

## Parallel Session on International Cooperation on Standards for Prosperous Global Market

### 【Basic Information】

#### Moderators:

#### Opening Remarks and Thematic Speeches Sections:

Xiao Han	Director General, Department of Standards Innovative Management, State Administration for Market Regulation (SAMR)/ Standardization Administration of China (SAC)
----------	---

#### Panel Discussion Section:

Wu Yabin	Head of United Nations Industrial Development Organization Investment and Technology Promotion Office (ITPO) in Beijing
----------	---

#### Opening Remarks:

Sheng Qiuping	Vice Minister of the Ministry of Commerce of China
Jean-Marie Paugam	Deputy Director-General of World Trade Organization (WTO)
Chen Jie	Vice Mayor of Shanghai
Tian Shihong	Vice Minister of SAMR, Administrator of SAC

#### Thematic Speeches:

Judy Marks	Chair, Chief Executive Officer and President of Otis Worldwide Corporation
Philippe Metzger	Secretary General & CEO of International Electrotechnical Commission (IEC)
Javier García	Vice President of International Organization for Standardization (ISO), Director General of Asociación Española de Normalización(UNE)
Philip M. Piqueira	Chair of Board of American National Standards Institute (ANSI), Vice President of UL Standards & Engagement
Scott Steedman	Director-General Standards and Executive Director of British Standards Institution (BSI)

Shu Yinbiao	Academician of Chinese Academy of Engineering (CAE), the 36th President of IEC
Christopher Millward	President and Chief Representative of Beijing Office of United States Information Technology Office (USITO)

### Achievement Announcement:

Li Yubing	Deputy Director General, Department of Standards Innovative Management, SAMR/SAC
-----------	--

### Panel Discussion:

Zheng Tianlei	Chief Expert in NEV Standardization of China Automotive Technology and Research Center Co., Ltd. (CATARC), Vice Director of China Automotive Standardization Research Institute (CASRI) of CATARC
Ni Feng	Secretary of the IEC Syc SET Systems Committee, Chief Expert in Electric Vehicle Charging and Swapping Technology at State Grid Corporation of China
Ling Heping	Vice President of Auto Engineering Research Institute of BYD, Committee Member of Guangdong New Energy Vehicle Industry Innovation and Development Advisory Expert Committee
Zhou Wei	Executive Director of SAIC Volkswagen Automotive Co., Ltd. MEB Vehicle Line, Council Member of China Society of Automotive Engineers (SAE)
Li Jungang	Director of Global Regulation Compliance and Homologation Work of NIO

## **【Brief Introduction】**

On November 6, 2023, the Parallel Session on International Cooperation on Standards for Prosperous Global Market of the Sixth Hongqiao International Economic Forum (HQF) was held at the National Exhibition and Convention Center (Shanghai). Tian Shihong, Vice Minister of SAMR and Administrator of SAC; Sheng Qiuping, Vice Minister of the Ministry of Commerce of China; and Chen Jie, Vice Mayor of Shanghai, attended the parallel session and delivered speeches. Jean-Marie Paugam, Deputy Director-General of WTO, gave video remarks. During the event, Vice President of ISO, Secretary General of IEC, heads of standardization authorities of the United States, the United Kingdom and other countries, academicians of CAE, and representatives of multinational enterprises made thematic speeches. Representatives from domestic and international new energy vehicle (NEV) industry organizations, and experts from whole vehicle, component and charging infrastructure companies, gathered together and discussed the role of NEV standards in promoting the global prosperity of the automotive market. Moreover, SAMR/SAC issued nearly 400 foreign language versions of national standards during the event.



## 第六届虹桥国际经济论坛 THE SIXTH HONGQIAO INTERNATIONAL ECONOMIC FORUM (HQF)

# 开展国际标准合作 促进全球市场繁荣分论坛 Parallel Session on International Cooperation on Standards for Prosperous Global Market

主办单位：国家市场监督管理总局（国家标准化管理委员会）  
Hosted by: State Administration for Market Regulation of the People's Republic of China  
(National Standardization Administration of the People's Republic of China)

承办单位：联合国工业发展组织投资和技术促进办公室（中国·北京）  
Organized by: United Nations Industrial Development Organization Investment  
and Technology Promotion Office (ITPO) Beijing

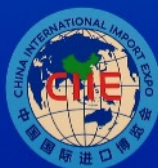
协办单位：上海市质量和标准化研究院  
Co-organized by: Shanghai Institute of Quality and Standardization

商务部  
Ministry of Commerce of the People's Republic of China

上海市市场监督管理局  
Shanghai Administration for Market Regulation

2023年11月6日  
November 6<sup>th</sup>, 2023

中国·上海  
Shanghai, China



## 【Opening Remarks】



Sheng Qiuping, Vice Minister of the Ministry of Commerce of China, addressed the Parallel Session on International Cooperation on Standards for Prosperous Global Market in Shanghai

