



In an interconnected world, The Internet of Things is reshaping industries and driving socio-economic changes around the globe. Through real-time data sharing and networking of information, IoT applications across transportation, agriculture, energy, and healthcare are improving quality of life and can advance the Sustainable Development Goals.

Only by working together can we ensure that frontier technologies like the Internet of Things and Artificial Intelligence serve humanity – bridging divides, uplifting lives, and leaving no one behind.

I wish you a productive convention. Together, let us harness innovation to shape a better tomorrow.

11

## **Contents**

Plans of WIOTC 2024 4-16

Introduction of WIOTC Events
17-30

Profile of WIOTC 31-38

Internet of Things is a world ecological network combining digitalization, informatization and intelligence, and it is a global carrier where digital economy, real economy and new generation of information technology integrate with each other.

Internet of Things is another great change and revolution - -" wisdom revolution" after the agricultural revolution, industrial revolution and information revolution, which represents the human society.











# WIOTC 2024 第九届世界物联网大会

November 2024 Beijing, China 2024年11月 中国·北京

We look forward to your participation and cooperation! 期待您的参与合作!



扫码关注

联系方式/ Contact Us 010-83683677 010-83683679 365@wiotc.org www.wiotc.org



## **World Internet of Things Convention 2024**

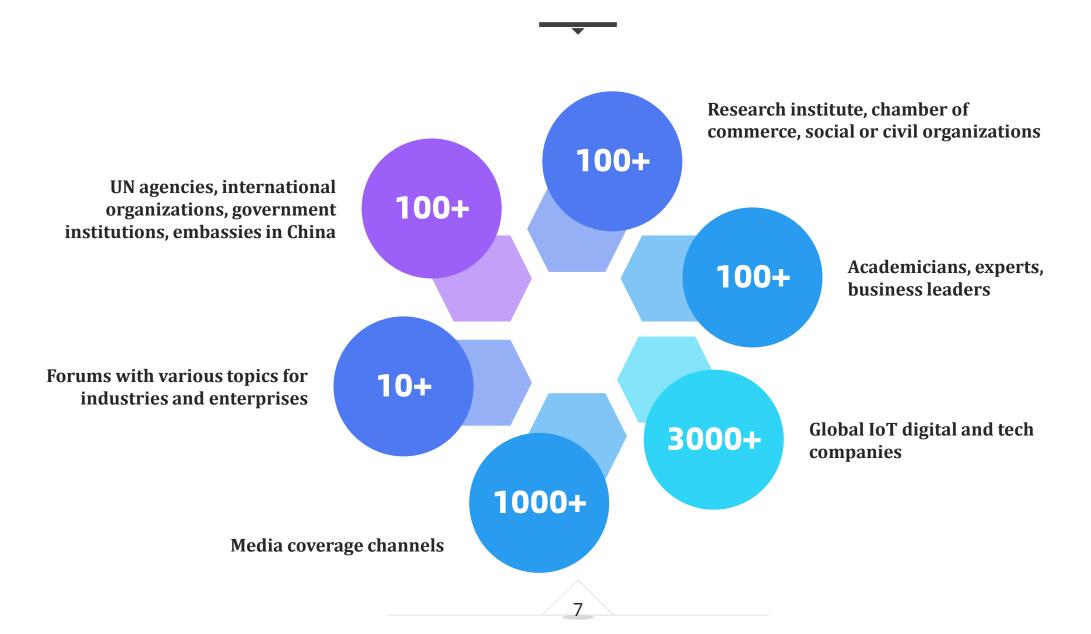


November, 2024, Beijing, China

- Theme
  - A Fully Connected New World with a New Future for Digital Economy
- Scale
  3000 participants
- World Internet of Things Convention
  China Mobile Communications Association
- Co-organizer
  World Green Design Organization
  World IoT Research Institute
  IoT Innovation Alliance



## **Estimated Scale of WIOTC 2024**





## **Highlights of WIOTC 2024**

Focus on the development of interconnected digital economy, support the transition and upgrading of enterprises and promote the building of the intelligently interconnected global market of digital economy

#### **International Annual Event**

A global annual event focusing on digital economy that is fully interconnected, which is strongly supported by the United Nations, UN agencies, international organizations, research institutes, chambers of commerce, and companies.

#### **Release of Outcomes**

Release the World Intelligently Interconnected Digital Economy White paper; Release the Global Demonstration Enterprise of Intelligently Interconnected Digital Economy, and Outstanding Cases in the Fully and Intelligently Connected Digital Economy.

#### **Prizes and Awards**

We release the World IoT Awards to select leading and outstanding enterprises, leading and outstanding persons as well as innovative projects and help companies improve international influence by awarding them prizes and certificates with our years of qualification.



