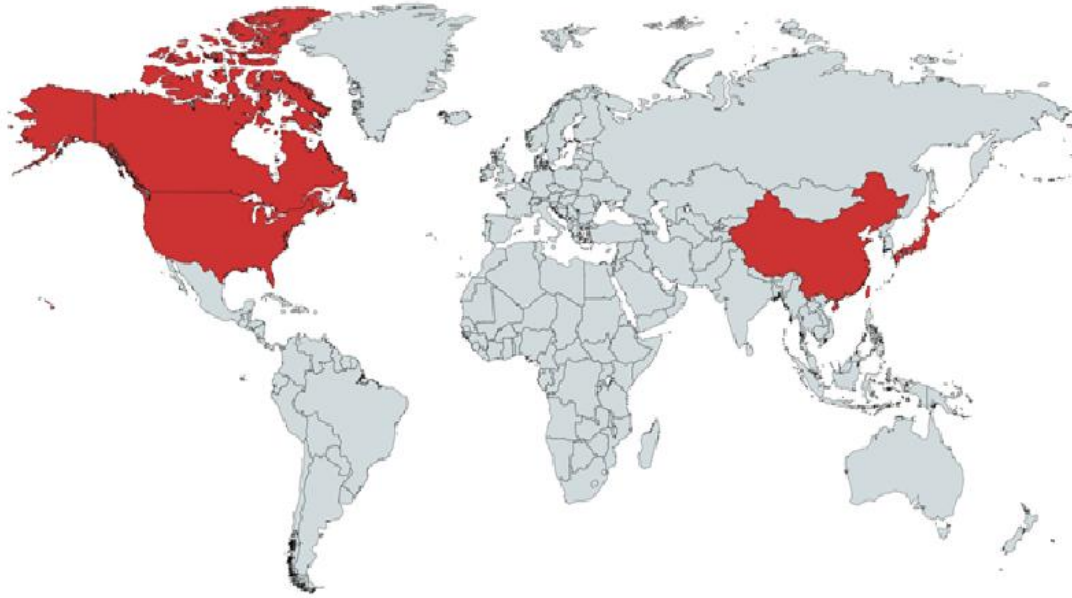


TF-ADAS # 17

Presentation of the results from a
Study on L2-Hands-Off

19-Jan-2023

L2-Hands-Off Driving - Introduction and Market Demand



Introduction in different markets:

US:	2018
Canada:	2018
China:	2018
Japan:	2019

- Customers are widely using L2 Hands-Off driving systems in major markets since 2018
- Growing number of manufacturers are offering these systems
- ISO PAS 11585 (Conditional Hands Free Driving Systems) **describes** State of the Art, expected to be ready mid 2023
- Example Cadillac: “Over 34 million hands-free miles driven with Super Cruise” since market introduction*
- Example Ford: “More than 10 million miles hand-free in just one year”

* <https://www.cadillac.com/world-of-cadillac/innovation/super-cruise> (status Nov 2022)

** [BlueCruise Ford Power-Up Software Update Transforms F-150, Mustang Mach-E Models for Hands-Free Driving | Ford Media Center](#) (status Jul 2022)

Level 2 Hands-Off - Background

- **2018: The informal group ACSF (16th session) ...**
 - started to develop provisions for Automated Lane Keeping Systems, **ALKS (ECE-R157)**
 - invited industry to start directly with GRVA the discussion on what needs to be changed /added to **ECE-R79** to allow for **Hands-Off/ Eyes On** Lane Keeping Systems under a **SAE Level 1-2** assumption.
- **2020: GRVA-07-23: OICA/CLEPA submitted a proposal to amend R79 ACSF B1** to allow Hands-Off in specific conditions.
- **2021: GRVA** established a **TF-ADAS** to develop a new UN-R with the focus on systems of Level 2 (DCAS)
- **2021-Sept: TF-ADAS-07: OICA/CLEPA** announced an independent research project on level 2 Hands-Off in order to ...
 - answer the concerns and questions raised at GRVA and at TF-ADAS
 - enable a fact-based discussion in the TF-ADAS
- **2023-Jan-19: GRVA-TF-ADAS -17: Presentation of the study results & recommendations**

TF-ADAS to decide on the way forward for L2 Hands-Off Driving

TF-ADAS
Agenda
19-Jan-2023

L2 Hands-Off
Study Results

Introduction

Methodology incl. Q+A

**Prolonged Transition Time (CQ2)
Detailed presentation + incl. Q+A**

Break

**Remaining 4 challenges / questions
(CQ1, CQ3, CQ4, CQ5)**

Summary & Outlook

Q+A