

Introduction FDTech @ CADA

Cooperation Workshop with Czech Republic

AUTOMATED DRIVING



Facts and Figures

Founded by

5 experts in the field of ADAS and AD

Since August 2018

Majority stake:

5 FDTech founders

Minority stake:

Volkswagen AG

Strategic alignment

Special solutions in the field of AD pre development and it's transfer into series development at OEM's and Tier's

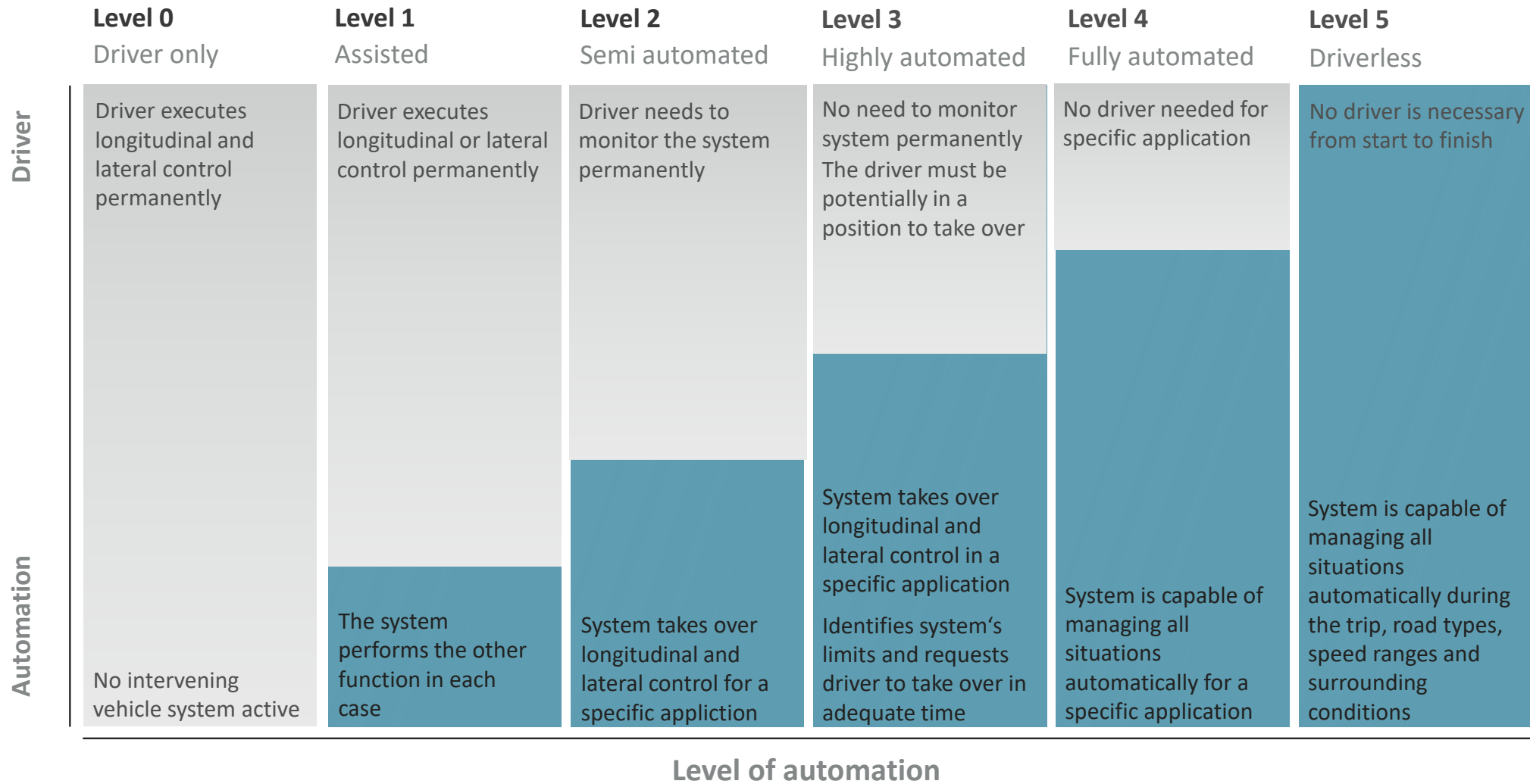
Operational independence

Fast pace in setup and at technology topics

Founded	10/2017:	5 employees
Today	01/2021:	100 employees
Plan	01/2023:	160 employees
Locations	Chemnitz (Headquarter) München Wolfsburg	



