy, shortage of affordable housing, high unemployment rate and diseases. How to tackle these challenges and realize sustainable development have be one of the priorities in many city plans. Smart City is the future.

Smart City programs will deliver and integrate information of economy, culture, public resources, management service, citizen lives and cultural lives. In recent years, many countries and cities are taking initiatives to interpret the real meaning of Smart City, and bring building Smart City into their economic and social development overall plan, in accordance with their individual characteristics.

Global City Informatization Forum (GCIF), with the aim of promoting city informatization and social advancement, was formerly the Annual Forum on City Informatization in the Asia-Pacific Region (CIAPR), which was initiated by the Shanghai Municipal Government and the United Nations Department of Economic and Social Affairs (UNDESA), in response to the call for bridging the digital divide of the United Nations Millennium Summit and the ECOSOC Ministerial Declaration. It was also co-sponsored by the United Nations Development Programme (UNDP), the United Nations Human Settlements Programme (UN-HABITAT), the United Nations Industrial Development Organization (UNIDO), the International Telecommunication Union (ITU), the United Nations Institute for Training and Research (UNITAR), China government (the Ministry of Science and Technology, the Ministry of Industry and Information Technology, the Ministry of Commerce), Chinese Academy of Sciences the China Association for Science and Technology, and the Internet Society of China. In the year of 2010, the Forum was renamed as Global City Informatization Forum (GCIF).

The mission of the Forum is to provide a platform for government leaders, decision-makers and policy developers to exchange visions, policies and strategies, technologies and products, practices and experiences on ICT application and development, so as to enhance mutual understanding and cooperation for economic and social development among participating cities or regions, and to narrow the gap among cities or regions in terms of ICT application and availability of information to citizens.

Nine sessions of the Forum have been successfully held since 2000 (2000, 2001, 2002, 2004, 2005, 2006, 2008, 2010, 2012), with more than 9,000 participants from over 180 cities and 105 countries. Well-designed topics and thoughtful arrangements of the event have attracted attention from many countries around the world, and the forum has become an arena for exchanges and cooperation in up-to-date ICT solutions, applications and products among government leaders, mayors, enterprises, experts and professionals in the field of information technology.

Currently, China is at a crucial transition stage, witnessing a new round of reform and opening up with steady industrial restructuring process. Around the globe, globalization is

an irreversible trend and asks for tighter ties and closer communication. Against this background, the Global City Informatization Forum (GCIF) themed as *Smartness· Integration· Convergence* will be held on 4-6 November 2014, Shanghai, P.R. China . It will discuss a series of hot topics about urban development and informatization. The Forum will see emerging topics, a higher level of speakers and wider global recognition as an international conference brand and city standard, to better serve the economic and social development of metropolitan Shanghai.

## **I. Plenary Sessions:**

1. Urban management in the Era of Big Data;
2. Re-industrialization in the Era of Intelligence;
3. Smart Application in the Era of Informatization;

## **II. Parallel Sessions:**

1. Spectrum Resource Management and Economic Development;
2. Smart City and Information Security;
3. Strengthen Cooperation in Asia-pacific Region and Promote Construction of E-government;
4. Construction of Smart Park and Smart Community;
5. Innovative Intelligent Integration of Urban and Rural Area;
6. Special Forum on Trans-boundary and Innovative Development of Internet of Everything;

## **III. Expected Objectives**

1. Establish Expert Consultation Committee of GCIF;
2. Exhibit prominent state-of-art technologies and Smart City solutions ;
3. Issue Report on Global Smart City Development;
4. Share experience about ICT applications and sustainable development worldwide;
5. Strengthen exchange and cooperation among governments, public and private sectors, NGOs and related industries;

## **IV. Prize-awarding Ceremony**

Outstanding Smart City Practices in Shanghai in 2014 as a conclusion of “Shanghai Smart City Activity Week”

### **Winners:**

“Smartopia Gimpo” submitted by City of Gimpo, Korea.

“Skolkovo Technopark District 2” submitted by Agence d’Architecture A. Bechu, France.

“One-Portal Public Service/e-Government” submitted by NCS Pte. Ltd. Singapore.

