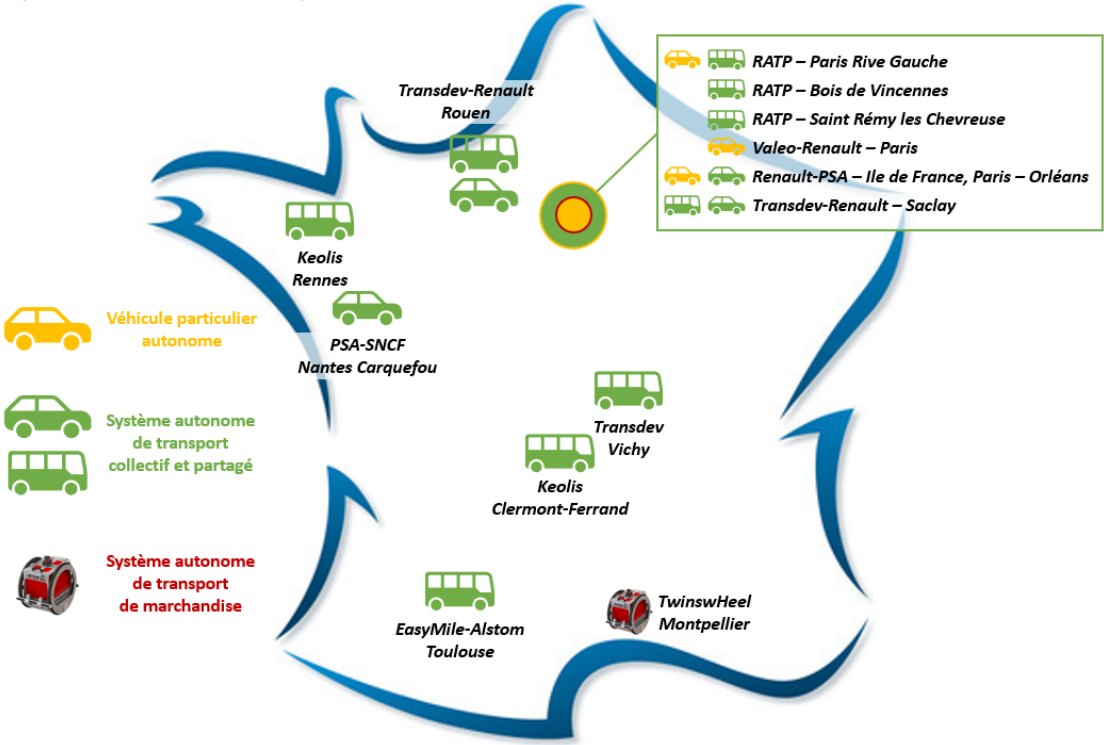
SÉCURITÉ
ACCEPTABILITÉ
MOBILITÉ AUTONOME

SAM PROJECT
SAFETY & ACCEPTABILITY OF AUTOMATED MOBILITY

Key elements of the SAM project

Experiments to demonstrate the Safety and Acceptability, and assess the socio-economic impacts of automated Mobility

- French National project – National Strategy for AV
- Project started on 20/06/19
- Various use cases