#### **Cooperation Exchanges**

We can promote international cooperation through matchmaking and exchanges with government agencies, local industrial parks/development zones, scientific institutions, IoT digital economy and technological enterprises.

# **Expansion of Industrial Chain and Ecological Market**

With a pool of IoT digital and tech companies, we can help expand the ecological market and industrial chain of enterprises, support companies in the transition and upgrading of digital economy and improve their popularity in the industry.

#### **All-round Media Promotion**

With over one thousand media resources covering our organization and events, we can help improve the influence of enterprises and its exposure of brand and use media resources to cover the news about the company, and its products and solutions.



## **Scheduled Agenda of WIOTC 2024**

# Opening Ceremony

Leader's Speech, Keynote Report, Academician Report, and Thematic Speech By World Top 500 Enterprise



#### Ambassador Forum

Keynote Speech/ Roundtable Dialogue by Ambassadors Of various countries in Chinas



#### World New Economic Forum

Applications And Cases Presentation(Global Digital And High-tech Enterprises)

Entrepreneur's Roundtable Dialogue (International Organization/Research Institute/Chambers of Commerce/Company)



#### Parallel Industrial Forums

Parallel Sessions On Industry, Agriculture, Energy, Vehicles, Transportation, AI, Smart Life, Healthcare, Logistics, Finance, Smart City, Security, Etc.

Thematic Session On Standardization And Others.



# Awarding Ceremony

Release And Awarding Ceremonies of the Intelligently Connected Digital Economy Excellent Cases and Demonstration Enterprises, World IoT Awards 2024



#### International Cooperation Forum

Solutions, Products And Technology Presentation By Digital And Tech Companies

Cooperative Exchanges on International Investment



# **Advanced Digital Economic Forum**

Thematic Speech (for company)

Digital Economy Roundtable (Europe/Asia/Middle East/ASEAN Region/Africa)



## **Scheduled Agenda of WIOTC 2024**

#### **IoT World Fair**

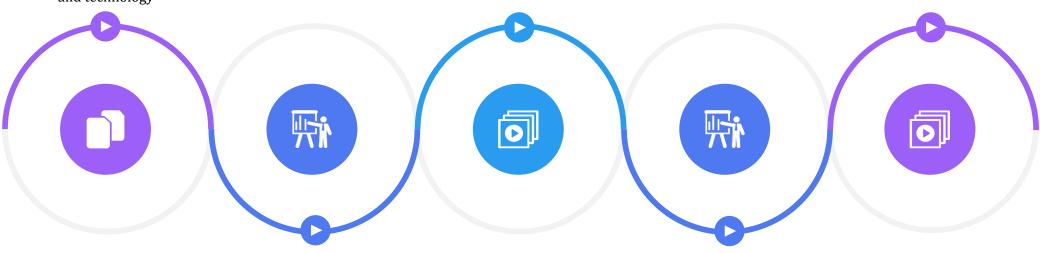
Online and offline exhibition of IoT digital and tech companies 'products, solutions and technology

#### **Special Forum for Enterprises**

Release of latest products, technology and solutions

#### **Investment Promotion Roadshow**

Promotion sessions and exhibitions



#### State Promotion Guest of Honor Country Event

Sharing of target country's investment environment, policy and projects

## **Government/ Local Industrial Park Investment Session**

Sharing of investment climate, policy and projects by local government/ high-tech zone/ industrial park



#### **Exclusive Events-World IoT Awards**



#### **World IoT Awards**

In order to drive the development of IoT and digital economy, promote the progress of world economy and society, help to deliver benefits to people in terms of life and work, and contribute to the achievement of the UN Sustainable Development Goals and the building of a community of shared future for mankind, the World Internet of Things Convention (WIOTC) therefore establishes the World IoT Awards to encourage and commend enterprises, government institutions and organizations from all over the world which have made and are making contributions to the innovative development of IoT and digital economy across the globe.

Having been held for four years in a row, World IoT Awards include such awards as "WORLD IOT SPECIAL CONTRIBUTION AWARD", "WORLD IOT PROMOTION AWARD", "WORLD IOT LEADING PERSON AWARD", "WORLD IOT OUTSTANDING PERSON OF THE YEAR AWARD", "WORLD IOT LEADING ENTERPRISE AWARD" and "WORLD IOT INNOVATION PROJECT AWARD".

The WIOTA application is usually launched between July and september. The Awards will be announced to the world at the World Internet of Things Convention (annual conference) while the awarding ceremony will be held for award winners at the same time.



