



# Country Update China (Fall 2018)

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## New Policies for FCV Development

### ➤ Central

- On July 10th, 2018, China's **Ministry of Finance (MOF)**, **State Administration of Taxation**, **Ministry of Industry and Information Technology (MIIT)** and **Ministry of Transport (MOT)** released "Notification on preferential policies for energy saving and new energy vehicles and vessels to enjoy the vehicle and vessel tax". New energy vehicles including fuel cell passenger vehicles and fuel cell commercial vehicles were exempted for the vehicle and vessel tax.

### ➤ Local (Provinces)

- **Guangdong**, June 6th, 2018
- **Hainan**, August 23th, 2018
- **Shandong**, September 21st, 2018
- **Tianjin**, October 22nd, 2018
- **Henan**, November 28th, 2018

### ➤ Local (Cities)

- **Dalian**, October 25th, 2018
- **Foshan**, November 6th, 2018



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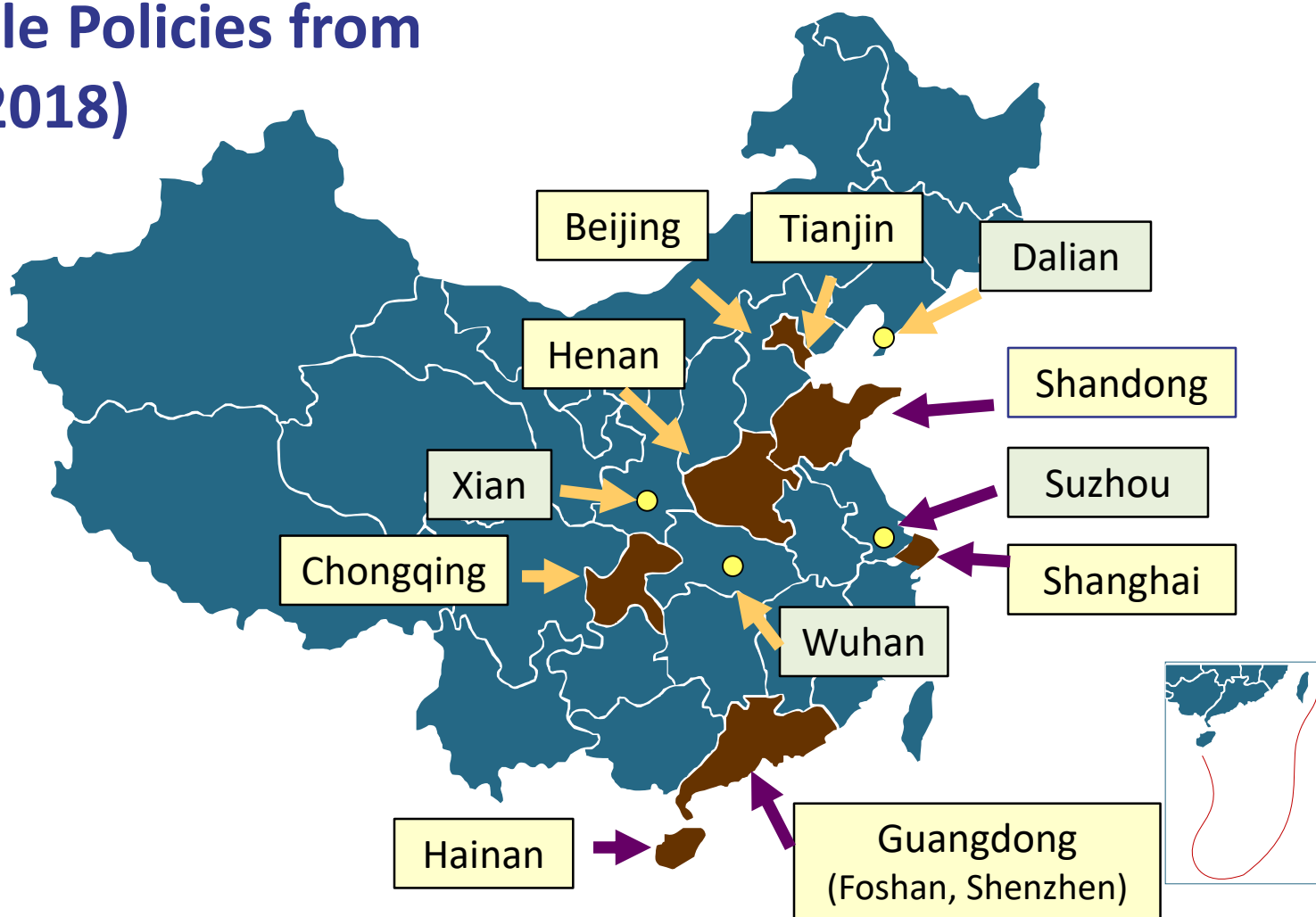
## New FCV Subsidy Policies from Local

