Evaluation methodology including impact analysis on safety and environment

**Project Overview**

- **Duration**: January 1, 2014 - June 30, 2017
- **Coordinator**: Volkswagen Group Research
- **Consortium**: 29 partners from 8 countries - France, Germany, Greece, Italy, Spain, Sweden, The Netherlands, United Kingdom; including 11 OEMs, 4 suppliers, 11 research institutes and universities, and 3 SMEs
- **Research Budget**: EUR 25 million
- **Funding**: Co-funded by the European Commission as part of the Seventh Framework Programme with EUR 14.3 million. Supported by the European Council for Automotive R&D, EUCAR

**Evaluation Methods**

**Evaluation Areas**

- User-Related Assessment
- Technical Assessment
- In-Traffic Behaviour Assessment
- Impact Assessment

**Impact Assessment**

**Research Questions**

- How is an evaluation framework for automated driving defined?
- What are the requirements for the evaluation of automated driving?
- What are evaluation criteria for automated driving?
- Which tools are necessary for the evaluation of automated driving?
- How is a impact assessment methodology for automated driving defined?
- What is the impact of automated driving on safety and environment?

**Evaluation Approach**

- **Event based operating function**
  - Function that is only active for a short period in time
  - Examples: Parking, Minimum Risk Manoeuvres

- **Continuously operating function**
  - Function that is active for a longer period in time
  - Example: Highway Pilot

**Subproject Partners**

- ika
- bast
- BMW Group
- CTAG
- LUND UNIVERSITY
- TNO