



The 3rd Advanced Batteries for xEV/ESS Conference,
Wuhan, China, 2015

Invitation

Dear _____,

A brand new world has come. With China's national strategy of "Internet +", in the transformation of Industry 4.0 and the implementation of the Intelligent Manufacturing Practice 2025, and thanks to the hard work and dedication of everyone in the industry, we have been forming and creating brilliance all the time.

Chinese Chairman Xi Jinping has repeatedly emphasized that, the automotive industry is an industry with a huge market, which is highly technical and highly meticulous in management. The development of new energy automobiles is the only route for China to develop from a major automobile country into an automobile power. We should strengthen the research and development, study the market carefully, apply relevant policies effectively and flexibly, and develop products adapting to various demands, so as to create a strong growth point therein.

With the industry's attention and care as well as the hope and mission of entrepreneurs in the industry, the Lithium Power "ABEC" has been held in Yichun, Jiangxi Province and Chengdu, Sichuan Province in China. In 2105, we are going to meet again in Wuhan, Hubei Province.

Time flies. We have shared an extraordinary period of 365 days, during which period of time, we have also witnessed the history we wrote. Up to May 2015, the total number of electric automobiles sold all over the world is up to 750,000. In the latest statistics released by the Ministry of Industry and Information Technology (MIIT), according to the statistics about certificates upon delivery of finished automobiles, in August 2015, China's output of new energy automobiles is 24,500, a year-on-year growth of nearly 400%. Wherein, the output of pure electric passenger automobiles is 9,175, a year-on-year growth of nearly 300%; the output of plug-in hybrid power passenger automobiles is 6,778, a year-on-year growth of 300%; the output of pure electric commercial automobiles is 6,446, a year-on-year growth of 2100%; and the output of plug-in hybrid power commercial automobiles is 2,142, a year-on-year growth of 148%. The output of new energy automobiles listed in first four batches under the *Category of New Energy Automobile Models Exempted from Purchase Tax* is 21,600, accounting for 88% of the output in August.

From January to August 2015, the cumulative output of new energy automobiles is 123,500, a year-on-year growth of 300%. Wherein, the output of pure electric passenger automobiles is 52,100, a year-on-year growth of 200%; the output of plug-in hybrid power passenger automobiles is 32,800, a year-on-year growth of 400%; the output of pure electric commercial automobiles is

28,300, a year-on-year growth of 800%; and the output of plug-in hybrid power commercial automobiles is 10,200, a year-on-year growth of 96%.

Meanwhile, in 2014, the shipment quantity of lithium batteries is up to 10,012.8 MWH, a year-on-year growth of 109.39%. In the first quarter of 2015, the output of lithium batteries in China is 1.04 billion (natural PCS), a year-on-year growth of 3.1%. It indicates that the growth rate of the output of power lithium batteries is far from meeting the development needs of new energy automobiles, and the supply of high-end power lithium battery products falls short of demand in the market.

In this context, it is expected that over the next decade, the scale of China's power lithium battery industry will exceed RMB 160 billion. Upstream lithium ore resources, midstream key materials and the downstream assembly market will usher in good development opportunities. Meanwhile, we are also optimistic about the power lithium battery market in 2015. It is expected that this year, the market share of the power lithium battery market will reach 38%, and the capacity will reach 5 billion Ah. In 2015, the industrial scale of small-size lithium batteries will exceed USD 50 billion, laying a foundation of a stably growing market for manufacturers of lithium batteries in the world and in China.

We have also seen that in 2015, a race for the research & development of technologies and the capacity for power batteries has been started globally. Traditional automobile manufacturers such as Volkswagen, BMW, Mercedes-Benz, General Motors, Nissan and Toyota have set foot in the research and development of power batteries. As a result, the energy density has been stably refreshed, and the problem of "range anxiety" has been solved gradually. The arrangement of charging piles is in full swing. Tesla and other automobile manufacturers have not only launched races for charging piles in the United States but also started the construction in China like a great leap forward. The debate about "Which came first, the chicken or the egg?" is put aside for the time being, and more and more business models for solving problems have been explored, innovated and enhanced in the industry.

In the field of energy storage, a market for lithium batteries has been formed gradually, eating away the domination of the traditional lead-acid battery market little by little.