Date	City	Province	Subsidy from central : local government
May 21st	Shanghai		1 : 0.5 or 1 (depend on the rated power)
May 29th	Xian		1 : 0.5 (public use) or 0.3 (private use)
June 1st		Hainan	1 : 0.5
June 5th		Henan	1 : 0.3
June 21st	Chongqing		1 : 0.4
August 28th	Foshan		1 : 1 (only for public transportation bus)
August 30th	Shenzhen		1 : (0.8-1) (depend on the rated power)



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## Available Policies from Local (2018)





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## Current data of FCVs and HRSs in China

Transportation	Number	Main Brands
Cars	Approx. 60	SAIC Roewe 950
Buses	Approx. 200	BAIC Foton-AUV, Yutong Bus, SAIC MAXUS FCV80
Trucks	Approx. 500	Dongfeng Special
H <sub>2</sub> 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	8	Shanghai, Zhengzhou, etc.



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## HRSs in China





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### Demonstration Update

- From October 12-15th, “**2018 Hydrogen Fuel Cell Vehicle Itinerant Exhibition & Roadshow in the Yangtze River Delta**” was held in **Rugao, Nantong, and Shanghai**. During the activities, **more than 10** fuel cell vehicles, trucks and buses from Chinese and international automobile manufacturers were driven from Rugao to Shanghai (**c.a. 170 km**). Students from local universities, senior, junior and elementary schools were involved.





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## Deployment Update

- From May to October, 2018, several cities started the demonstration operation of fuel cell public transportation bus.