**Category-Person:** open to global renowned academicians, experts, and scholars; leaders from international organizations, government agencies and business associations; chairmen, presidents, CEOs, general managers from enterprises associated with IoT digital economy and technology.



**Category-Enterprise:** open to all enterprises related to IoT digital economy and technology.



**Category-Project:** open to all cutting-edge and innovative outcomes, products, technologies and solutions.



#### **Exclusive Events-World IoT Awards**

#### **Special Enterprise Session**

The session is targeted at IoT digital and high-tech companies. Here they can speak, share views on or release their products, technologies, solutions. At the same time, academicians and experts will join the session to share their report; companies can introduce the situation of frontier technologies. The session can be hosted or co-organized by companies.

Duration: one to four hours

Scale: 200 to 500 participants

For example, Forum on the innovative application of big language module in smart home organized by Haier Smart Home;



#### **Industrial/Thematic Forum**

The industrial/ thematic forum is conference sub brand of WIOTC focusing upon the fields of industry, agriculture, energy, AI, Auto Intelligence, transportation, logistics, culture, tourism, healthcare, smart life, finance, etc. The forum can be hosted or co-organized by industrial associations or companies.

Duration: Between half day and one day

Scale: 100 to 200 participants

For example, Industrial IoT Forum, AI Forum, Transportation and Auto Intelligence Forum.





## **Exclusive Events-World IoT Awards**

# Investment Promotion Forum (by local government/ high-tech and industrial parks management agency)

The investment promotion session or roadshow is an event centering on business or investment attraction as well as implementation of projects, which can be organized by local governments, economic development zones, and industrial parks.

Duration: two to four hours

Scale: 200 to 500 participants

For example: Sichuan Yingshan (Beijing) Investment Forum



#### **Business Promotion Roadshow**

The business promotion roadshow is an event of promoting the organizer's events and exhibitions, at WIOTC's important events. The organizers of famous event and exhibition can apply for hold the roadshow at our important events..

Duration: between one hour and three hours

Scale: 100 to 200 participants

For example, WAIC Circle Beijing.





### **IOT WORLD FAIR Exhibition**











#### **Exhibition Area:**

> 3000m²

#### **Planned Contents:**

- National image exhibition
- Local government and industrial park exhibition
- Expo for products and solutions in AI, industrial IoT, agriculture, energy, Transportation and Auto Intelligence, smart life, healthcare, smart city, security and other fields

#### > Forms of Exhibition :

- Special exhibition hall (over 26m²)
- Standard booth (9m³)



## **Major Guests of WIOTC 2024 (Scheduled)**

Leaders of UN Headquarters ,UN agencies (ITU, UNIDO, UNESCO, UNDP and UNCTAD) and international organizations (ISO, IEC, IEEE, CENELEC, GSMA, etc), officials of government agencies, diplomatic envoys of embassies in China (from France, UAE, Pakistan, Armenia, Azerbaijan, Rwanda, Brazil, Singapore, South Africa), representatives of chamber of commerce, executives of companies will be invited to participate in the WIOTC 2024.





## **Invited Enterprises of WIOTC 2024**

Global IoT digital and high-tech companies will be invited to join the annual convention.























































































