

# 2018 Euro-China Green and Smart City Summit & Euro-China Green and Smart City Awards

## Report



 

### 2018 '中欧绿色和智慧城市峰会暨中欧绿色和智慧城市奖' 2018 Euro-China Green and Smart City Summit & Euro-China Green and Smart City Awards

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**Supporting Organization:** Zhejiang Provincial People's Government  
**Hosts:** China Center for Urban Development Prospective & Innovation Foundation  
**Co-hosts:** Ningbo Municipal People's Government of Zhejiang Province  
Smart City Development Alliance  
China City Global Agenda Council (CCGAC)  
Research and Development International

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# General Summary

2018 Euro-China Green and Smart City Summit & Euro-China Green and Smart City Awards were solemnly held in Ningbo, Zhejiang, China during 6<sup>th</sup>-8<sup>th</sup> September 2018. This was the third edition of the Euro-China Green and Smart City Awards, which was launched since 2015, and then incorporated in 2016 as a major landing project in the “EU-China Partnership on Urbanization”, an EU-China smart urbanization and low-carbon economy industry cooperation framework.

2018 Euro-China Green and Smart City Summit & Euro-China Green and Smart City Awards are supported by European Commission and Zhejiang Provincial People's Government, hosted by Ningbo Municipal People's Government of Zhejiang Province, China Center for Urban Development and Prospective and Innovation Foundation, the event has achieved full success!

Many key leaders from major institutions attended the event and expressed their full support to the Euro-China Green & Smart City Awards initiative. Mr. Chris Wood (Deputy Head of the EU Delegation to China), Ms. Zhao Baige (Vice Chairman of the 12th NPC Foreign Affairs Committee, Chairman of RANDI Expert Committee), Mr. Li Tie (President and Chief Economist of China Center for Urban Development), Mr. Li Guanding (Vice Mayor of Ningbo City, Zhejiang Province), Ms. Luan Jie (Consultant of the Department of High-technology Industries of NDRC), gave wonderful speeches and shared their rich perspectives for further EU-China smart city cooperation. Mr. Jean-Pierre Raffarin (Former Prime Minister of France, Special Envoy for China of the French President, and Chairman of Prospective & Innovation Foundation) has also sent his encouragement and wishes through video.

2018 Euro-China Green and Smart City Summit & Euro-China Green and Smart City Awards consist of three parts: 2018 Euro-China Green and Smart City Summit, 2018 Euro-China Green and Smart City Awards, and Euro-China City & Enterprises Matching and Exchange Event. During the Summit, all the European and Chinese participant cities presented their green and smart city solutions and participated in three thematic group discussions to share, compare, and explore common or adaptable experiences. The Award concluded a fruitful day with a festive momentum, where the 28 outstanding Chinese and European cities and the two star enterprises were revealed after the rigorous selection conducted by professional smart city experts. The Matching and Exchange Event on the second day provided the opportunity to cities and enterprises from Europe and China to discuss in details the concrete cooperation possibilities.

# 2018 Euro-China Green and Smart City Summit

2018 Euro-China Green and Smart City Summit was held on the 7<sup>th</sup> September. The Summit started with remarks and keynote speeches of senior leaders. Then, 12 cities from 10 European countries and 9 outstanding Chinese cities presented their green and smart city solutions, and carried out group dialogues around three major themes: Characteristic Models, Innovation and Development Outlook. One of the important milestones - *Ningbo Consensus of Euro-China Green and Smart City* was also issued during the Summit by Mr. Olivier Chartier (Cabinet Director of Jean-Pierre Raffarin, representative of Prospective & Innovation Foundation) and Mr. Feng Kui (Secretary-General of the Academic Committee of China Center for Urban Development).



The Summit welcomed near 200 participants including city delegations, enterprise representatives and academics from China and Europe. 17 famous Chinese media such as Xinhua News Agency, People's Daily and China City News covered the event with detailed reports.

