Valeo’s highway automated driving car, Cruise4U®, completes successfully “Hands-Off Japan Tour”

Tokyo, October 18, 2018 – Valeo’s highway automated driving car, Cruise4U®, has completed the "Hands-Off Japan Tour" on October 17 successfully, and came back to the starting point, the Tsukuba Techno Center, the heart of Valeo Japan’s R&D activities for automated driving. The car logged about 6,700 kilometers on highways around Japan in a 3 weeks journey, with about 98% of the distance completed in autonomous mode.

During the road trip, Cruise4U® visited 4 sites of Valeo Group in Japan, Akita Plant (Akita Pref.), Nakatsu Plant (Oita Pref.), Kyushu Ichikoh (Oita Pref.) and Kyushu Plant (Fukuoka Pref.). The Cruise4U® engineers were warmly welcomed by their colleagues and explained the vehicle to them.
It is a big achievement for Valeo’s local R&D team in Japan to finish the Hands-Off Japan Tour by the automated car set up by themselves. During the Hands-Off Japan Tour, Cruise4U® ran under a variety of weather conditions and Valeo’s engineers collected a large amount of very valuable data about the specificities and the variability of highways in Japan, such as winding mountain stretches with many tunnels, and road markings with Japanese characters and arrows. These data are precious source to accelerate the development of automated driving technologies adapted to Japan needs.

Valeo Cruise4U® is exclusively equipped with automotive qualified sensors from Valeo production
- 6 Valeo SCALA® laser scanners
- 1 front camera
- 4 corner radars
- 4 surround cameras
- 12 ultrasonic sensors
The sensor data is fused to create a redundant 360⁰ perception

About Valeo in Japan

Valeo marked the first step in Japan by establishing a Japanese branch in December 1985. Japan, homeland of leading automotive manufacturers, is a key strategic country for Valeo Group. Valeo is a leading global automotive supplier with deep-rooted footprint in Japan through 17 plants, 7 R&D centers and about 6,145 employees. Valeo Japan is Group’s center stage for Research and Development, Manufacturing, Business Development and customer-care for the Japanese carmakers in Japan and worldwide.