

2020 WORLD NEW ENERGY VEHICLE CONGRESS

Post Conference Report





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Congress theme: Join hands in tiding over difficulties, cross-sector integration, and win-win cooperation

With the approval of the State Council, the second World New Energy Vehicle Congress was successfully held in Haikou, Hainan Province in September 2020.

Time: September 27-30, 2020

Location: Haikou Hainan, China (Hainan International Convention and Exhibition Center)

Congress issues:

- Sustainable and healthy development of new energy vehicles
- Integrated development of electrification, intelligence and sharing mobility and cross-sector collaboration
- Technology transformation and new energy vehicle technological innovation





Hosts

- China Association for Science and Technology (CAST)
- The People's Government of Hainan Province
- Ministry of Science and Technology of the People's Republic of China
- Ministry of Industry and Information Technology of People's Republic of China
- State Administration for Market Regulation

Organizers

- China Society of Automotive Engineers (China SAE)
- China EV100
- Hainan Provincial Department of Industry and Information Technology
- Hainan Association for Science and Technology
- Haikou Municipal People's Government

Co-organizer

• German Association of the Automotive Industry (VDA)

Supported By

- Clean Energy Ministerial (CEM)
- United Nations Industrial Development Organization (UNIDO)
- United Nations Environment Programme (UNEP)
- Electric Vehicle Initiative (EVI)
- Energy Foundation China (EF China)
- Fédération Internationale des Sociétés d'Ingénieurs des Techniques de l'Automobile (FISITA)

Guest of Honor: Germany



• The German ambassador attended the conference

- Co-organize "Sino-German Forum on Cooperation and Development of New Energy Vehicles"
- Co-author of the Report of Sino-German Cooperation and Development on New Energy Vehicle

President of WNEVC



WAN Gang

- Vice Chairman of the National Committee
 - of the Chinese People's Political
 - Consultative Conference (CPPCC)
- President of China Association for Science and Technology (CAST)



Herbert DIESS

Chairman of the Board of Management of Volkswagen AG

Co-chair of WNEVC 2020

3. Congress Review-Overview



- Congress Scale: More than 1,000 delegates from Germany, France, Japan, the United States, South Korea and other 10 countries and regions participated the event, more than 1.6 million visitors watched the live broadcast.
- Congress Activities: There were 24 activities during WNEVC 2020, including 2 Plenary Sessions, 5 Summits, 2 Thematic Forums, 1 Closed-door Meeting, 8
 Online Science Popularizations, 5 Online Summits and the Technical Exhibition. 160 guest speakers had presentations in the congress.





Guests from Government and International Organizations (Attendance and Speech):

- Clemens VON GOETZE, Ambassador of German Embassy in Beijing gave a welcome address
- SHEN Xiaoming, Governor of Hainan Province gave a welcome address
- Wan Gang, Vice Chairman of the National Committee of the Chinese People's Political Consultative Conference (CPPCC), President of China Association for Science and Technology (CAST) delivered a keynote speech
- XU Yanhao, Deputy Secretary of the Leading Party Member's Group, Vice President and Executive Secretary of CAST hosted the opening ceremony
- XIN Guobin, Vice Minister, Ministry of Industry and Information Technology attended the meeting and gave a speech
- LI Meng, Vice Minister, Ministry of Science and Technology attended the meeting and gave a speech
- GAN Lin, Vice Minister of State Administration for Market Regulation(SAMR) attended the meeting and gave a speech
- Inger ANDERSEN, Under-Secretary-General of the United Nations and Executive Director of the UN Environment Programme gave a video speech
- Dan DORNER, Head of Clean Energy Ministerial (CEM) Secretariat gave a video speech
- CHEN Qingtai, Former Deputy Director of Development Research attended the meeting
- SHI Mingde, Former Chinese Ambassador to Germany attended the meeting





Academicians and Enterprise Leaders:

- LI Jun, Academician of Chinese Academy of Engineering
- OUYANG Minggao, Academician of Chinese Academy of Sciences
- WU Feng, Academician of Chinese Academy of
 Engineering

- LI Qingwen, Former President of China Automotive News
- WANG Guoqiang, Deputy General Manager ,CHINA FAW GROUP CO.,LTD.
- Julian BLISSETT, GM Executive Vice President, President of GM China
- **XU Heyi**, Member of the National Committee of the Chinese People's Political Consultative Conference (CPPCC), Deputy Director of the Economic Committee of the Beijing Political Consultative Conference
- DONG Yang, Chairman of China Electric Vehicle Charging Infrastructure Promotion
 Alliance
- SHEN Feng, Executive Vice President of NIO

- Herbert DIESS, Chairman of the Board of Management of Volkswagen AG
- WANG Xiaoqiu, President of SAIC Motor
- Frank WEBER, Member of the Board of Management of BMW AG Development
- YUAN Mingxue, Senior Executive Vice President, Changan Automobile
- **NAKAGURO Kunio**, Executive Officer, Executive Vice President, Nissan Motor Co., Ltd.
- TAN Xuguang, Chairman, Weichai Holding Group Co., Ltd.
- Oliver BLUME, Chairman of the Executive Board, Porsche AG
- Robin ZENG, Chairman & CEO, Contemporary Amperex Technology Co., Limited
- Hak Cheol SHIN, Chief Executive Officer (CEO) of LG Chem
- Seiya NAKAO, Chairman and President, Toyota Motor Engineering & Manufacturing (China) Co., Ltd.
- Stefan HARTUNG, Member of the Board of Management, Robert Bosch GmbH



5 Summits + 1 Sino-German Forum + 1 Top News Express Forum + 1 Closed-door Meeting

- Summit 1: Safety and Recall of New Energy Vehicles
- Summit 2: Zero Emission of Medium and Heavy Duty Vehicles Forum
- Summit 3: Hainan Special Event
- Summit 4: Digital Technology Drives New Transformation of the Automotive Industry
- Summit 5: Technology Innovation of Advanced Power Battery
- Sino-German Forum on Cooperation and Development of New Energy Vehicles
- Top News Express Forum of China News Service: Cross-sector Collaboration for Accelerating Vehicle Electrification during the "14th Five-Year-Plan" Period and towards Medium and Long-term Development
- Closed-door Meeting: Policy Makers, Heads of International Organizations, and Executives of Global Automakers











3. Congress Review-Onsite Photos



共克时艰 跨界协同 合作共赢 中国·海南 HAINAN,CHINA





8 Online Science Popularizations: 8 Industry Experts



Content	Time
Current situation and suggestions of intelligent network vehicle development	September 15
The evolution of the electric drive system of new energy vehicles	September 16
Principle and prospect of hydrogen fuel cell vehicle	September 17
Electric vehicle charging and changing mode	September 18
Low temperature technology for electric vehicles	September 21
How to drive an electric car to save electricity?	September 22
Applications of chips in electric cars	September 23
Research progress on safety of vehicle power battery	September 24

5 Online Summits: **5** Moderators and **28** Presentations

- Online Summit 1: Basic Software and Function Driven
- Online Summit 2: Application of Big Data Technology in Electric Vehicle Safety
- Online Summit 3: Hydrogen Storage Technology
- Online Summit 4: Application of the Third Generation
 Semiconductor SiC Technology
- Online Summit 5: Technology Innovation and Business Model of
 Power Exchange

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2020 World New Energy Vehicle Congress



Improving performance with Hybrid Twin™ Virtual Prototyping Software Solutions for Vehicle Design, Manufacturing and Operations

Cristel de Rouvray – CEO ESI Group



Cristel de ROUVRAY ESI 集团首席执行官 CEO of ESI Group



Announcement of the Consensus on the 2020 World New Energy Vehicle Congress

- The participants reconfirmed the goal that "By 2035, the global market share of new energy vehicles will reach 50%", which was proposed by the Boao Consensus in 2019 and put forward that Pure electric vehicles will basically have the conditions for complete marketization in the year of 2025.
- The Consensus announced by WAN Gang, Vice Chairman of the National Committee of the Chinese People's Political Consultative Conference (CPPCC), President of China Association for Science and Technology (CAST), President of World New Energy Vehicle Congress (WNEVC) during the plenary sessions, it was caused a huge response in the industry.