Mr. Chris Wood (Deputy Head of the EU Delegation to China) pointed out firstly the growing cooperation between the EU and China in green and smart city development including collaborations on urban liaising, pilot projects, and technology development. Especially, six important areas (urbanization, green buildings, green transportation, vehicle management, clean air, and green finance) are becoming the paths for EU-China governmental urban cooperation. He highly appreciated the participation of cities from Europe and China, and encouraged deeper and broader exchanges between them.

Ms. Zhao Baige emphasized the role of various stakeholders in the EU-China green and smart city development. She recognized the fundamental support and impetus from the governments. Meanwhile, she highlighted the indispensable contribution from enterprises and citizens. The former makes the concept a reality through their products and services, while the latter ensures the solid implementation of the solutions and makes the real change.



Mr. Jean-Pierre Raffarin sending his support to the event through the video



Mr. Li Tie giving opening remark during the Summit



Mr. Chris Wood giving opening remark during the Summit



Ms. Zhao Baige giving keynote speech during the Summit

Mr. Li Tie shared the particular urban development history of China and the specific challenges caused by the extremely rapid urbanization. He highlighted the strong pressure of China to develop sustainable cities and the huge opportunities brought by the technology innovation. He mentioned some similar issues raised by the uprising technology innovations in the Chinese and European market such as the car-sharing service, but he called for more tolerance and guidance to these innovations, and appealed the EU and China to share not only experiences and knowledge, but also the market.



Ms. Luan Jie giving opening remark during the Summit



Ms. LI Guandi giving opening remark during the Summit

The first round dialogue focused on Characteristic Models. Wroclaw, Tampere, Cork, Handan, Macau, Haishu District from Ningbo City shared their adapted green and smart city strategies. The discussion also went to different ways of public mobilization. Public survey, instant data gathering, media, open data sharing, digital governance even tourists mobilization were brought up as channels to incorporate the public into the green and smart city development process.



The second dialogue discussed about the innovation. Alexandroupolis, Riga, Oulu, Stockholm, Huzhou, Taicang introduced their innovations in terms of waste heat recovery, cocreation ecosystem using blockchain technologies, new urban planning concept using 3D modeling technologies, smart household system and smart grid, zero emission public transport, big data application for public service, etc. The participating cities discovered inspiring initiatives and talked about many opportunities to cooperate in the future.

The last panel exchanged on the topic of Development Outlook. Stavanger, Acquappesa, Sonderborg, Angoulême, Yingtan, Jiaying, Zhenjiang shared their green and smart city targets and the concrete actions to achieve them. While being positive about the ongoing actions, representatives from these cities also pointed out some major challenges such as the urgent timing to limit the temperature increase to 2 degree, the difficulty to shift the energy structure, and insufficient public awareness and knowledge about green and smart city development.





Mr. Shi Xin(Deputy Team Leader of the IUC Asia) and Mr. Shen Chi (Deputy Director of China Center for Urban Development) concluded the Summit with their high appreciation of the inspiring and fruitful discussions. They emphasized the importance of green and smart city development and the big cooperation space between EU and China.

The Ningbo Consensuses, issued during the Summit, laid down the cornerstone for further cooperation between EU and China. The "Ningbo Consensus" pointed out that the joint statement issued by Chinese and European leaders on several occasions, including the Joint Declaration on China-EU Partnership on Urbanization announced by China and the EU, and other various policy frameworks between China and the EU have provided important guidelines for China-EU green and smart city cooperation. Green and smart city cooperation, rooted in the people-oriented principle, focuses on demonstration and knowledge-sharing, emphasizes technical support, and will be committed to model innovation. All the stakeholders will explore ways to promote the project through project planning,

talent training, professional consultation, attracting investment, and setting up funds. In the future, China and the EU will promote the establishment of a cooperative liaison mechanism, develop a network platform for project exchanges, formulate action plans for three years and beyond, and form an exchange mechanism.

The delegations also visited the 8th Smart City Fair to gain an in-depth understanding of smart city solutions from well-known Chinese companies such as Alibaba Cloud and Tencent.