However, as the price-driven orientation has been declining, the application of new technologies that can significantly increase the energy density of batteries seems ready. The new models of Leaf EV made by Nissan and Volt PHEV made by GM to be put into mass production this year will apply new technologies that can increase the energy density of batteries by 30% as well as lightweight technologies, so that the battery performance will be increased by over 30%. It is obvious that the large-scale application of new technologies will once again push the electric automobile market to a development track with a doubling growth rate. New energy automobiles, represented by electric automobiles, are expected to develop into a decisive force that leads the global economy out of the recession.

We believe that there are basically two directions for the development of new battery technologies that have entered a phase of large-scale application: (1) the direction of high-voltage batteries, represented by 5V nickel lithium manganese oxide battery technologies; (2) the direction of high-volume batteries, represented by ternary materials (NCM and NCA) battery technologies as long as the safety coefficient is not decreased. These two kinds of technologies can increase the energy density of lithium batteries to over 200Wh/kg. All-solids-state battery technologies that break the dawn of mass production and may be applied on large scale in two or three years have

already been put into mass production. This kind of technologies can increase the energy density of lithium batteries to over 300Wh/kg and enhance the safety coefficient to a higher level. The development of these new battery technologies is profited from the breakthrough of relevant material technologies.

In the industrial background of industrial upgrade, market breakout and technology driving, on the basis of the summarization of experience in and the optimization of the 1st ABEC (number of countries and regions: 28; number of participating enterprises: 350; number of participating guests: over 800) and the 2nd ABEC (number of countries and regions: 21; number of participating enterprises: 310; number of participating guests: over 750), the organizing committee of the 3rd Advanced Batteries for xEV/ESS Conference, Wuhan, China, 2015 will adopt opinions of guests and highlights of the industry, and invite innovative enterprises that represent the direction of technological development both at home and abroad as well as well-known domestic and foreign industrial research institutes to deliver speeches and share experience in materials, batteries, electric automobiles, energy storage, etc., so as to help enterprises in the industry better understand the current status and future trend of the technological development of the industry and seize market and investment opportunities in the lithium power new energy industry chain.

The globalization, platform-oriented and brand-oriented era has come. Responding to the call of Internet +, Industry 4.0 and intelligent manufacturing, the organizing committee of the 3rd Advanced Batteries for xEV/ESS Conference, Wuhan, China, 2015 is well aware of its mission and responsibility. We also believe that, with the participation and promotion by domestic and foreign guests and excellent enterprises as well as industry associations, research institutes and huge capitals, we will make joint efforts to enhance this forum to an unprecedented height, width and depth through the world-wide collision and sharing of intelligence, the creation of capital and value, and the integration of technology and market. Let's join hands to advance the progress of the industry and enterprises therein together and accelerate the industrialization in the development of green energies and the civilization of business!

The organizing committee of the 3rd Advanced Batteries for xEV/ESS Conference, Wuhan, China, 2015 **hereby sincerely invites you to participate in the forum!** Thanks!

(Appendices: Return Receipt for Participation, Profile of ABEC, etc.)

Organizing Committee of the 3rd Advanced Batteries for xEV/ESS Conference, Wuhan, China, 2015

Secretary General: Yu Qingjiao

September 8, 2015

[Highlights of the Forum]

- The world's lithium battery and downstream market application giants will meet in China and discuss about the latest technological research and development trend and market in intelligence collision.
- Senior officers of first-class domestic and foreign enterprises, well-known institutes and industry associations will participate in it to have deep communication about hot topics of the industry.
- Business promotion events will be organized to promote the alliance and partnership among domestic and foreign first-class enterprises.
- Senior officers in the fields of policy, technology, market, management, brand, capital, etc will have intensive communication and perform deep integration of resources.
- Select booths will be provided for the promotion of products and technologies to customers and for business cooperation negotiations with customers directly.
- Dozens of mainstream media will focus on it. www.itdcw.com, www.xvcar.com and www.inewenergy.com will do a live broadcast, and Weibo, WeChat and mobile client ends will provide promotion cycles.

[Time, Venue and Charge of the Forum]

1. Time

The attendance registration will start on November 10, 2015 and the conference will be adjourned at 14:00 PM on November 13. Wherein, the whole day of the 10th is available for attendance registration, events of the forum will be held on the 11th and the 12th, the visit (to Huiqiang New Energy and Huangbei New Energy Materials and Technologies Industrial Park) will be paid on the morning of the 13th, and the conference will be adjourned in the afternoon on the same day.

