



Country Update China (Spring 2018)

Mingzhe Xue
Tongji University



Country Update China (Spring 2018)

➤ Vision and Strategy of China

- On February 12, 2018, MOF, MIIT, MOST and NDRC released a notification on adjustment of policy regarding government subsidies for new energy vehicles. The subsidy policy for fuel cell vehicles is not changed.
- On February 9, 2018, Shanghai updated its implementation measures on encouraging the purchase and use of new energy vehicles.
- Wuhan and Suzhou released their development plans on hydrogen industry in January and March, 2018, respectively.
- On February 11, 2018, an interdisciplinary, cross-industry, interagency national alliance, **National Alliance of Hydrogen and Fuel Cell** was founded in Beijing.





Country Update China (Spring 2018)

➤ Current data of FCVs and HRSs in China

Transportation	Number	Main Brands
Cars	Approx. 60	SAIC Roewe 950
Buses	Approx. 150	BAIC Foton-AUV BJ6852, SAIC MAXUS FCV80
Trucks	Approx. 500	Dongfeng Special
H ₂ Refueling Stations	Number	Location
70 MPa On-Site Production	1	Dalian
70 MPa Delivered	1	Suzhou (Changshu)
35 MPa On-Site Production	1	Beijing
35 MPa Delivered	7	Shanghai, Zhengzhou, etc.



Country Update China (Spring 2018)

➤ Demonstration and Deployments Update

- On January 10, 2018, 6 SAIC Roewe 950 hydrogen fuel cell passenger cars started to serve during the 2018 China Electric Vehicles 100 VIP Conference. This demonstration operation is part of **UNDP/GEF III project**.
- On January 19, 2018, Shanghai Chemical Industry Park and SAIC Motor Group held a signing ceremony of the strategic cooperation framework agreement. The first batch of 20 SAIC MAXUS FCV80 light buses began commercial operation in Shanghai Chemical Zone.
- On January 11, 2018, **500 licensed fuel cell trucks** produced by Dongfeng Special Vehicle started to serve for intra-city deliveries of goods in Shanghai.





Country Update China (Spring 2018)

➤ Funding

- 5 projects related to fuel cell systems for new energy vehicles were approved by Ministry of Science and Technology of China (MOST) in 2017.
- Total subsidies from central finance is **216.67 million RMB (US\$ 34.4 million)**.
- The durations are all 4 years.
- Projects contents vary from fundamental research of fuel cell to the development of high power, long life, quick response fuel cell engine for automotive, as well as Sino-German cooperation.



FAW



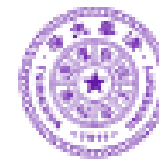
中国船舶重工集团公司第七一二研究所
CHINA SHIPBUILDING INDUSTRY CORPORATION No.712 INSTITUTE



Country Update China (Spring 2018)

➤ Funding

- Five 2018 annual projects related to fuel cell systems for new energy vehicles were publicized by Ministry of Science and Technology of China (MOST) on May 7th. The publicity time is till May 11th.
- Total subsidies from central finance is **259.01 million RMB (US\$ 41.1 million)**.
- The durations are all 3 years.
- Projects contents vary from fuel cell cars to fuel cell buses, as well as demonstration operation of fuel cell vehicles.



China Automotive Technology and Research Center



Country Update China (Spring 2018)

➤ Events

- On December 4-9, 2017, the 2nd Hydrogen Energy and Fuel Cell Industry Development Summit and ISO/TC197 Strategic Planning Meeting, the 1st International Hydrogen Energy and Fuel Cell Technology and Product Expo was held in Foshan, Guangdong Province, China. **3000 delegates** attended the summit and expo. **11 FCVs**, including Toyota Mirai, SAIC MAXUS FCV80, were exhibited.
- On December 13, 2017, The China-Korea Business Forum was held in Beijing, China. During the period, the Chinese Automobile Engineering Society signed a cooperation memorandum with the Korean Hydrogen Fusion Alliance Bureau (H2KOREA).



Thanks for your attention