“Cyber-security: KASPERSKY Protective System” submitted by Moscow, Russia.

“Smart City Package Solution” submitted by ZTE, China.

## **V. Exhibition and Report Release:**

1. Exhibition of the Outstanding Practice Cases and the Cutting-edge Technologies of Global Smart City
2. Report on Ranking of Global Smart Cities

## **VI. Fruits**

During this Forum, we have had thorough discussions on topics of city administration in the Age of Big Data, reindustrialization in the Age of Intelligence, smart application in the Age of Information, etc., and have developed consensus in terms of accelerating ICT innovation, deepening construction of smart cities, informationizing a better life, etc.

1. IT innovation, development and application have stepped into a new stage. Big data, IOT, cloud computing, mobile Internet and other new ICTs have constantly been developing and integrating into the new Industrial Revolution, generating new industries, new types of operation, new business models of intelligent manufacturing and intelligent services, leading us to an age of “Internet of Everything (IOE)”. The spectrum resource, as an essential factor of production in an information society, is the foundation of IOE and a major supporter for the service industry and city operating. Innovated applications like 4G broadband and wireless city have generated new application scenarios like Industry 4.0, Internet of Vehicles, intelligent robots and so on, bringing enormous imagination and infinite possibility of development to our mode of production and life style.
2. Informatization and construction of smart cities provide strong support for sustainable development of cities. Information technology has promoted a harmonious development between economy, society and environment, making our cities more livable and our life more beautiful. Informatization has provided efficient approaches to city planning, logistics and transportation, resource saving and environmental protection, etc., promoting transformation from “digital city” to “smart city” by accelerating business model transformation with informatization application for enterprises, by constantly expanding development potentials of innovation and updating in IT industry to realize the sustainable development of cities.

3. Informatization has initiated a new mode for government administration, market economy and social services. With technical support like cloud computing, big data and so forth, new organizational structure and performance enhancement potential have emerged. Disclosure of government information will intensify information resource sharing and joint utilization, and informatized new media will smoothly mediate between the government and the public. Reconstruction of industry chain, value chain and eco-chain are likely to take place in e-commerce; Internet of Finance and O2O mode are vitalizing the development of market economy. Smart community, smart home, smart medical services, smart retirement and many other newly developing social works access residents to better public services and informatized well-being.
4. Reinforcing the “top-down design” and network information security in building smart cities. Government and institutions should reinforce an overall planning and “top-down design” in realizing informatization and construction of smart cities. They should pay efforts to rid isolated information islands, promote resource sharing, enhance construction effectiveness and work together for developing interconnection. Besides, as now all are quickening realizing informatization, people should pay close attention to its “double-edged effect”, reinforce technical and systematic support concerning information security, raise global information security awareness, and found a better environment for informatization development.
5. Strengthening cooperation in interconnection to realize a beneficial-to-all prospect for the public in an informatized society. We should promote informatization communication and cooperation in global, regional, national and civic range in a positive and down-to-earth manner, encouraging a partnership between the public sector and the private sector in order to reach more informatization application achievement. We should also discover proactively a realistic approach to narrowing the gap in different regions, make information technologies more efficient, low-cost and human-centered. Moreover, we should create accesses to informatization applications in equal ground, helping the disadvantaged group to equip with informatization skills and therefore all people could benefit from achievements of informatization.
6. We have founded a sustainable system for this Forum. In Working Meeting of Expert Consultation Committee of GCIF on Nov. 5, we have passed the Charter for the Committee, elected the President and Vice President, discussed and confirmed the theme, main topics and awards for the next Forum to ensure GCIF sustainable and satisfactory.
7. Plenty of agreements for informatization cooperative projects in global range have been reached during this Forum, including a strategic cooperation agreement between SASS

and UNITAR, an Industry 4.0 training agreement between CIFAL Shanghai and the University of Potsdam, an Industry 4.0 training base agreement between CIFAL Shanghai and Guofu Data Co., Ltd. and so on, which gives full expression to the objective of “Sharing Achievement, Improve in Hands” of GCIF. Also, we have awarded 2014 Top Ten Global Smart City Outstanding Cases for a positive policymaking reference in promoting construction of smart cities.