2. Venue: Wanda Realm International Hotel, Wuhan, Hubei Province, China

3. Charge:

- (1) RMB 4,500 for each person if you confirm to participate by October 1, 2015 and RMB 5,500 for each person if you confirm to participate between October 1 and November 8 (including expenses for accommodation and meals for 3 days, forum registration, participation, industrial report materials, contact list of guests, dinner party and gifts).
- (2) RMB 3,000 for each person for only participation (not including expenses for accommodation and meals, dinner party, etc.).




[Contact Us]

Registration hotline: 400-6197-660 (ext. -3 for consultation about the forum; ext. -8 for sending faxes)

Contact person for guests and sponsors: 18910778962 (Ms. Geng), 18612440538 (Ms. Ding)

The only official website: www.abec.top; Email: abec@abec.top

Return Receipt for Guests

Participating organization				
Contact person		Tel		Email
Sponsorship for the forum	Choose the sponsorship program (see the program or call staff of the Organizing Committee for details) <input type="checkbox"/> Diamond sponsor <input type="checkbox"/> Platinum sponsor <input type="checkbox"/> Gold sponsor <input type="checkbox"/> Joint sponsor			
Participating guest	Position	Mobile	E-mail	Remarks
Total charge	RMB: _____			
<p>Charge for domestic guests: RMB4,500 for each person for three days (including expenses for registration, industry reports, proceedings of the conference, PPT for lectures, gifts, contact lists and other materials, accommodation and meals, and rent for simultaneous interpretation earphones, not including travel expenses). The foregoing charge is for guests who pay by October 1, 2015. The charge will be RMB5,500 for each person for three days for guests who pay after the above deadline.</p> <p>Term of payment: Remit to the account designated by the Organizing Committee by wire transfer</p> <p>Payee: Beijing Haineng Times Cultural Development Co., Ltd. Bank account: 345457545670</p> <p>Opening bank: Baiwanzhuang Branch of Bank of China, Xicheng District, Beijing Please specify in the remark of the remittance: Promotion fee or service fee</p>				
<p>Precautions:</p> <ol style="list-style-type: none"> 1. The content of the invoice shall be “promotion fee” or “service fee” only. Please specify either in the remittance. 2. If no accommodation and meals are needed, the charge shall be RMB2,500 for each person. In this case, you may not participate in the dinner party. 3. If another guest will participate instead of you as you are not able to participate for some reason, please provide information about such guest to staff of the Organizing Committee in time. If you cancel the participation after payment, the Organizing Committee will only return RMB2,000 for each person. 4. Please join the QQ group of ABEC: 263134756. The Organizing Committee will issue relevant notices in it. 5. Profiles of all participating enterprises will be published in the journal of the forum in the order of the time of registration. Please provide a profile of 500 words and a high-definition picture. 6. One inside page of advertisement will be provided for free if your enterprise/institute have over three participants (size: 210*275mm). Please provide your own design. The layout will be subject to the foregoing order. 				
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Registration hotline: 400-6197-660 (ext. -3 for consultation; ext. -8 for sending fax) Contact person for guests and sponsors: 18910778962 (Ms. Gong), 136-2440338 (Ms. Ding) Contact person for media cooperation: 13911273798 (Mr. Yang) The only website: www.abec.top; Email: abec@abec.top				



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Profile of ABEC



The 2nd Advanced Batteries for xEV/ESS Conference, Chengdu, China, 2014 (ABEC 2014)



The 1st Advanced Batteries for xEV/ESS Conference, Yichun, China, 2013 (ABEC 2013)

ABEC (Advanced Batteries for xEV/ESS Conference) is a global summit forum on lithium battery technologies and industry with the greatest influence and the most participating enterprises and institutes. Its trademark has been registered at the State Administration for Industry and Commerce of the People’s Republic of China and is protected by law.

Initiated by www.itdcw.com, ABEC is an industry vertical port with the greatest influence and the most users in China’s battery industry.

ABEC is jointly developed by CCID Consulting, a well-known research institute and a listed company of China, and ReaLi, an authoritative and professional lithium battery industry research institute.

ABEC has inherited and innovated the essence of “Davos”, a famous economic forum of the world. It is making great efforts to become a world-class communication summit and resource platform for top technologies and market applications with its foresight, authoritativeness, openness, inclusiveness and expertise.