- 27 well-known experts and scholars participated in the 2020 review. The selection lasted for 8 months and collected more than 100 technologies from 8 technical directions. After initial and final evaluation, 7 innovative technologies and 7 cutting-edge technologies were finally selected as "Global NEV Cutting-edge and Innovative Technologies ".
- Results of the *Global New Energy Vehicles Cutting-edge & Innovative Technologies Selection* was released by OUYANG Minggao, Professor of Tsinghua University and Academician of Chinese Academy of Sciences during the plenary sessions. This selection points out a new direction for the NEV science and technology innovation in the future.



Technology Selection Symposium

Award Ceremony

Awards Announcement

4. Technical Exhibition



Onsite Exhibition

2,000m² exhibition area with the exhibitors of Changan, SAIC, Beijing Electric Vehicle, BMW, NIO, Wuling Automobile and other enterprises.







Online Exhibition

- There were 3 halls of the online exhibition, vehicle hall, core components hall and infrastructure hall.
 A total of 84 exhibitors participated the online technical exhibition; a total of 50,000 visitors watched the online exhibition.
- Exhibitors include Changan, SAIC, Volkswagen, Nissan, BMW, Daimler, FAW, Audi, NIO, GWM, Porsche China, Chery New Energy, Geely Auto, BYD and other 29 vehicle enterprises and 55 core components suppliers and infrastructure related enterprises.



80+ media partners and 150+ journalists attended the congress.

- 12 CCTV medias: CCTV, China International TELEVISION, SARFT, Xinhua News Agency, People's Daily Online, Xinhuanet, Guangming Network, etc.
- 45 industry medias: China Automotive News, SINA Auto, Netease Auto, Tencent Auto, Sohu Auto, Autocar, etc.
- 25 local medias: Hainan SATELLITE TV, Hainan Daily and other 25 local medias.



- > 35 million online propagation (all media channels)
- > 23,974 information distribution (SINA)
- > 3,025 news release (Renmin Yuqing)
- All media supported from China Association for Science and Technology and official information release from Innovation China.
- Release of information through China SAE Channels.
- With 5.4 million views on SINA Topics, 130 news releases and 2,459 weibo posts, 180,000 people participated in the discussion of topics and 160 million followers on Weibo.
- S level topic promotion on Zhihu, with 20.54 million views



21

Broadcast

Channels

Baidu

Domestic Broadcast Channels

Overseas Broadcast Channels

Facebook, Twitter

Innovation China (3), China Science

Communication, Scimall, SINA Auto,

Sohu Auto, Dcar, China Automotive

News, Autocar, Gasgoo, Maiche.com,

Xinhuanet, Yangshipin, Toutiao, BiliBili,

Chinanews, Information Center of CAST,

推荐 直播

直播|2020世界新能源汽车大会云峰会3

直捆|2020世界新能源汽车大会云峰会2

直播|2020世界新能源汽车大会云峰会1...

