

Country Update - China

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News

- **Transportation**

SAIC (Shanghai Automotive Industry Corporation) is planning FCVs National Road Tour 2013.

Five Hydrogen Stations are planned in Shanghai.



FCV developed by SAIC



Malu Hydrogen Station in Shanghai



News

- **Backup Power Generation**

Fuel Cell Backup Power Systems were tested in telecommunications network of China Mobile and China Telecom. The potential market has attracted many international and domestic fuel cell companies, such as Dantherm Power, VN Tech, FutureE, Palcan and Foresight Energy.



VN Tech backup power system



FutureE's Jupiter System



Foresight Energy's Products



News

- **Government-funded research projects**
 - ① Key technologies for fuel cell backup power system reliability and durability, funding 32 million yuan (\$5.1 million);
 - ② KW-level fuel cell and solar cell complementary energy system , funding 50 million yuan (\$7.9 million);
 - ③ Demonstration of electric postal vehicles with fuel cell range-extender , funding 59 million yuan (\$9.4 million);
 - ④ 70 MPa hydrogen station based on renewable hydrogen production, funding 30 million yuan (\$4.8 million);

News

- **Other development**

First Fuel Cell powered UAV (unmanned aerial vehicle) of China tested flight in Shenyang on July 30, 2012.



Maker: Liaoning General
Aviation Academy

Cruising Speed: 120Km/h

Time of endurance: 4 h

Fuel Cell Powered UAV



Policy Development

- **Tax reductions and exemptions:** The Ministry of Finance announced in Dec, 2011 that a total of 49 domestically made electric and fuel cell passenger vehicle models will be exempted from sales taxes, including 7 FCV models produced by SAIC (3), FAW(1), Shanghai Volkswagen(1), Chery(1) and Changan(1). In March 2012, the tax cuts policy for energy-saving and new-energy vehicles were announced, and according to the new policy, half vehicle tax is to be collected on 4 types of FC Buses.
- **Funding:** The Ministry of Finance announced Oct. 12, 2012 that the central government will allocate funding to support technological innovation projects in the nation's new energy auto industry. The funding will support new energy vehicles including electric vehicles, plug-in hybrid vehicles and fuel cell vehicles. The statement did not elaborate on the amount of funding.



Thank you