



L3Pilot-hanke

Kuinka arvioidaan tason 3 vaikutuksia
pilottitutkimuksessa

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THE L3PILOT TRAFFIC JAM CHAUFFEUR **RELIEVES** FROM EXHAUSTING, MANUAL DRIVING DURING TRAFFIC JAMS. On motorways and similar roads the car takes over the driving in traffic jams up to 60 km/h.

TRAFFIC JAM

Piloting Automated Driving on European Roads L3Pilot paves the way for large-scale field tests of automated driving functions.



THE PARKING CHAUFFEUR ALLOWS THE USER TO REQUEST THEIR VEHICLE TO COMPLETE MANOEUVRING INTO AND OUT OF GARAGES AND DRIVEWAYS.

PARKING



SYSTEM ON DRIVER RELAXED

With the Motorway Chauffeur the car adapts to various traffic conditions. It follows the lane and adjusts speed considering various factors such as keeping a safe distance to the vehicle in front or following the speed limit.

MOTORWAY

STRESS-FREE DRIVING IN URBAN AREAS.

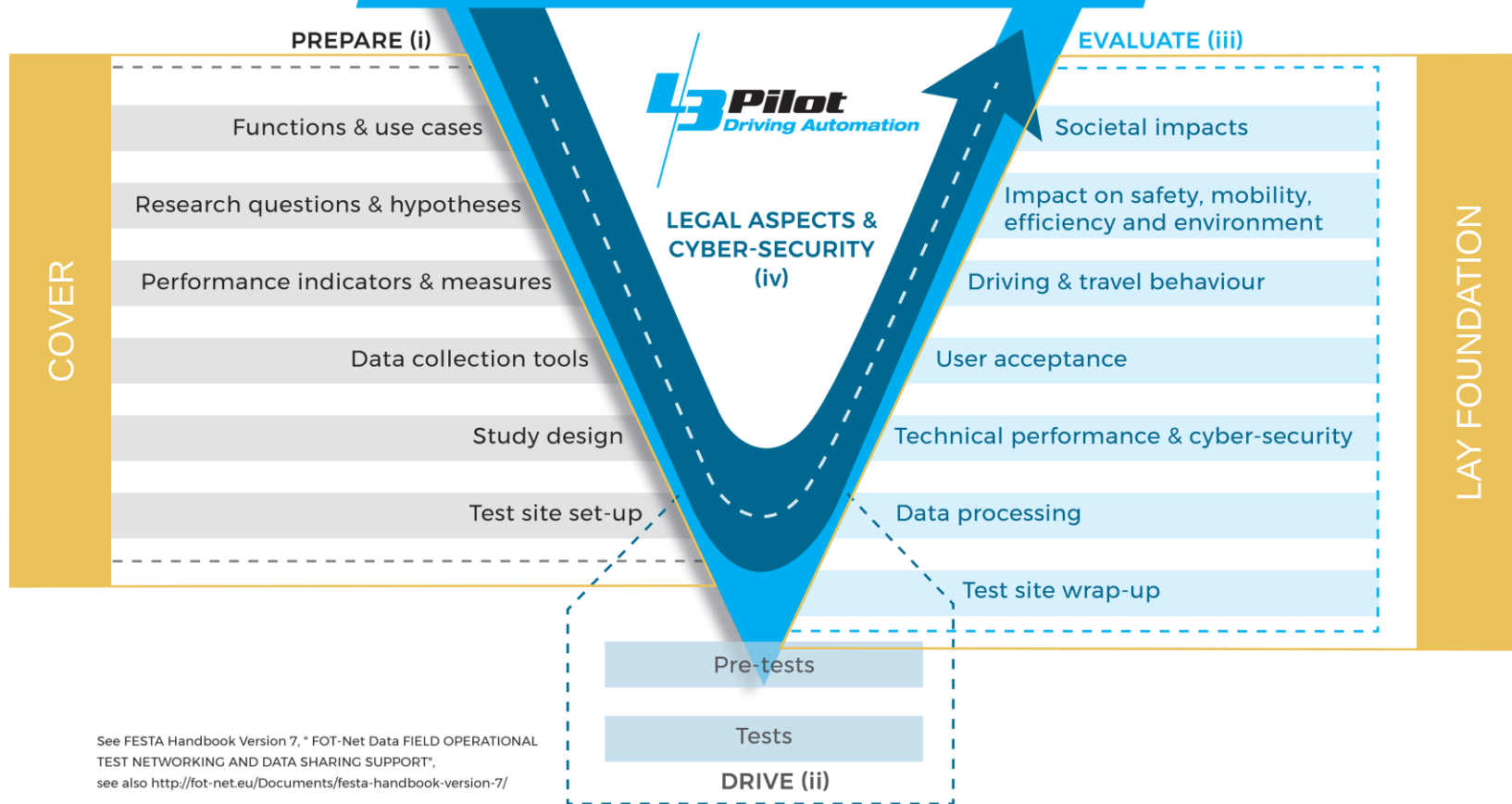
With the Urban Chauffeur the vehicle automatically follows the lane, starts and stops and handles overtaking within cities.