ABEC has been held in Yichun, Jiangxi in 2013 and Chengdu, Sichuan in 2014 successfully. The total number of domestic and foreign enterprises or institutes participating in it is over 900, including thousands of great figures from over 20 countries including China, Germany, France, Belgium, Netherlands, Britain, Switzerland, Japan, Korea, Indonesia, Canada, the United States, etc.

Companies and institutes participating in ABEC include Avicenne, Reno, Bosch, Fraunhofer-Gesellschaft, BASF, Canada Hydroelectricity, Johnson Controls, Panasonic, Samsung SDI, LGC, SK Innovation, GE, Siemens, Itochu, TORAY, JSR, BMW, Mercedes-Benz, State Grid Corporation of China, SAIC Motor, Tesla, BYD, Changhe Automobile, JMC, Anka Automobile, Chery Automobile, Changan Automobile, YEMA Auto and ZOTYE Auto as well as China Association of Automobile Manufacturers, China Automotive Technology & Research Center, China Nonferrous Metals Industry Association, China Battery Industry Association, China Industrial Association of Power Sources, Korean Battery Association, Chinese Cycling Association, Superconducting Power Institute of China Electric Power Research Institute of the State Grid, Power Battery Testing Center for Key Special Electric Automobile Projects under the Plan 863 of the State, China Center for Information Industry Development of MIIT, National Center for Scientific Research of France (CNRS), China International Capital Corporation Limited (CICC) and other well-known domestic and foreign enterprises or institutes in the lithium battery new energy chain industry.

Besides,

Nearly one thousand well-known domestic enterprise in the lithium battery industry chain, including Tianjin Lishen Battery Joint-Stock Co., Ltd., ATL, Shanshan Corporation, Beijing Easpring Material Technology Co., Ltd., Do-Fluoride Chemicals Co., Ltd. (DFD), China Aviation Lithium Battery Co., Ltd. (CALB), Harbin Coslight Power Co., Ltd. (Coslight), Vision Group, Fengfan Co., Ltd., Guangdong East Power Co., Ltd.(EAST), Jiangsu Guotai International Group (GTIG), Desay Battery Co., Ltd. (Desay), EVE Energy Co., Ltd. (EVE), Ningbo Veken Co., Ltd. (VEKEN), Narada, Hefei Guoxuan High-tech Power Energy Co., Ltd., Jiangxi Special Electric Motor Co., Ltd. (Jiangte Motor), Shenzhen CAPCHEM Technology Co., Ltd. (CAPCHEM), Jiangsu Jiujiujiu Technology Co., Ltd., Changhong Electric Co., Ltd. (Changhong), Green Eco-Manufacturer (GEM), China Baoan Group Co., Ltd., SUNWODA Electronics Co., Ltd. (SUNWODA), Tianjin STL Energy Technology Co., Ltd. (STL), Sichuan Tianqi Lithium Industry Inc. (Tianqi Lithium), Jiangxi Ganfeng Lithium Co., Ltd. (Ganfeng Lithium), Cangzhou Mingzhu Plastic Co., Ltd. (Cangzhou Mingzhu), Guangdong Dynavolt Power Technology Co., Ltd. (Dynavolt), BAK Battery, Huiqiang New Energy, Shenzhen Time High -Tech Equipment Co., Ltd. (Time High-Tech), Guangdong DX2 Technology Co., Ltd., Xingneng New Materials, CHAM Battery Technology Co., Ltd. (CHAM), Sichuan Western Resources Holdings

Co., Ltd. (Western Resources), etc. will participate in the ABEC summit.

Domestic and foreign companies, institutes and guests participating ABEC discuss about the progress of the research and development of technologies in the lithium battery industry and the progress of their applications in electric automobiles, smart grids, mobile base stations, the market of 3C electronic consumables, etc. as well as the prospect and trend of the industrial development, promoting the strategic cooperation or further communication between Chinese and foreign enterprises or institutes. Now resource platforms and industry alliances with great influence have been established.

ABEC is a high-end international and industrial forum on the development of the lithium battery industrial chain that shares the equal fame with the AABC Forum of the United States, Battery Japan, European Batteries, etc. It has won global recognition and popularity. Each year, nearly one hundred Chinese and foreign mainstream media report on this grand occasion, making an powerful brand and profound impact.