Workshop On Light-Duty Vehicle Fuel Efficiency Standard Development and Technology Assessment

China Automotive Technology and Research Center
International Council on Clean Transportation

December, 6th 2012
Tianjin
Agenda

8:30-8:40  Opening speech/welcome (Director Hou, CATARC)

8:40-9:10  Design of Fuel Economy/Greenhouse Gas (GHG) Standards Learning from international experiences (Hui He, ICCT)

9:10-10:40  Vehicle Technology for 2020 and Beyond: Potential and US/EU Evaluation Methods (John German and Nic Lutsey, ICCT)

Explanatory note: introduce US EPA and EU’s approach to evaluate future fuel efficiency/CO2 reduction technology potentials and costs (including Ricardo simulation modeling, FEV tear-down cost analyses), and ICCT-EU joint research in developing EU cost curves to meet 2020-2025 CO2 emissions standards.

- Current fuel efficiency/CO2 reduction technology development and trends
- Ricardo efficiency simulations
- FEV tear-down cost analysis
- Light-weight material and technology potential and analysis
- EU cost curves

10:40-11:00  Tea break

11:00-11:40  Technology assessment of China’s new passenger car fleet and international comparisons (Hui He, ICCT)

12:00-1:30  Lunch

1:30-2:30  China’s 2016-2020 passenger car fuel consumption standard development and research work (CATARC)

2:30-4:30  Manufacturers’ fuel-saving technology adoption status and development plan

- United Automotive Electronic Systems Co.
- Chang’an Automobile
- Great Wall Motors
- SAIC-GM-Wuling Co.

4:30-4:45  Tea break

4:45-5:15  Q&A and discussion

5:15-5:30  Closing remark (CATARC)