URBAN

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FESTA Implementation Plan adapted to L3PILOT



Tutkimuskysymysten valinta



Teoriat
vaikutus-
alueittain



Tutkittavat
automaatti-
ajamisen
järjestelmät



Tutkimuskysymykset
(3 tasoa) kaikille
vaikutusalueille:

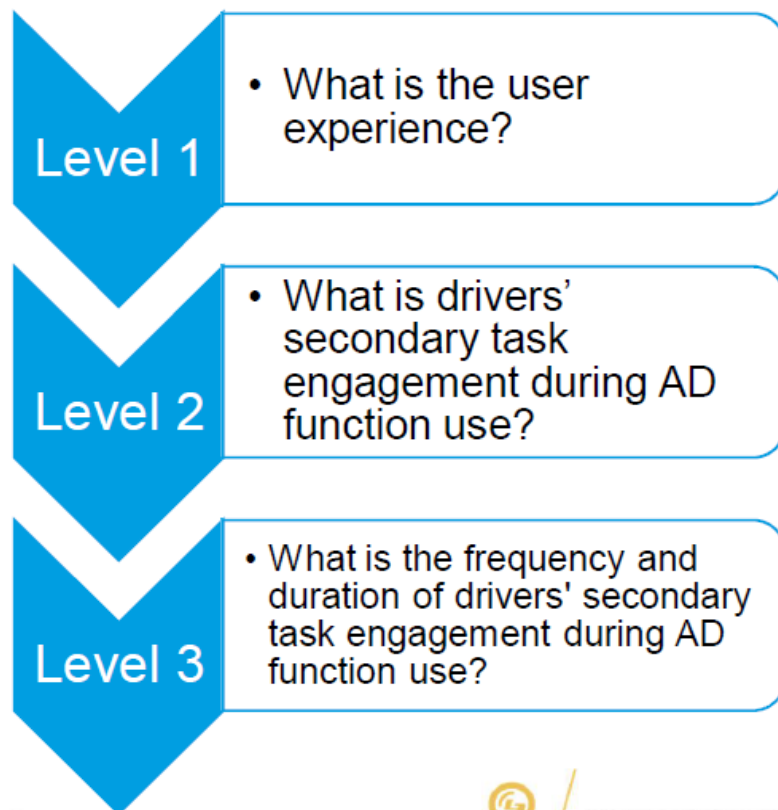
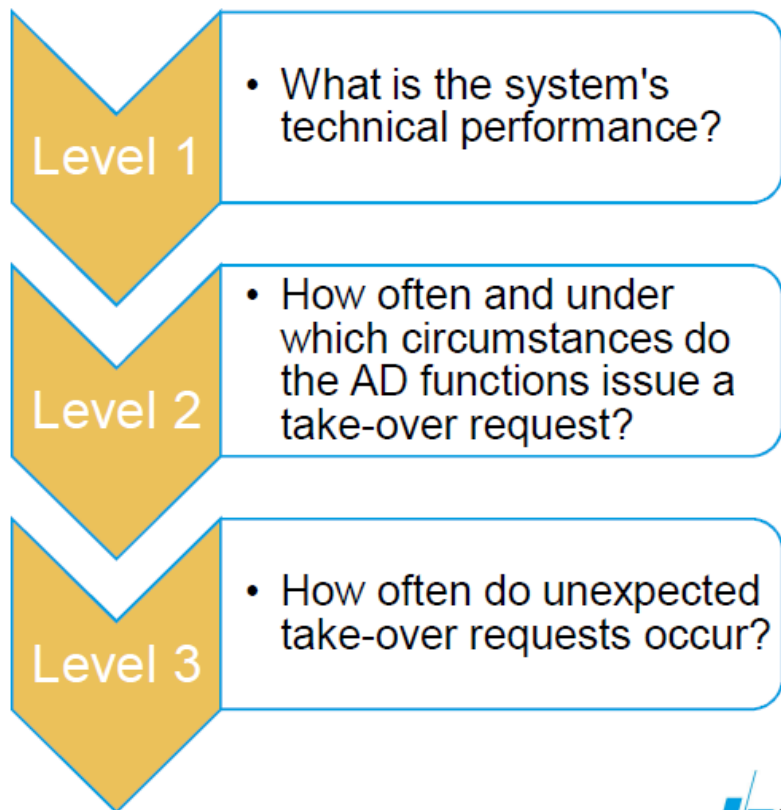
- Tekninen toimivuus ja vaikutukset ajamiseen
- Käyttäjien hyväksyntä ja käyttö
- Vaikutukset: Liikkumisen määrä, Turvallisuus, Tehokkuus, Ympäristö
- Sosio-ekonominen arviointi