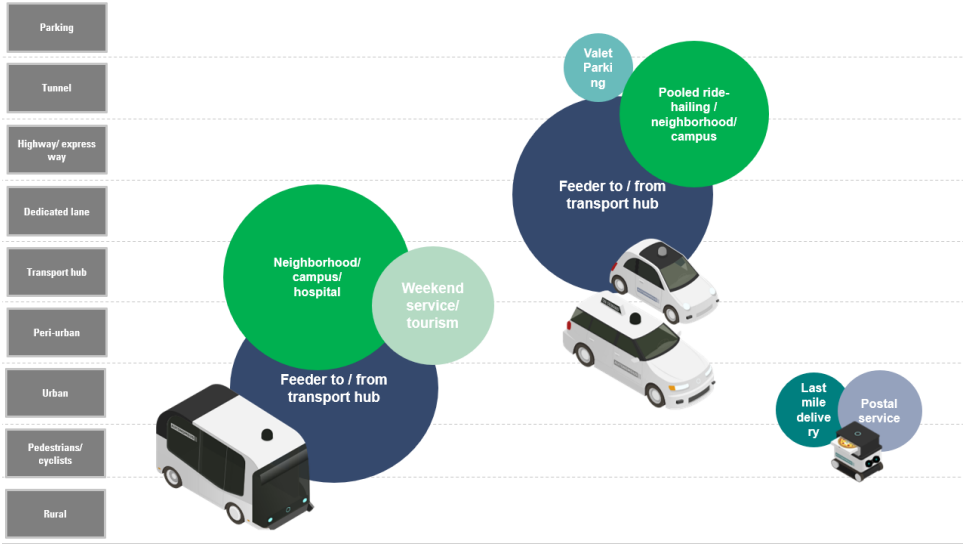


18 partners from industry and research sectors

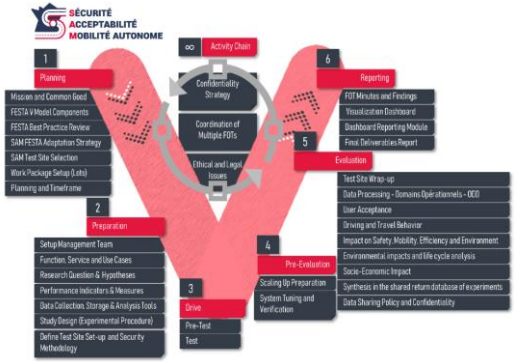
New methodology for multi ADL4 FOT

1 multi FOT project :
- Multi vehicles
- Multi services
- Multi environment

Adaptation of FESTA methodology



New implementation plan



Common assessment methodologies

Common descriptions : Use cases, Service description, Data framework

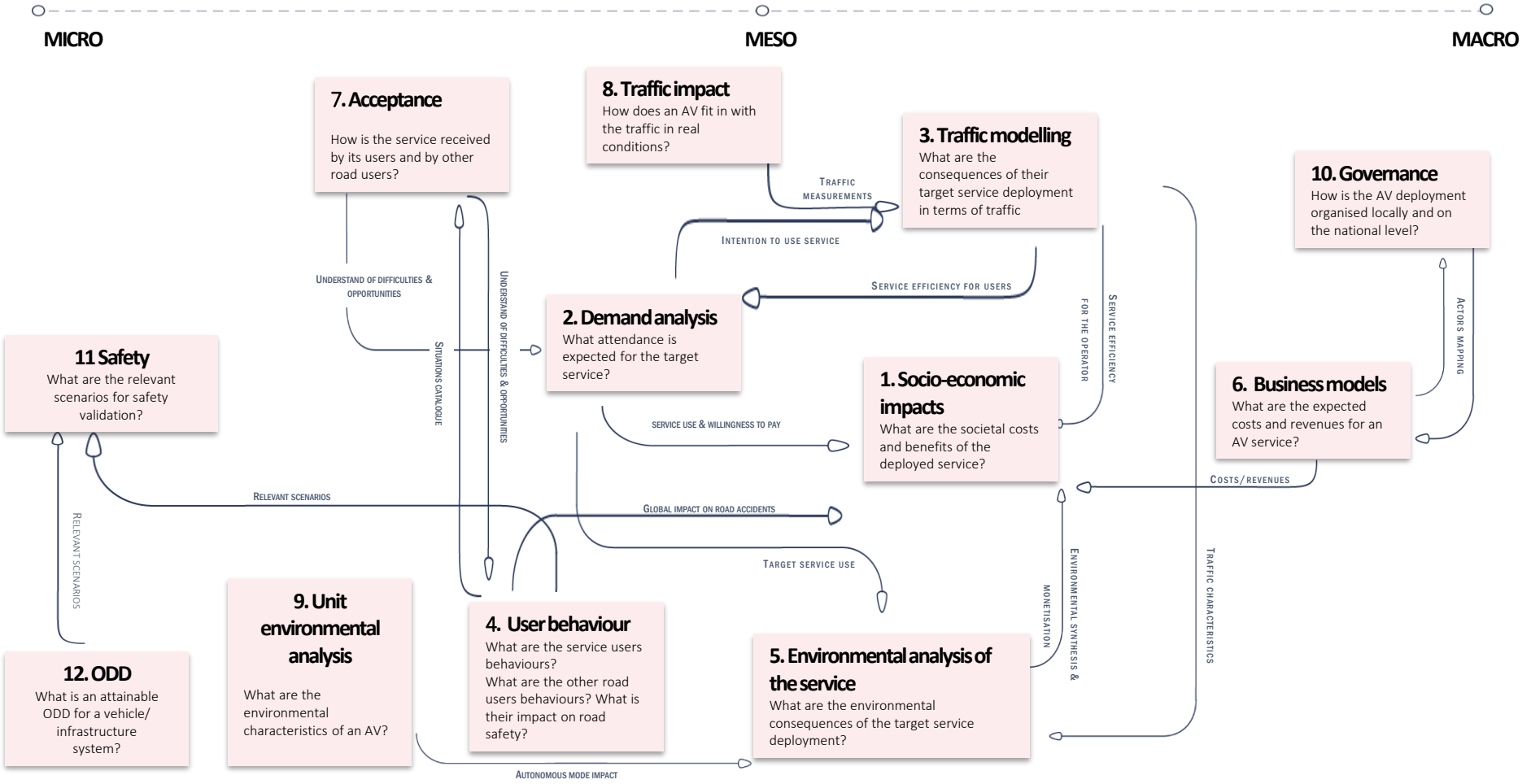
Results

12 Assessment domains
60 level 1 research questions
77 KPIs identified
More than 200 data models

MICRO

MESO

MACRO



Local challenges increased by Covid situation

Existing challenges at local level

- How to share the street and its organisation
- Consequences on the urban landscape
- The curb : new functions, new organisation, new rules
- New Collaboration processes necessary for all stakeholders

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Covid crisis and social distancing

- Growing attractiveness of soft modes Balance between individual vehicle, shared mobility and public transport
- Uncertainty on demand and mobility needs (home working, housing..)
- Online purchasing development and urban delivery

Opportunities to be addressed

- Automated urban delivery
- Increasing engagement of local authorities (regulation, management of public space, etc...)
- More flexible means of using the urban space required

Thank you for your attention

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