Gasgoo

WNEVC 2020

WNEVC

MILES 24/65/2/G

23.600

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金业空景 专家调点

── 甘霖: 电池问题有管理责任

1.场监督管理总局近年来。

Sohu Auto

Dan DORNER:推广新能源

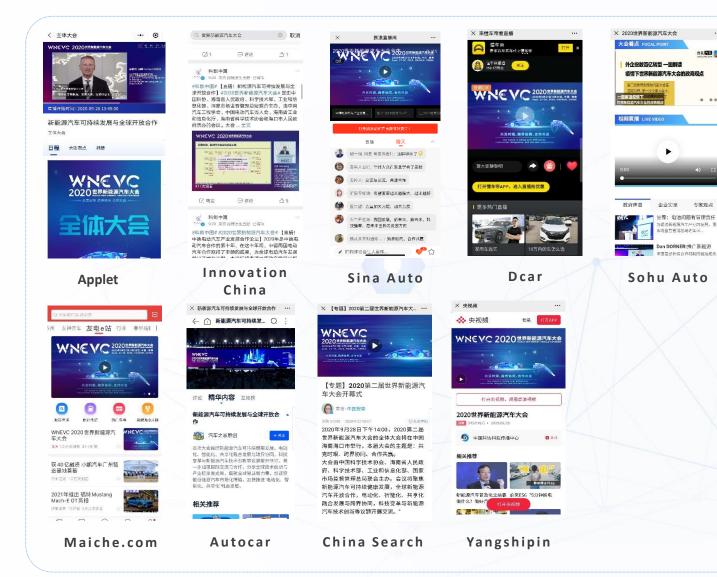
1亿法新能服汽车产业的发展,国家

共克时艰 跨界协同 合作共赢 中国・海南 HAINAN, CHINA

1.6 million

Live

Audiences





共克时艰 跨界协同 合作共赢 中国·海南 HAINAN,CHINA

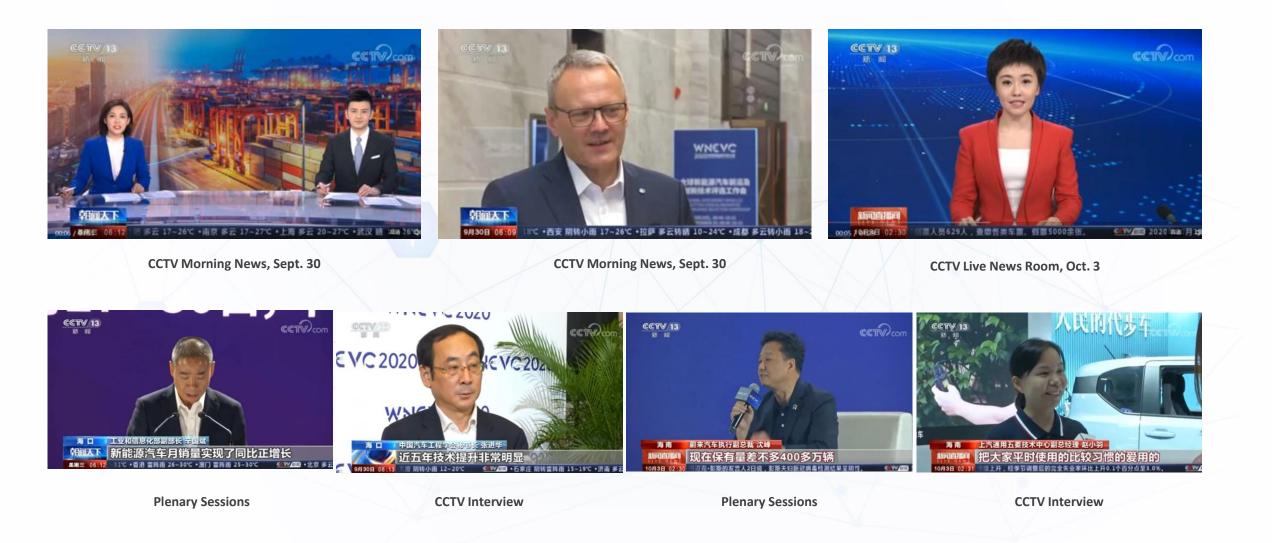
 14 onsite interviews for experts from industry and enterprises











See You in WNEVC 2021

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