Käyttökelpoisuus
huomioiden

- Tutkimus-asetelmat
- Tiedonkeruu (loggaus)
- Evaluointi-menetelmät

Esimerkkejä tutkimuskysymyksistä



Tutkimusmenetelmien ja lähestymistavan valinta

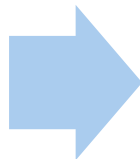


Experimental procedures: Approaches, participants, study design (incl. baseline)

- Aim: Sufficient commonalities to be able to make harmonised evaluation

Step 1: Description of alternatives

- Alternatives
- Pros & cons
- Minimum requirements

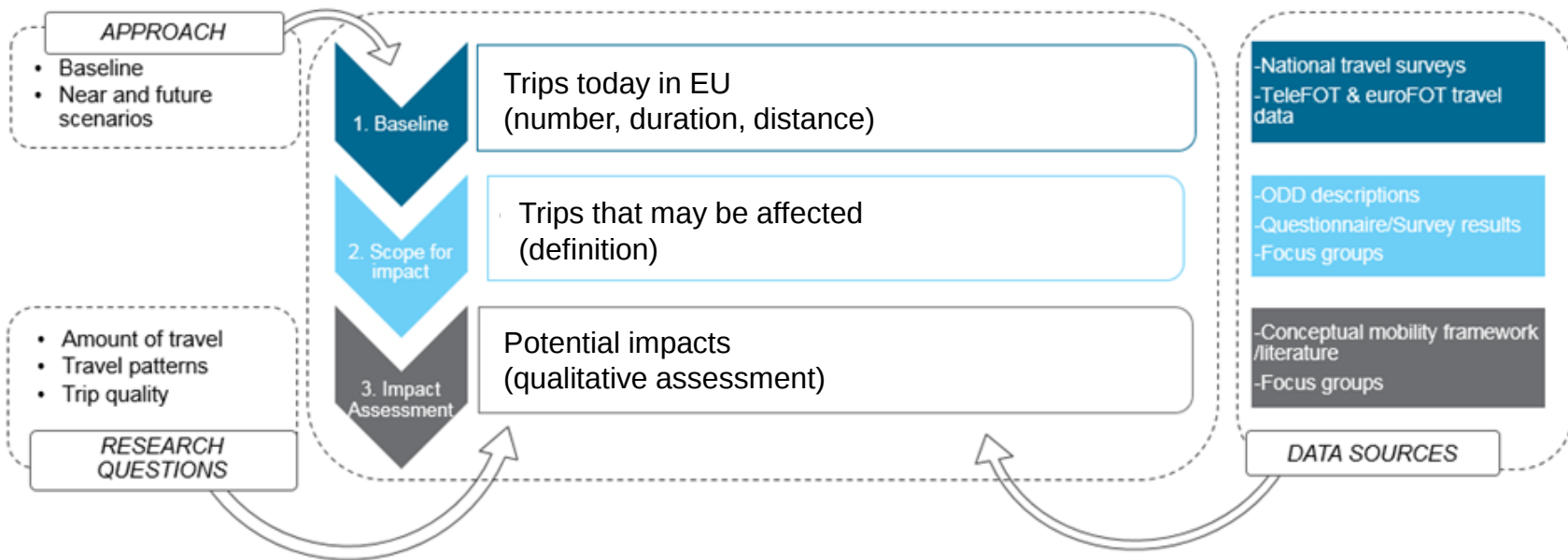


Step 2: Pilot site consultation

- Support on how to implement the methodology into practice
- Awareness of optimal solution vs. Best practical solution for a pilot study



Kuinka arvioida vaikutukset liikkumiseen (Mobility impacts)



Raportteja ja esityksiä L3Pilotin menetelmistä

Deliverables

- D3.1 From research questions to logging needs (2018)
- D3.2 Experimental procedures (2019)
- D3.3 Evaluation methods (2019)
- *D3.4 Evaluation plan (expected 2020)*

Available for download at <https://l3pilot.eu/download/>