Sheng Qiuping, Vice Minister of the Ministry of Commerce of China, pointed out that standards have become the permit to promote the development of international trade. He emphasized the need to reach more consensus and contribute more intellectual resources on standards to global openness and cooperation: 1) Promoting market connectivity through international cooperation on standards, fostering strong domestic markets, and better connecting international markets; 2) Driving industrial integration through international cooperation on standards, ensuring the smooth industrial chain through the standard chain, and elevating the overall modernization level of industrial chains; 3) Guiding product and service improvement in quality and efficiency through international cooperation on standards, elevating industry technological levels, and promoting innovative development in commerce; 4) Supporting connectivity of rules through cooperation on standards, advancing mutual recognition of standards, and continuously expanding international “circle of friends” of Chinese standards.





Jean-Marie Paugam, Deputy Director-General of WTO,  
addressed via video the Parallel Session on International Cooperation on Standards for Prosperous Global Market

Jean-Marie Paugam, Deputy Director-General of WTO, highlighted that after the COVID-19 pandemic, the global economy has demonstrated remarkable resilience. Despite a slight slowdown, global trade continues to grow, challenging the notion that the world is undergoing “deglobalization”. However, several major trends are threatening the level of global market integration. First, the influence of geopolitics on trade patterns is increasing day by day, and trade circulation is increasingly affected by political stance. Second, climate change will affect all countries, and there is no choice but to cooperate. Third, digitization is changing the future of the global economy. To meet these challenges, it is essential to strengthen the multilateral system.



Chen Jie, Vice Mayor of Shanghai,  
addressed the Parallel Session on International Cooperation on Standards for Prosperous Global Market in Shanghai

Chen Jie, Vice Mayor of Shanghai, stated that Shanghai attaches great importance to standardization work, vigorously implements the standard internationalization leap project, and promotes the establishment of the Ministry-Municipality Joint Meeting Mechanism. The standardization system has been improved, and a working pattern “led by the government, driven by the market, involving social participation, and advancing by concerted efforts” has been basically formed. During its active participation in international cooperation on standardization, Shanghai has hosted the 83rd IEC General Meeting at a high level, co-hosted the First ISO Standardization Youth Star Competition, built the Yangtze River Delta Collaboration Platform for International Standardization, and taken the lead in formulating and revising 177 international standards. Shanghai will continue to expand the level of opening-up with regard to standards and build an international standardization platform.



Tian Shihong, Vice Minister of SAMR and Administrator of SAC,  
addressed the Parallel Session on International Cooperation on Standards for Prosperous Global Market in Shanghai

Tian Shihong, Vice Minister of SAMR and Administrator of SAC, pointed out that over the past decade, China has been committed to promoting opening-up with regard to standards to the outside world, and has made positive progress. First, it is committed to boosting the development of international standardization, fulfilling the responsibilities and obligations as an ISO member, promoting the development of international standards for addressing climate change, digital economy, information technology, etc., and sharing China's experience. Second, it is committed to deepening exchanges and cooperation on standardization, and has signed 107 standardization cooperation documents with 65 national and regional standardization bodies and international organizations. Third, it is committed to promoting the compatibility of standard systems and accelerating the transformation of advanced and applicable international standards, with the rate of transformation of international standards exceeding 80%.



## 【Thematic Speeches】



Judy Marks, Chair, Chief Executive Officer and President of Otis Worldwide Corporation, attended the Parallel Session on International Cooperation on Standards for Prosperous Global Market in Shanghai and delivered a speech

Judy Marks, Chair, Chief Executive Officer and President of Otis Worldwide Corporation, expressed that Otis has been practicing business in China for decades and continues to maintain strong development momentum. With over 650 branches, offices, and service points nationwide, Otis provides customers with reliable services for elevator installation and maintenance. Otis has established multiple joint ventures, manufacturing bases, and research and development centers, serving Chinese and global clients. As China enters a high-quality development phase, expanding institutional opening-up, including opening-up with regard to standards, becomes a key focus for promoting high-level opening-up. Otis remains optimistic about China's measures for attracting foreign businesses and investors to deepen their development in the country.



Philippe Metzger, Secretary General & CEO of IEC,  
attended via video the Parallel Session on International Cooperation on Standards for  
Prosperous Global Market and delivered a speech

Philippe Metzger, Secretary General & CEO of IEC, stated that the IEC has issued multiple international standards related to power supply infrastructure, autonomous driving technology and in-vehicle multimedia systems. Without such standards, conformity assessment procedures, and relevant safety accreditation, electric vehicles (EVs) will not be able to interconnect with power infrastructure, and consumers will lack sufficient confidence in EVs. The demand for NEVs has created a vibrant market, stimulating technological progress and presenting new business opportunities. Zero-emission vehicles, on the other hand, represent a profound integration of economic and environmental interests, and must rely on international standards and conformity assessment to unlock their development potential.



