Topic 1: Vehicle Range and Energy Consumption

Presented by: Japan, WLTP
Day 1, Agenda Item 4
EVE-12 meeting
October 28-29, 2014
Vehicle Range and Energy Consumption

- It is recognized that electrified vehicle range and energy consumption is greatly affected by environmental conditions and vehicle interior climate control and occupant comfort.
- Recommendation 5.1 is “to quantify the impact of climate and auxiliary system operation on range and energy efficiency”

![Graph showing Nissan Leaf & Chevrolet Volt: Range vs. Temperature](http://news.fleetcarma.com/wp-content/uploads/2013/12/LeafandVolt_Range_Cold_Weather_FleetCarma.png)

- Leaf Average Range
- Volt Average Range

Leaf = 7375 trips
Volt = 4043 trips

*For the Volt, trips below 25°F (-4°C) were removed since the engine turns on during those trips.
Topic 4: Battery Recycling

Presented by: OICA
Day 1, Agenda Item 6
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Battery Recyclability

• The reference guide recommends “Having well thought and standardized requirements in this area is likely to make actual recycling requirements easier to specify and more effective in the long term.”

• Within the scope of WP.29?