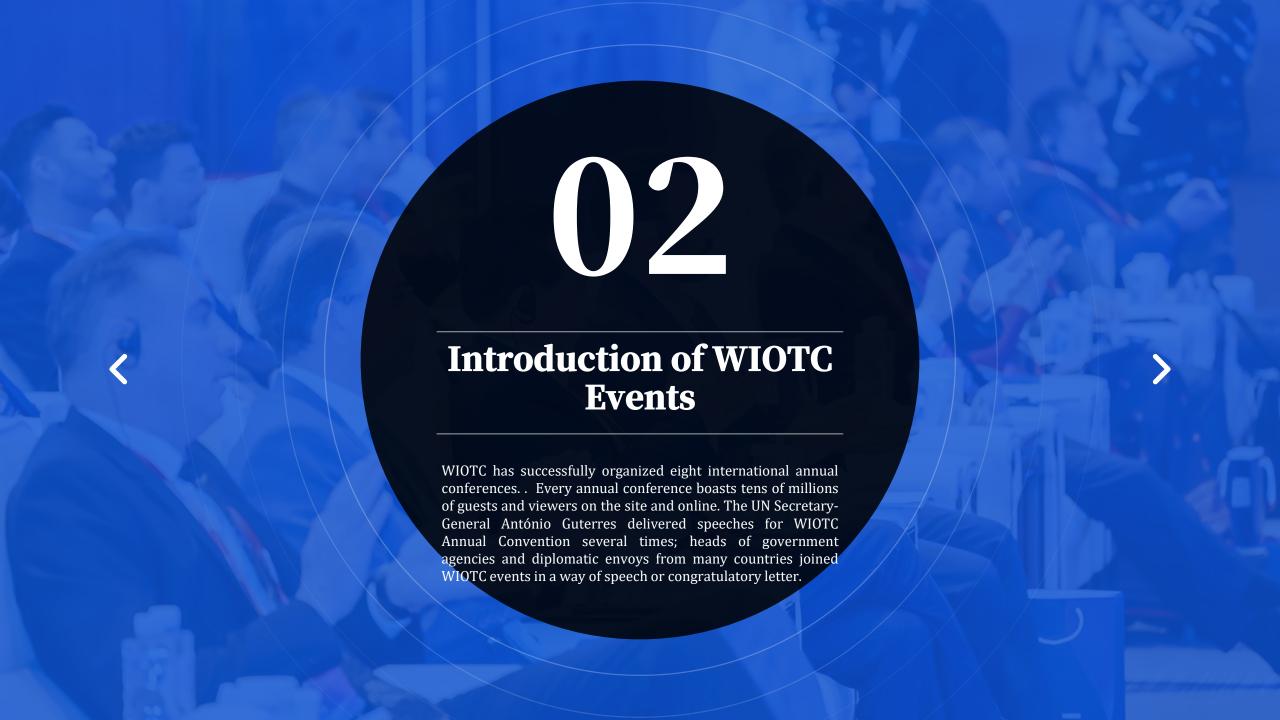














## **Brand Advantages**

#### **Global Participation**

Leaders from the United Nations and UN agencies including UNESCO, ITU, and UNCTAD, international organizations such as ISO, IEC, and IEEE, regional intergovernmental organizations like the European Union and ASEAN as well as representatives from nearly one hundred countries joined WIOTC events in a way of speech or congratulatory letter.

#### **Multifield**

Covering 17 fields including industry, agriculture, energy, logistics, smart city, artificial intelligence, health care, ecological environmental protection, security safety, transportation auto intelligence, military technology, chemical industry, culture and education, tourism, public affairs, aerospace and finance.

## **Multiple Events**

We have successfully organized and convened **eight annual conferences** (2016-2023 WIOTC) and **over 200 international forums and summit sessions**.



#### **New Concept**

WIOTC has established the top-level architecture system of the World IoT, innovated the definition of IoT, proposed the concept and cognition that IoT represents the "Wisdom Revolution". The organization has also created the world IoT Ranking List (Top500), World IoT Awards, and IoT World Fair. It has released the Initiative "Build the Intelligently Interconnected Global Market of Digital Economy", World IoT White Paper and Beijing Declaration on World IoT.

#### **Rich Resources**

WIOTC has forged friendly relations with ITU, UNESCO, UNCTAD, UNIDO, UNDP, ISO, IEEE, CENELEC, WFEO as well as agencies and diplomatic envoys form **more than 100** countries and pooled over **30** international IoT organizations, standards organizations and **tens of thousands of IoT enterprises**.

### **High Focus**

Our events have been reported and reproduced by more than 1,000 media around the world, including CGTN, CCTV, Xinhua News Agency, China News Service, PR Newswire, Bloomberg, AFP, News Corporation, etc.; mainstream media such as the CPC official journal, Chinese ministerial-level newspapers and magazines and industry media reported and our events and forwarded news about us; think tanks of various countries collected WIOTC reports. Our media exposure amounts to 2 billion.



### **Review of Past Events-Annual Convention**

WIOTC has successfully organized eight international annual conferences with global scale – World Internet of Things Convention (2016 WIOTC · Beijing Summit, 2017) WIOTC · China Summit, 2018 WIOTC, 2019 WIOTC, 2020 WIOTC, 2021 WIOTC, 2022 WIOTC, 2023 WIOTC) and 200 plus international forums and summit sessions. Every annual conference boasts tens of millions of guests and viewers on the site and online. The UN Secretary-General António Guterres delivered speeches for WIOTC Annual Convention several times and his speech was published at the UN Official Website.

















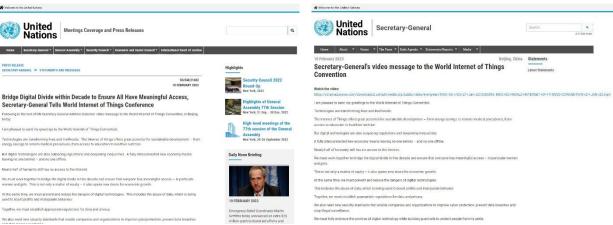




#### **International Influence**

The UN Secretary-General António Guterres delivered speeches via video and written formats for the WIOTC Annual Convention Which can be searched and read at the United Nations official website. The convention is reported by the website of the Central People's Government of the PRC.