Javier García, Vice President of ISO and Director General of UNE, attended the Parallel Session on International Cooperation on Standards for Prosperous Global Market in Shanghai and delivered a speech

Javier García, Vice President of ISO and Director General of UNE, explained the relationship between standards and public policies. International standards provide various guidelines and best practices to help unify approaches and ensure the consistency of practices across countries. They play a crucial role in influencing and shaping public policies. The WTO Agreement on Technical Barriers to Trade encourages members to use international standards, such as those released by ISO, as the basis for developing national standards and regulations. Standards are not only technical documents, but also solutions to global challenges. The application of international standards can promote the acceptance of public policies and encourage international cooperation.



Philip M. Piqueira, Chair of Board of ANSI and Vice President of ULSE,  
attended the Parallel Session on International Cooperation on Standards for Prosperous Global Market  
in Shanghai and delivered a speech

Philip M. Piqueira, Chair of Board of ANSI and Vice President of ULSE, noted that in addition to representing the United States in international organizations such as the ISO, ANSI collaborates extensively with standardization bodies in other countries, among which the cooperation with China is of utmost importance. ANSI consistently promotes the development of U.S.-China business partnerships in bilateral trade, enhances the capabilities of its members to collaborate efficiently with their Chinese counterparts, and addresses issues of common concern in the Chinese and U.S. markets.





Scott Steedman, Director-General Standards and Executive Director of BSI, attended the Parallel Session on International Cooperation on Standards for Prosperous Global Market in Shanghai and delivered a speech

Scott Steedman, Director-General Standards and Executive Director of BSI, expressed that BSI collaborates with government departments, industry associations, experts, various businesses, and consumers to jointly develop standards and promote good practices. From a trade promotion perspective, standards serve as quality labels presented to consumers and trade partners, facilitate transparency throughout the entire supply chain, simplify verification processes, and enable better decisions for both buyers and sellers. As a common language between trade partners, standards can eliminate trade frictions, and stimulate the potential of digitization and data services. From an innovation promotion perspective, standards facilitate information sharing in emerging value chains, reduce time to market, boost investor confidence, and accelerate the pace of innovation.



Shu Yinbiao, Academician of CAE and the 36th President of IEC, attended the Parallel Session on International Cooperation on Standards for Prosperous Global Market in Shanghai and delivered a speech

Shu Yinbiao, Academician of CAE and the 36th President of IEC, explained three major characteristics of the current development of international standards. Firstly, standards in cutting-edge areas such as artificial intelligence, quantum technology, and bio-digital convergence are simultaneously developed during the early stages of research and development, advancing the technology roadmap and industry layouts in a coordinated manner. Secondly, the foundational supporting role of international standards in the green and low-carbon transition is increasingly crucial, and international standards serve as an effective means for global sharing of green and low-carbon technologies. Thirdly, the digital transition of standards has become a development direction, further promoting the efficiency, transparency, collaboration and intelligence of standardization work, and providing technical support for the development of industries such as intelligent manufacturing and digital society.



Christopher Millward, President and Chief Representative of Beijing Office of USITO, attended the Parallel Session on International Cooperation on Standards for Prosperous Global Market in Shanghai and delivered a speech

Christopher Millward, President and Chief Representative of Beijing Office of USITO, stated that at the global level, standards form the basis for market integration, and enable economies to interact with minimal friction. This integration strengthens the framework of international trade, and enhances the resilience, stability, and predictability of both economic and trade activities. International standards allow countries to engage in negotiations, cooperation, and collective participation on the basis of mutual respect and common goals. This not only facilitates more convenient trade but also promotes external exchanges, ensuring that technological progress in one region of the world resonates across borders, driving innovation, and enabling humanity to address global challenges effectively.



Xiao Han, Director General, Department of Standards Innovative Management, SAMR/SAC, attended the Parallel Session on International Cooperation on Standards for Prosperous Global Market in Shanghai and moderated opening remarks and thematic speeches



### 【Achievement Announcement】



Li Yubing, Director General, Department of Standards Innovative Management, SAMR/SAC, attended the Parallel Session on International Cooperation on Standards for Prosperous Global Market in Shanghai and conducted the issuing of foreign language versions of national standards

SAMR/SAC held a launch ceremony which, presided over by Li Yubing, Deputy Director General of Standards Innovative Management Department of SAMR/SAC, issued a total of 398 foreign language versions of national standards, including English, German, Russian, and other languages. These standards cover various fields such as agriculture, forestry, food, consumer goods, cotton spinning, equipment materials, transportation and logistics, information technology, social management, energy conservation, carbon reduction, and pharmaceutical technology. They are expected to play a significant role in promoting trade and investment liberalization and facilitating international cooperation and exchanges.