## 2018 Euro-China Green & Smart City Awards

The Euro-China Green and Smart City Awards aims at rewarding outstanding achievements in the fields of green and smart cities, as well as cities and enterprises making outstanding contribution to the development and cooperation of EU-China Smart Cities. The awards includes four city awards, namely, Excellence Awards, Forerunner Awards, Industry Innovation Awards, Technology Innovation Awards and one Euro-China Star Enterprise Awards. This year, 16 out of 54 Chinese cities and 12 out of 16 European cities won the honors after strict apprising and evaluating by leading experts.



Haidian District of Beijing City, Stockholm, Huzhou, Wroclaw were awarded Excellence Award because of their leading and complete

projects. Zhenjiang, Tampere, Shenyang, Cork, Handan, Stavanger, Yingtan, Angers, Jiaxing, Taicang, Haishu District of Ningbo City were awarded Forerunner Awards. Macau, Riga, Guigang, Oulu, Benxi, Alexandroupolis won the honor of Technology Innovation Awards. Laohekou, Angoulême, Yanji, Acquappesa, Ningling, Sonderborg won the honor of Industry Innovation Awards. Furthermore, two companies from Europe and China – Nokia and IFLYTEK were awarded Euro-China Star Enterprise because of their deep engagement in the green and smart city development. Ningbo was delivered the Special Honorary Award for the important support as the host city.



Mr. Jean-Pierre Raffarin (Former Prime Minister of France, Special Envoy for China of the French President, and Chairman of Prospective & Innovation Foundation), sent a congratulatory message to all the award-winning cities and institutions and the China-Europe Green and Smart City Awards series. He pointed out that the third edition is providing an excellent platform for the sustainable cooperation between China and Europe, and we will continue to promote cooperation between cities and enterprises in China and Europe through various forms. Mr. Olivier Chartier completed during the interview: "Euro-China green and smart city cooperation is not limited to China or Europe, but should be combined with the Belt and Road Initiative to promote the construction of green and smart cities in the Belt and Road region."

# Candidate Cities from Europe

This year, 16 cities from 11 countries in Europe participated actively in the selection of 2018 Euro-China Green and Smart City Awards. They are: Acquappesa (Italy), Alexandroupolis (Greece), Angers (France), Angoulême (France), Milan (Italy), Cork (Ireland), Oulu (Finland), Reus (Spain), Palencia (Spain), Riga (Latvia), Sonderborg (Denmark), Stavanger (Norway), Stockholm (Sweden), Tampere (Finland), Valencia (Spain), Wroclaw (Poland).

This year's candidates covered the northern, southern, eastern and western Europe, representing advanced green and smart city solutions addressing different challenges in regions with different geographical and cultural characteristics.

The northern-European cities excelled particularly with their leading roles in several Europe-scale projects. For example, Stockholm

introduced “GrowSmarter”, an European program which brings together cities and industry to integrate and demonstrate “12 smart city solutions” in energy, infrastructure and transport, to provide other cities with valuable insights on how they work in practice and opportunities for replication. As one of the lighthouse cities of “GrowSmarter”, Stockholm has already implemented the 12 solutions and achieved excellent green achievements. Another candidate Cork is also integrating five of the 12 solutions as a follower city of “GrowSmarter”. Similar examples refer to the “Triangulum” project led by Stavanger, the “Stardust” clean energy project led by Tampere, the “SmartEnCity” program led by Sonderborg, as well as the model project for a sustainable northern winter city initiated by Oulu.

Besides the large scale projects demonstrating the solidary ambition of Europe in building green and smart cities, many other candidates have shown their adaptability and creativity with solutions corresponding to their particular urban circumstances. For instance, as the first European city crossed by the TAP (Trans Adriatic Pipeline), Alexandroupolis recovered the waste heat generated in the TAP station to support the provision of their heating network. Riga, grasping the blockchain technology, built the Smart Co-Creation Ecosystem (Scc-E), which provides a more efficient platform with available data for Public-Private-Partnership(PPP). Acquappesa is a small city with a surface of only 14 km<sup>2</sup> and a population of 1900 people, but it elaborated the pioneer SEAP (Sustainable Energy Action Plan) and SUMP (Sustainable Urban Mobility Plan) with complete and clear actions and targets. Angoulême, taking into account their rich but endangered biological patrimony, focused on the protection of biodiversity with their “Trame Verte et Bleue (Green and Blue Ecosystem) project, mobilizing citizens to censure and protect the various species together.