### **International Influence**

Government officials and representatives from more than 100 countries including China, United States of America, Germany, France, Russia, Japan, Canada, Australia, Singapore, Philippines, and Brazil, to name just a few, participated in WIOTC events personally or delivered keynote speech or sent congratulatory letters. In particular, the Philippines' President then sent congratulatory messages and delivered written speeches for consecutive 4 years for WIOTC Annual events. The former French Prime Minister and Special Representative of French President for China Affairs Jean-Pierre Raffarin attended WIOTC activities several times. Government ministers from multiple countries also joined and spoke at WIOTC events.







































lti-cultural relations, and have cultivated knowledge-based industri

that make use of information and communications technologies to spu growth in our economy. New investments in people and innovations will bring forth economic development that is australable and consistons with our

and other international organizations, may this World Internet of Thing Convention Summit in Beijing be a successful event. I wish everyone a meaningful and engaging gathering.

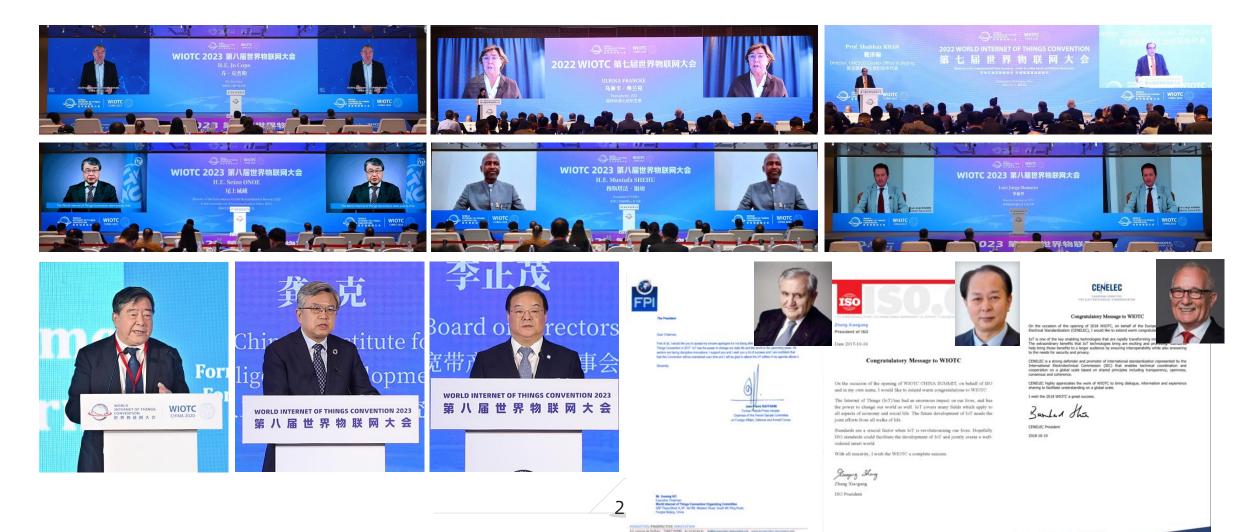


MANILA



### **International Influence**

Leaders of UN agencies, EU, ASEAN and other international organizations such as UNESCO, UNCTAD, UNDP, UNIDO, ITU, ISO, IEC, IEEE, WFEO, CENELEC, ETSI, GSMA, FPI, WGDO, WBBA, etc. joined WIOTC events in the format of speech or congratulatory letter.