### **【Panel Discussion】**



Zheng Tianlei, Chief Expert in NEV Standardization of CATARC and Vice Director of CASRI of CATARC, attended the Parallel Session on International Cooperation on Standards for Prosperous Global Market in Shanghai and participated in the panel discussion

Zheng Tianlei, Chief Expert in NEV Standardization of CATARC and Vice Director of CASRI of CATARC, summarized that the automotive industry is evolving in three directions of “electrification, intelligentization, and networking”. Among these development directions, electrification and low carbonization are the current trends, representing the major direction of the automotive industry transformation, with widespread application of NEVs expected in the next decade. Intelligentization and networking, on the other hand, are longer-term development directions, focusing on the next 10 to 15 years. From an industry perspective, internationalization is also an important trend. As the global industrial chain becomes more closely integrated, the demand of automotive manufacturers for globalization becomes stronger.



Ni Feng, Secretary of the IEC Syc SET Systems Committee, and Chief Expert in Electric Vehicle Charging and Swapping Technology at State Grid, attended the Parallel Session on International Cooperation on Standards for Prosperous Global Market in Shanghai and participated in the panel discussion

Ni Feng, Secretary of the IEC Syc SET Systems Committee, and Chief Expert in Electric Vehicle Charging and Swapping Technology at State Grid, emphasized that the standardization of charging interfaces and charging facilities has become a crucial issue confronted in the scale development of EVs. Different markets have varied standard interfaces, each with its shortcomings that fail to meet market demands. Standardization organizations are developing corresponding solutions. In terms of grid interaction, it is necessary to actively participate in the work of ISO and formulate the corresponding interaction requirements, so as to maintain unified standards between the vehicle end, the charging pile and the power grid, reduce the cost and promote the development of the industry.





Ling Heping, Vice President of Auto Engineering Research Institute of BYD and Committee Member of Guangdong New Energy Vehicle Industry Innovation and Development Advisory Expert Committee, attended the Parallel Session on International Cooperation on Standards for Prosperous Global Market in Shanghai and participated in the panel discussion

Ling Heping, Vice President of Auto Engineering Research Institute of BYD and Committee Member of Guangdong New Energy Vehicle Industry Innovation and Development Advisory Expert Committee, highlighted the trends and characteristics of NEV development, particularly focusing on changes in power sources and energy supply units. The transition from internal combustion engines to electric motors and from fossil fuels to renewable energy has led to changes in automotive design, including chassis systems. Additionally, enhanced intelligent property has also made it possible to further improve the user experience, change the role and function of the vehicle, and boost driving experience. The role of cars is evolving from a simple means of transportation to having the attributes of a means of production.





Zhou Wei, Executive Director of SAIC Volkswagen Co., Ltd. MEB Vehicle Line and Council Member of China Society of Automotive Engineers, attended the Parallel Session on International Cooperation on Standards for Prosperous Global Market in Shanghai and participated in the panel discussion

Zhou Wei, Executive Director of SAIC Volkswagen Co., Ltd. MEB Vehicle Line and Council Member of China Society of Automotive Engineers, sees NEVs as a growth point in the automotive industry, which drives the development of related upstream and downstream enterprises. There is still considerable room for future growth. The NEV charging is still not as convenient as traditional fuel vehicles. The proportion of consumers with home charging stations is low, and both supercharging and battery swapping are attempts to address this issue. Furthermore, due to trade protection measures in various countries, there are significant obstacles to exporting EVs. Expanding overseas markets remains challenging, necessitating a more proactive role of standards.



Li Jungang, Director of Global Regulation Compliance and Homologation Work of NIO, attended the Parallel Session on International Cooperation on Standards for Prosperous Global Market in Shanghai and participated in the panel discussion

Li Jungang, Director of Global Regulation Compliance and Homologation Work of NIO, noted that global differences in NEV standards are caused by various technological, economic, political and legal system factors. While each country has its specific situation, efforts should be made to seek common ground while respecting differences, further promoting internationalization of standards, and driving industry development. In terms of the application of new technologies, battery swapping and software upgrades bring convenience to users but also present new challenges for regulation and vehicle registration, requiring joint efforts from all parties. Software upgrades have been widely applied, but after-sales management poses new challenges, necessitating the expansion of standardized management throughout the product life cycle.



Wu Yabin, Head of United Nations Industrial Development Organization Investment and Technology Promotion Office (ITPO) in Beijing, attended the Parallel Session on International Cooperation on Standards for Prosperous Global Market in Shanghai and moderated the panel discussion