## **Candidate Cities from China**

In 2018, there are in total 54 cities in China participated in the selection. From different provinces with different sizes and economic levels, these cities represented the diversity of Chinese smart city development. In general, cities in the East possess better technology infrastructure and implemented more advanced green and smart city solutions, while some inland cities leveraged their regional advantages to build up their green and smart city plan and tried to fill the gap by learning from domestic or international experiences.



many pilot cities of National Smart City Plan such as Benxi, Guigang, Handan, deployed the green and smart solutions for various aspects: smart mobility, smart education, smart healthcare, smart administration, which facilitated greatly the citizen life.

## Euro-China City & Enterprises Matching and Exchange Event

On the 8<sup>th</sup> September, 12 cities and business delegations from Europe conducted face-to-face exchanges with more than 50 cities and business delegations in China. Among them, Handan and Oulu reached a preliminary cooperation intention on renewable energy cooperation. The Henan province delegation had an in-depth exchange with Alexandroupolis on geothermal heating. Cork explained in detail the “GrowSmarter” project to counterparts such as Ningbo Daxie Development Zone, Huzhou Digital Management Center, City University of Hong Kong, etc. The preliminary cooperation connections are also established between Zhenjiang and Stockholm, Yingtan and Wroclaw.



In addition to cities, the Matching and Exchange Event also attracted the participation of local enterprises in Ningbo including but

not limited to: Ningbo International Investment Bureau, Municipal Land and Resources Bureau, Ningbo Broadcasting and Television Group Industrial Development Department, Ningbo Industrial Investment Group Financial Development Department, Ningbo Mould Industrial Park Investment Management, Ningbo Zhongce Power, etc.



Besides, Ningbo International Investment Promotion Bureau and Europe Selection Technology have conducted in-depth discussions on the construction of the EU-China Ecological Industry Park. Europe Selection Technology is also the executive partner of the 2016 Euro-China Green and Smart City Award-winning project. Also, Ningbo Aerospace the Ningbo Ninghai County General Aviation Industry Base had substantive exchanges with the French Company G1 AVIATION, exploring the possibility of the introduction of French light aircraft manufacturing, cooperation on flight training, air entertainment and air travel. Some field visits will be conducted shortly.

## Annexe: List of VIP participants

### Europe

Chris	WOOD	Deputy head of the EU delegation to China
Olivier	CHARTIER	Cabinet Director of Jean-Pierre Raffarin
Axel	CRUAU	Consul General of France in Shanghai
Gilles	BARISSAT	CEO of EUROPEXPO
Iben Bolund	NIELSEN	Project Manager for the SmartEnCity Project of Sonderborg
Brigitte	RIEBEN	Mrs. Iben NIELSEN's companion
Aase	NYEGAARD	Head of the Technology and Environment department of Sonderborg
Lars Blædel	RIEMANN	CEO of Sonderborg Forsyning
Wei	CHE	Representant of Danfoss
Sanna Mari	HUIKURI	Sustainable Development Designer for Tampere
Maarit	VEHVILÄINEN	Project Manager for STARDUST Tampere
Matti Olavi	MATINHEIKKI	Director of Urban and Environment Service for Oulu
Pekka	SEPPÄLÄ	Director of Building Supervision for Oulu
Leena	KALLIONIEMI	City Planning Architect for Oulu
Susan	LI	Cork's representative in Shanghai
Gabriella	ABATE	Deputy Manager of Acquappesa SEAP-SUMP project
Santo	ABATE	Responsible of Acquappesa SEAP-SUMP project
Timurs	SAFIULINS	Riga municipal agency "Riga Energy Agency" director
Jevgenijs	LATIŠEVŠ	Riga municipal agency "Riga Energy Agency" international project manager
Arturs	GUSJKO	Director of Better Cloud Solutions Ltd.
Gerd	SEEHUUS	Head of projects in the Department for Environmental and Urban Development of Stavanger
Per Erling	FJELD	Senior Bussiness Manager for Lyse