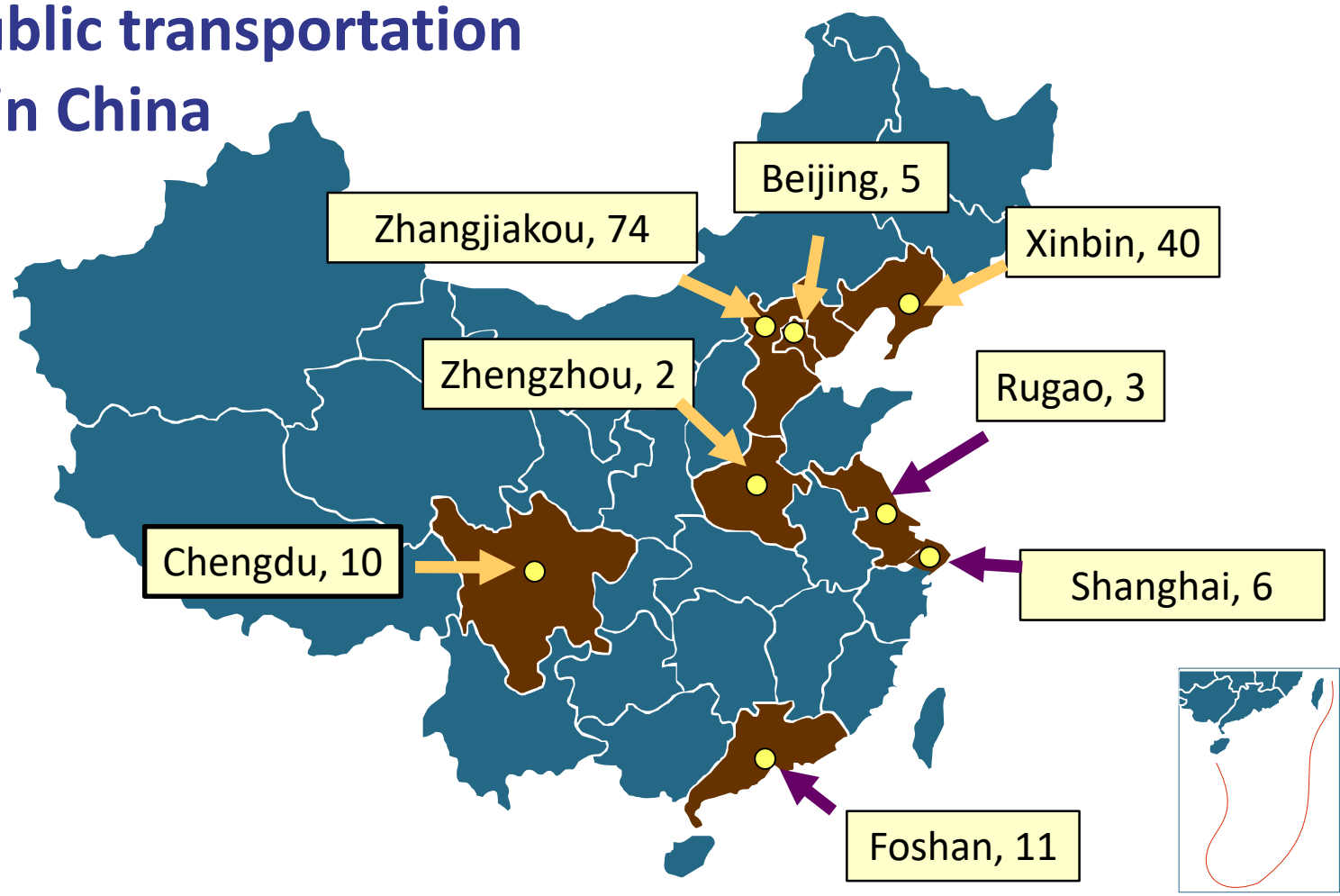
Date	City	Province	Number	Bus Line
June 11th	Rugao	Jiangsu	3	Xingxing Line
June 28th	Chengdu	Sichuan	10	Pidu P09 Line
July 25th	Zhangjiakou	Hebei	49	23 Line, 33 Line
August 16th	Zhengzhou	Henan	2	727 Line
September 27th	Shanghai		6	Jiading 114 Line
September 29th	Zhangjiakou	Hebei	25	1 Line
October 27th	Beijing		5	384 Line





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## FCV public transportation buses in China





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## Events

- On October 11th, the “**2018 China Hydrogen Energy and Fuel Cell Industry Forum**” was held in Haikou, Hainan Province, China.
- On October 23-25th, the “**3rd International Hydrogen Fuel Cell Vehicle Congress**” was held in Rugao, Jiangsu Province, China. International guests from U.S., Germany, Japan, Korea and European Union were invited to give presentations on the congress.
- On October 25-27th, Japan’s Prime Minister Shinzo ABE visited China. China and Japan agreed to cooperate in the field of hydrogen energy. Japan’s **JXTG Energy Group** and China’s **Sinopec Group** will **jointly build hydrogen refueling stations in third-party markets**.
- On November 2-8th, the “**2nd Hydrogen Energy Week Series Activities**” was held in Foshan, Guangdong Province, China.



**Thanks for your attention**