



## Objectives of L3Pilot Methodology

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VTT



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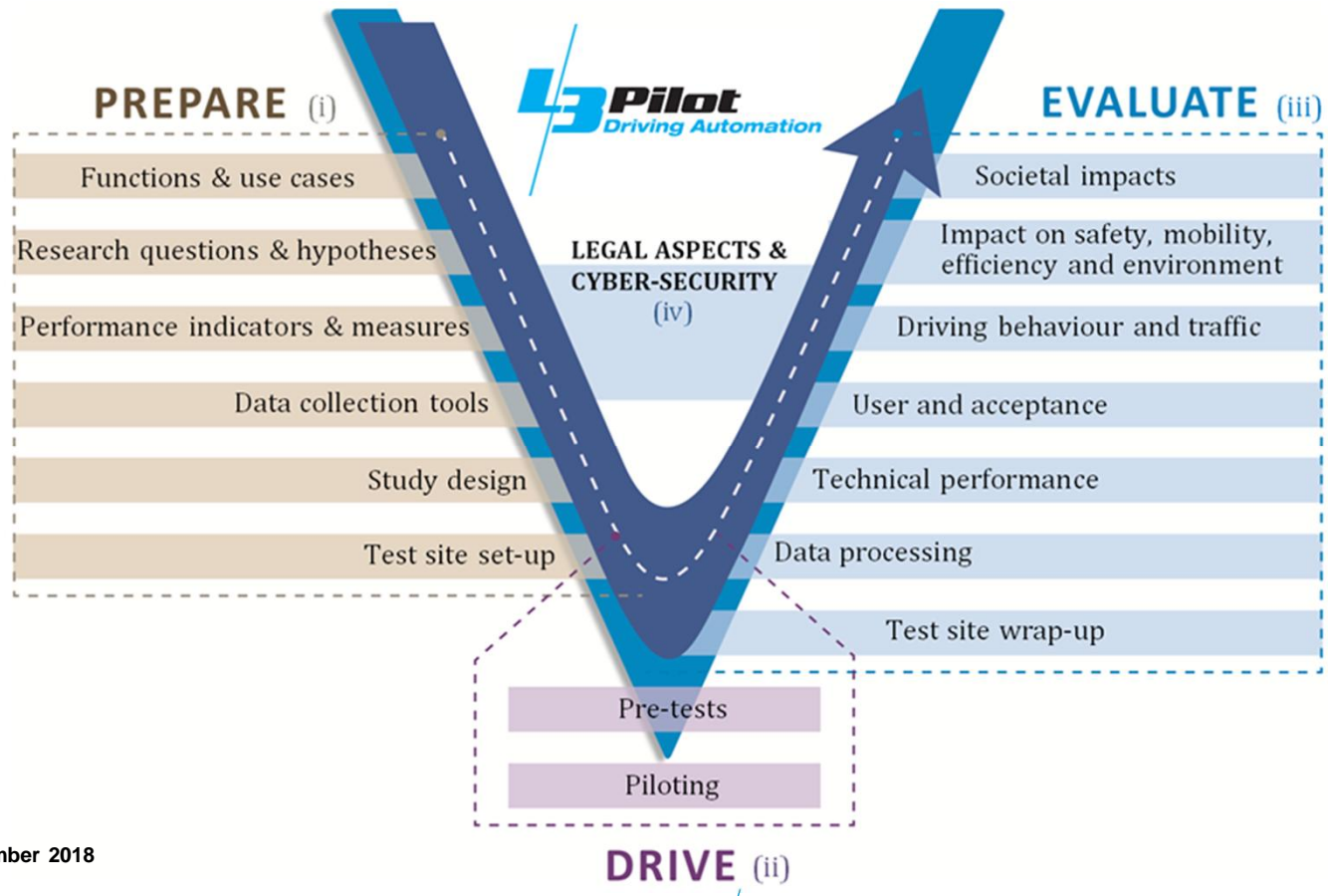
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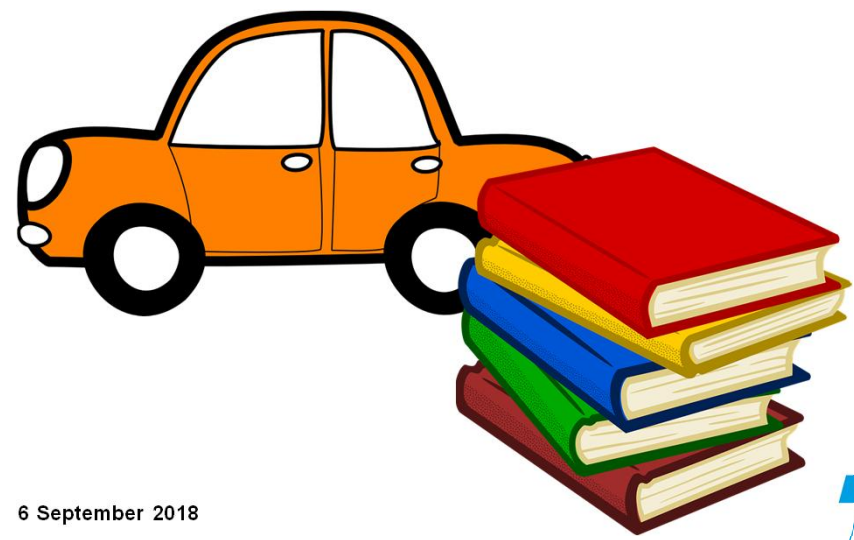
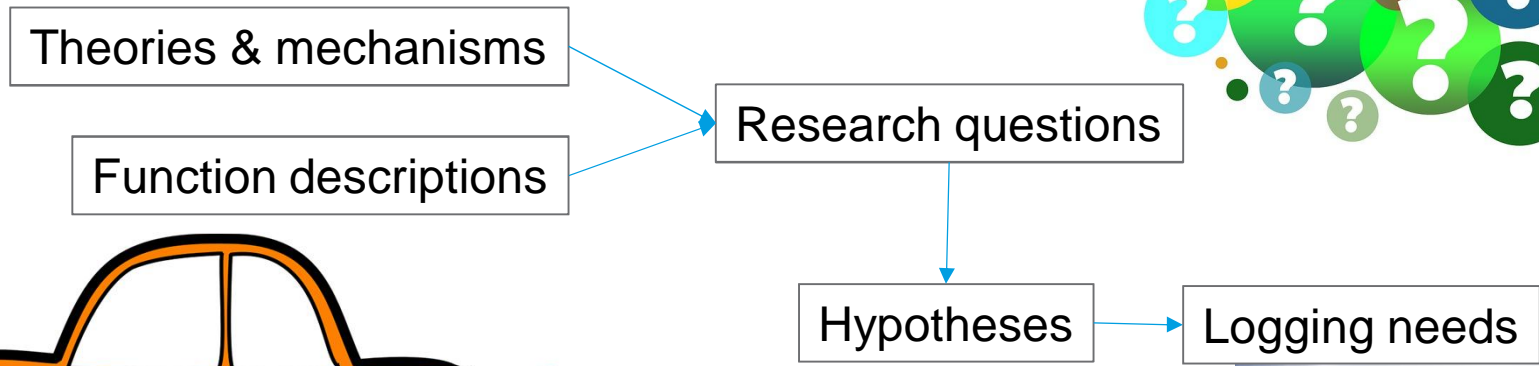
## Objectives for the methodology

- Develop a methodology for the piloting, testing and evaluation of AD systems for achieving reliable results
  - Reconsider the theoretical background and impact mechanisms required for building a multidisciplinary evaluation methodology
- Consider not only the expected positive impacts, but also the unintended, and possibly negative, impacts of AD
- Facilitate a good understanding of all possible effects of AD on the transport system, including the effects on equity of mobility and well-being of people, behavioural adaptation, safety and capacity, fuel consumption and emissions
- Provide input to a Code of Practice for AD testing, interface design, and investigation of Human Machine Interaction

# L3Pilot methodology overall structure



# Step 1: Define research questions, hypotheses & logging needs



## Step 2: Define experimental procedures and make plans how to implement them on the pilot sites



### Controlled tests:

- What is allowed?
- By whom?
- Where?
- When?
- In which conditions?
- For how long?
- Etc...

## Step 3: Define research methods for all research questions

- Existing tools
- New tools





Thank you for your kind attention.

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