Chunming	RONG	Head of the ICT innovation center at the university of Stavanger
Gustaf Mårten	LANDAHL	Head of the Environment and Health Administration of Stockholm
Lisa	ENARSSON	Project manager from the Environment and health administration of Stockholm
Lance	LEE	Regional President China of ENVAC Shanghai
Theodoros	GIOVANAKIS	Manager of the electrical and mechanical department of Alexandroupolis
Ioannis	FALEKAS	Vice-Mayor of Energy and Natural Resources of Alexandroupolis
Agnieszka	HADAS	Chief Specialist Development and Maintenance of ITS System from the Road Management and City Maintenance of Wrocław
Katarzyna	POMIANOWSKA	Director of the Department of Sustainable Development Municipal Office of Wrocław
Sylvain	POTHIER	Responsible for Territorial Influence and City Image of Angoulême
Christophe	ROUILLON	Director of ESSCA Shanghai
Yuhui	SUN	General Manager of ENVAC Beijing

## **China**

LI	Tie	President and Chief Economist of China Center for Urban Development
SHEN	Chi	Deputy Director of China Center for Urban Development
ZHAO	Baige	Vice Chairman of the 12th NPC Foreign Affairs Committee, Chairman of RANDI Expert Committee
ZENG	Jingyi	Host of Jinshi Finance, Phoenix TV
MAO	Guanglie	Adviser of China Info100, Former Vice Governor of Zhejiang Provincial People's Government, Former Vice Chairman of Zhejiang Provincial People's Congress, and Director of Zhejiang Intelligent Manufacturing Expert Committee
JIANG	Jiehong	Chief Operating Officer of H. Brothers Sunrise Oriental
LUAN	Jie	Consultant of the Department of High-technology Industries of NDRC
ZHU	Mengxing	Head of the People's Government of Haishu District
YA	Yongjian	Deputy Director of the Mapping and Cadastral Bureau of the Macao Special Administrative Region Government
ZHANG	Zhuang	Member of the Standing Committee of the Guigang Municipal Committee and Executive Deputy Mayor
XU	Chaozhen	Deputy Mayor of Taicang Municipal People's Government

ZHANG	Xuelin	Laohekou Municipal Party Committee Secretary, Mayor
LI	Zhenxing	Secretary of the CPC Ningling County Party Committee
QU	Gang	Benxi Municipal Standing Committee, Minister of United Front Work
GAO	Heping	Deputy Mayor of Handan City Government
ZHANG	Ping	Director of the Development and Reform Commission of Bengbu City
YANG	He	Deputy Director of Jiaxing New Smart City Construction Leading Group Office
SHI	Genbao	Deputy Mayor of Huzhou Municipal People's Government
SHUI	Xudong	Deputy Mayor of Yanji
GAO	Huaxiao	Deputy Mayor of Yingtan City
HE	Jianwu	Director of Economy and Informatization Office of Haidian District, Beijing
YUE	Weiping	Deputy Director of Zhenjiang Municipal People's Congress
TONG	Jianjun	IFLYTEK Smart City bg Vice President / Chief Engineer
QIU	Dongyao	Mayor of Ningbo Municipal Government
LIU	Xueying	Professor of Zhejiang Water Conservancy and Hydropower College, State Council Special Expert
LIU	Dongzhe	Research Assistant, City University of Hong Kong
ZHANG	Qi	Chairman of Shangwei Media
ZHANG	Jin	Chairman of You Chang Consulting
LIN	Zhencheng	Senior Manager of Macau Science and Technology Development Fund
LI	Wei	Vice President of Haohua Holdings
ZHANG	Guofu	Zhongjin Construction Group Co., Ltd.
HE	Xin	Key Account Manager of Hong Kong Jianye Group
XI	Liya	Deputy General Manager of Qingdao Huarui Parking Technology Development Co., Ltd.
SU	Wei	Investment Director of Shanghai Xingyue Investment Management Co., Ltd.