## **Major Participating Groups (In Part)**

#### **Government, International Organization, and Institute**









Ministry of Information Technology & Telecommunication





REPUBLIC OF THE PHILIPPINES

DEPARTMENT OF INFORMATION AND COMMUNICATIONS TECHNOLOGY



















International Electrotechnical Commission















































## **Major Participating Groups (In Part)**

#### Over 10,000 Global IoT technological enterprises join WIOTC events



































































































































## **Major Distinguished Guests (In Part)**

## Governments, International Organizations and Academia



The UN Secretary-General António Guterres



Former French Prime Minister Jean-Pierre Raffarin



The 16<sup>th</sup> Philippine President Rodrigo Duterte



Pakistan Federal Minister of ICT Syed Amin ul Haque



Armenian Minister of High-Tech Industry Robert Khachatryan



Iranian President of CPDI Sirous Vatankhah Moghaddam



Philippine Undersecretary for ICT Jocelle E. Batapa-Sigue



German Ambassador to China Clemens von Goetze



Greek Ambassador to China Evgenios Kalpyris



UAE Ambassador to China Ali Obaid Al Dhaheri



Bosnia and Herzegovina Ambassador to China Berjan Sinisa



Cyprus Ambassador to China Martha Mavrommatis



Moldovan Ambassador to China Dumitru Braghis



Nicaragua Ambassador to China Michael Campbell



ISO President Ulrika Francke



IEC President Jo Cops



ITU TSB Director Seizo Onoe



UNESCO Beijing Office Director Shahbaz Khan



WFEO President Mustafa Shehu



CENELEC President Bernhard Thies



ETSI Director General Luis Jorge Romero



## **Major Distinguished Guests (In Part)**

### **Governments, International Organizations and Academia**



Standing Member and Secretary-General of the 12<sup>th</sup> CPPCC HE Pijie



Standing Member of the 13<sup>th</sup> CPPCC Zhang Qin



Former Councilor in China's State Council SHI Dinghuan



Former Vice Minister of IDCPC
YU Hongjun



Former Secretary-General of CPC Publicity Department Guan Jinghui



Former Chinese Vice Minister of Health Yin Dakui



Former General Manager of China Telecom Corporation LI Zhengmao



Chinese Academy of Engineering Academician LI Bohu



Chinese Academy of Engineering Academician WU Hequan



Chinese Academy of Science Academician MEI Hong



Chinese Academy of Engineering Academician GAO Wen



Chinese Academy of Engineering Academician NI Guangnan



Chinese Academy of Engineering Academician ZHAO Chunjiang



Russian Academy of Cosmonautics Academician GONG KE



Amcham China Vice President Roberta Lipson







## **Global Media Coverage**

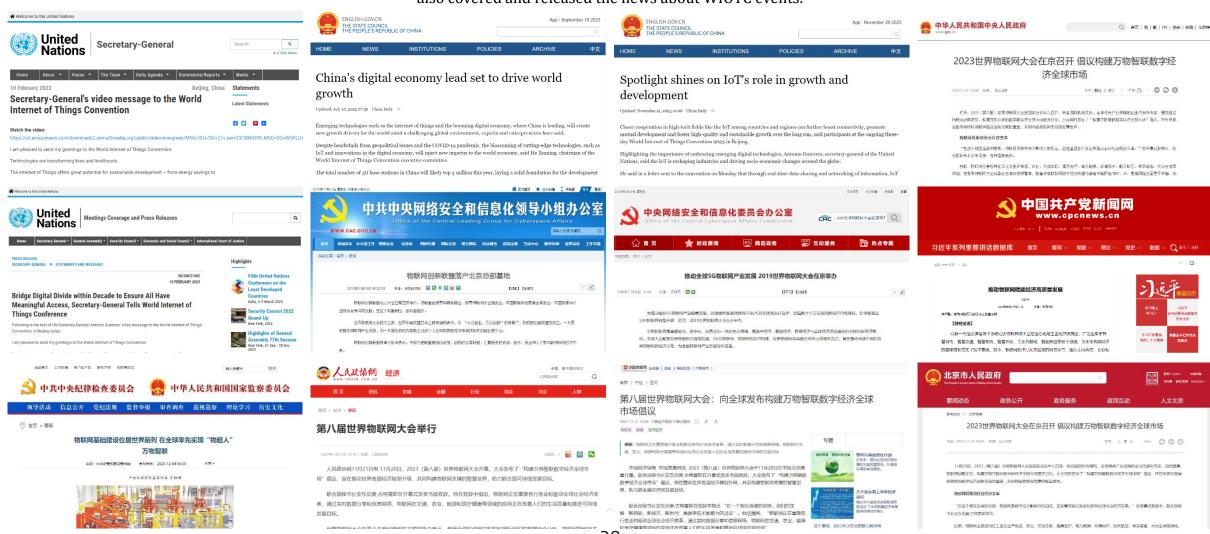
The **World IoT Top 500 Summit** every year has attracted the attention of media as hundreds of mainstream media sources including PR Newswire, Xinhua News Agency, Europe Press, Forbes magazine, CGTN, CRI, Nouvelles D'Europe, People's Daily, CNR News, Yahoo Finance, China Daily, CPPCC, Phenix TV, China's Foreign Trade, and so on covered the event.





## **Global Media Coverage**

The United Nations official website, official website of the State Council of China, CPC News, Office of the Central Cyberspace Affairs Commission, etc also covered and released the news about WIOTC events.





