



INTERNATIONAL PARTNERSHIP FOR HYDROGEN AND FUEL CELLS IN THE ECONOMY

IPHE Country Update April 2016: China

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1. New Policy Initiatives on Hydrogen and Fuel Cell

In April 2016, The National Development and Reform Commission and China's National Energy Administration issued the energy technology revolution Innovation Action Plan (2016-2030), and at the same time issued the energy technology revolution innovation roadmap for action. The hydrogen and fuel cell technology innovation is one of the 15 Key Tasks which listed in the Action Plan.

2. Hydrogen and Fuel Cell R&D Update

N/A

3. Demonstration and Deployments Update

Transportation:



A hybrid tram powered by hydrogen cells and super-capacitors rolled off the assembly line in North China's Hebei province, April 27, 2016. According to Tangshan Railway Vehicle Co Ltd (TRC), the tram's major developer, this pollution-free tram can carry 336 passengers. A 15-minute hydrogen refill can power the vehicle for 40 kilometers at speeds as high as 70 km per hour.



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The first of an initial fleet of 33 fuel cell buses powered by Ballard technology has made its debut in South China's Guangdong province, October 18, 2015. Full deployment will follow shortly in the cities of Foshan and Yunfu in Guangdong province. A consortium comprised of Guangdong Guohong Hydrogen Energy Technology Company Ltd, Foshan Feichi Bus Manufacturing Co Ltd, and Ballard Power Systems Inc of Canada jointly developed the bus.

Power to Gas:

Two pilot projects of Wind to Hydrogen will be carried out in North China's Hebei province and in Jinin province respectively. The Jinlin Wind to Hydrogen project started international bidding in April 2016.

4. Events and Solicitations

China Machinery Industry Federation (CMIF) and Technical Committee 309 on Hydrogen Energy of Standardization Administration of China (TC-309) will hold the "2016 China International Hydrogen and Fuel Cell Conference and Exhibition" (CHFCE 2016) in Beijing China National Convention Center on November 28-30, 2016.

The organizer contacts: yangpanping@vip.163.com;

Website: www.chfce.com and www.energy-tech.com.cn

5. Investments: Government and Collaborative Hydrogen and Fuel Cell Funding

Ministry of Science and Technology (MOST) launched the first batch of 2016 pilot projects of National Key R&D Program in November 2015. In "New energy vehicles" pilot projects, approx. 200 million RMB funding will be spend in Fuel Cells technology R&D.

MOST launched the 2016 Sino-German cooperation projects in December 2015 that included Fuel Cell Vehicle R&D.