



Activity Title and Number: Study Assignment on Deployment of Passenger Car Off-cycle Technologies related to Reduction of CO2 and Fuel Consumption A454-C2	Beneficiary: Ministry of Industry and Information Technology (MIIT)
Location and Date: Belgium, France and Germany, 30 August to 6 September 2015	Stakeholders: China Automotive Technology and Research Center (CATARC) China Automotive Engineering Research Institute (CAERI) European Automobile Manufacturers Association (ACEA)

Brief Activity Report

Relevance and Impact

There's a clear trend towards convergence of fuel efficiency legislation and standards between the major global economies, in particular between the EU and China. It is, therefore, to the benefit of both the EU and China to promote frequent technical exchanges between legislators, technical experts and automotive industry representatives to foster a mutual understanding and exchange good practices to promote the harmonisation of fuel economy legislative standards. To support these exchanges, EUCTP II organised a study assignment for a Chinese delegation from CATARC and CAERI to learn from the European experience about the latest developments of fuel efficiency legislation.

Activity Description

Mr. ZHAO Dongchang, Chief Analyst of CATARC, Mr. GUO Qianli, Vice Chief Engineer of CATARC and Mr. ZHANG Shuo, Senior manager of ACEA participated in the study assignment.

The Chinese and EU experts discussed the following topics:

- The adjustment of M0 value as the EU (EC) Regulation No. 433/2009;
- The latest status of Passenger Car Off-cycle Technologies related to Reduction of CO2 and Fuel Consumption;
- The monitoring status of CO2 emission data; and
- Suggestions to the development of worldwide harmonized Light vehicles Test Procedures (WLTP) from Peugeot Citroen Group



The Chinese delegation meeting with the Peugeot Citroen Group in Paris

Results and Dissemination

The participants:

- Improved their understanding of the EU passenger car CO2 emissions and fuel consumption reduction, especially 'off-cycle' technologies for passenger cars and commercial vehicles.
- Gained a better understanding of the need to innovate vehicle technologies while improving global vehicle safety.
- Gained a better understanding of the good practices and developments in the EU on decreasing environmental pollution and energy consumption