## **Global Media Coverage**

# 1000 + Mainstream Media 2 Billion + Media Exposure

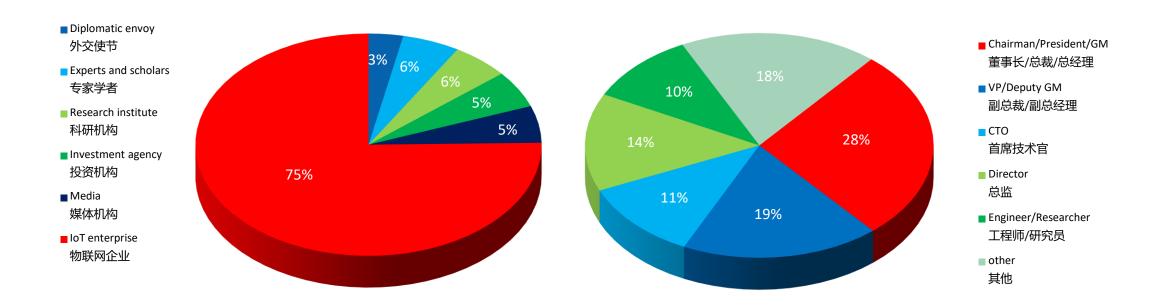
PR Newswire, CGTN, Xinhua News Agency, World News, CCTV and other mainstream media sources (including television, video channel, magazine and journal) covered and collected the news about WIOTC annual events and series of activities.





## **Data Calculation**

More than 10,000 participants attended WIOTC events, ranging from government high-rank officials to diplomatic envoys, from academicians and experts to top company executives.





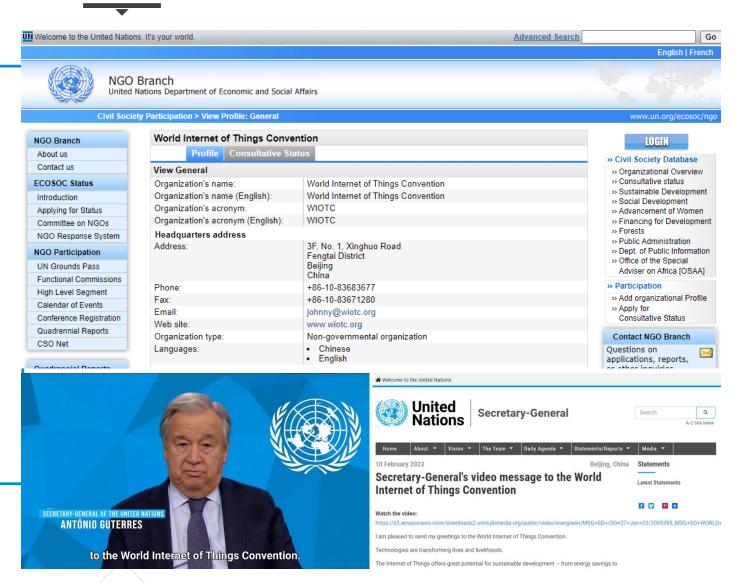


#### **Introduction of WIOTC**

# **WIOTC World Internet of Things Convention**

- An innovative and non-profit international organization
- A non-governmental organization recognized by the United Nations Economic and Social Council
- The most influential and authoritative organization focusing on IoT and digital economy in the world
- A high-end, cutting-edge and leading IoT convention as a worldclass event
- An international platform with attention by the UN Secretary-General (he addressed the WIOTC Annual Convention several times and his speech was published on the UN Official Website)







## Mission, Goals and Tasks

#### **OUR MISSION**

BUILD A SMART WORLD WHERE ALL THINGS ARE INTERCONNECTED

#### **OUR GOALS**

Promote the IoT construction and drive the innovative development of world economy and society under UN framework Contribute to the sustainable development goals of United Nations

#### **OUR TASKS**

Formulate IoT international convention and general standards
Support the building of IoT new economic market
Bridge the digital divide
Benefit the world people in terms of smart life and work





### **Research Outcomes**









- Creating a new concept that "Internet of Things" is another great change and revolution - 'wisdom revolution' after the agricultural revolution, industrial revolution and information revolution, which represents the human society".
- Originating a new cognition and definition of the IoT digital economy, that is, "IoT is a world ecological network combining digitalization, informatization and intelligence, and it is a global carrier where digital economy, real economy and new generation of information technology integrate with each other.".
- Compiling and publishing the world's first World Internet of Things White Paper and Beijing Declaration on the World IoT, launching the Initiative "Build the Intelligently Interconnected Global Market of Digital Economy"
- Establishing the World IoT Ranking List (Top500)
- Creating the model of IoT new economy and the digital economic system of 17 fields involving industry, agriculture, energy, transportation auto intelligence, aerospace, etc.



#### **WIOTC's Industrial Commissions**

WIOTC founded global commissions on industry, agriculture, energy, transportation & auto intelligence, smart life, logistics, healthcare, artificial intelligence, finance, culture, education & tourism and other fields.

Our commissions are committed to promoting the innovative development of world economy and society, narrowing the digital gap, strengthening exchanges and cooperation among the IoT digital technology enterprises, helping companies to build ecological markets of upstream and downstream industrial chains and supply chain, creating a global market and ecosystem of digital economy and industry supported by the internet of things, and establishing the general standards applicable to the enterprises as groups related to IoT digital economy.



























## **Exclusive Events-Ranking List Top 500**

#### **World IoT Ranking List Top 500**

Since its inception in 2017, the World Internet of Things Ranking List, known as WIOTRL, is committed to encouraging the innovation of IoT enterprises and organizations of all countries in the world, promoting the infrastructural construction of internet of things and the development of digital economy, supporting traditional companies in the transformation and updating of internet of things, building a new economic market of global internet of things, commending new structural models and systems of internet of things and new integrated intelligent products and solutions, boosting social progress and development of global new economy, benefiting people in terms of smart and intelligent life, work and production and contributing to the achievement of UN SDGs.

The WIOTRL Top 500 is the most influential and authoritative ranking list focusing upon IoT digital economy around the globe. Enterprises on the WIOTRL Top 500 account for two thirds of global digital economy, promoting and encouraging the development of IoT industrial economy. Having been released for consecutive seven years, World IoT Ranking List Top 500 (WIOTRL) has attracted the active participation of over 100 countries and hundreds of thousands of enterprises. The ranking has been greatly attracted and by thousands of media reporting the activity and forwarding related news as it has been also paid attention to by the international community.

The WIOTRL application is usually launched between January and February. The ranking list will be announced to the world at the World IoT Top 500 Summit held every year and the ceremony will be hosted for the companies appearing on the WIOTRL Top 500.













银榜



## **International Relations (In Part)**



**António Guterres UN Secretary-General** delivered a speech to WIOTC.



Nicholas Rosellini **UN Resident Coordinator** in China



**Nicolas Chapuis** EU Ambassador to China



**Houlin ZHAO** ITU Secretary-General



**Malcolm Johnson** ITU Deputy Secretary-General



Special Advisor to the ITU Secretary-General



**FAO Government Officer** 



**Zhang Xiaogang** ISO president (2015-2017

**Chae Sub LEE** 



Jean-Pierre RAFFARIN Former French Prime Minister



Tabaré Ramón Vázquez Rosas President of Uruguay



**John Walter** ISO president (2018-2019)



Sophie Clivio Former CTO, ISO



Shahbaz Khan

Director of UNESCO Office in

**Karen Bartleson** 2017 President, IEEE



Fatou Haidara

Managing Director,

UNIDO

**Maria VAN DER HOEVEN** Former economy minister, Netherland



Adebayo Shittu Minister of Information and Communications. Nigeria



N. Jahangard Deputy Minister of Information Communications, Iran



Nora K.Terrado Deputy Minister of Department of Trade and Industry, Philippines



**Tabaré Aguerre** Minister of Livestock, Agriculture and Fisheries, Uruguay



## **International Relations (In Part)**

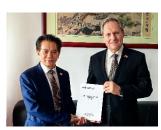
#### WIOTC leaders led the delegation to visit government institutions and embassies and participated in some international events



H.E. Evgenios Kalpyris Greek Ambassador to China



H.E. Hussam Husseini Jordan Ambassador to China



H.E. Dumitru Braghis Moldova Ambassador to China



H.E. Rafael Dezcallar Spain Ambassador to China



H.E. Sergey MANASARYAN Armenia Ambassador to China



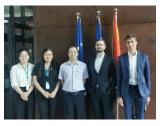
H.E. Vladimir Tomsik Czech Ambassador to China



H.E. Aldonov Álvarez El Salvador Ambassador to China



Visit the USA Embassy



Visit the French Embassy



Visit the Malaysian Embassy



Visit the Philippine Embassy



Visit the Swiss Embassy



Visit the Hungary Embassy



Visit the Spanish Embassy



World Internet of Things Convention (WIOTC) attended the **WSIS Forum 2017** as a representative of international organization.



He Xuming, Chairman of WIOTC delivered a speech on "IOT architecture standard is the key to sustainable development of smart city" at **2017 Qingdao Forum on International Standardization** 

You will be enriched by the insights on the future digital economy world, get the support of designing the strategic layout of the fully intelligent interconnections, grasp the opportunity of digital economy transition and explore the ecological market of industrial and supply chains.

Welcome government agencies, international organizations and tech companies to cooperate with us.



+86-10-8368 3677 | +86-10-8367 1280 365@wiotc.org | www.wiotc.org

# Thank you

Look forward to cooperating with you.