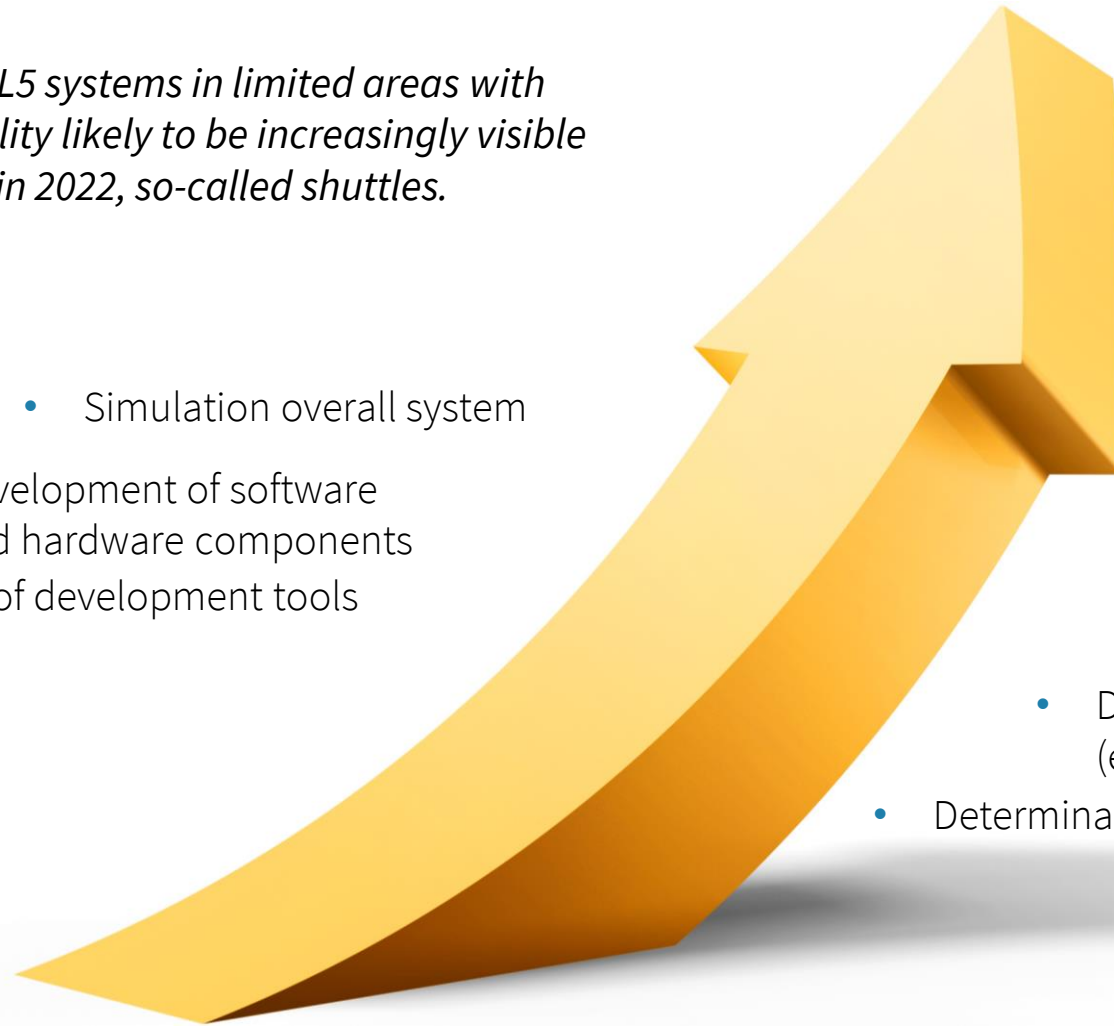
Level of Automated Driving



Forecast: First L5 systems in limited areas with limited functionality likely to be increasingly visible starting in 2022, so-called shuttles.

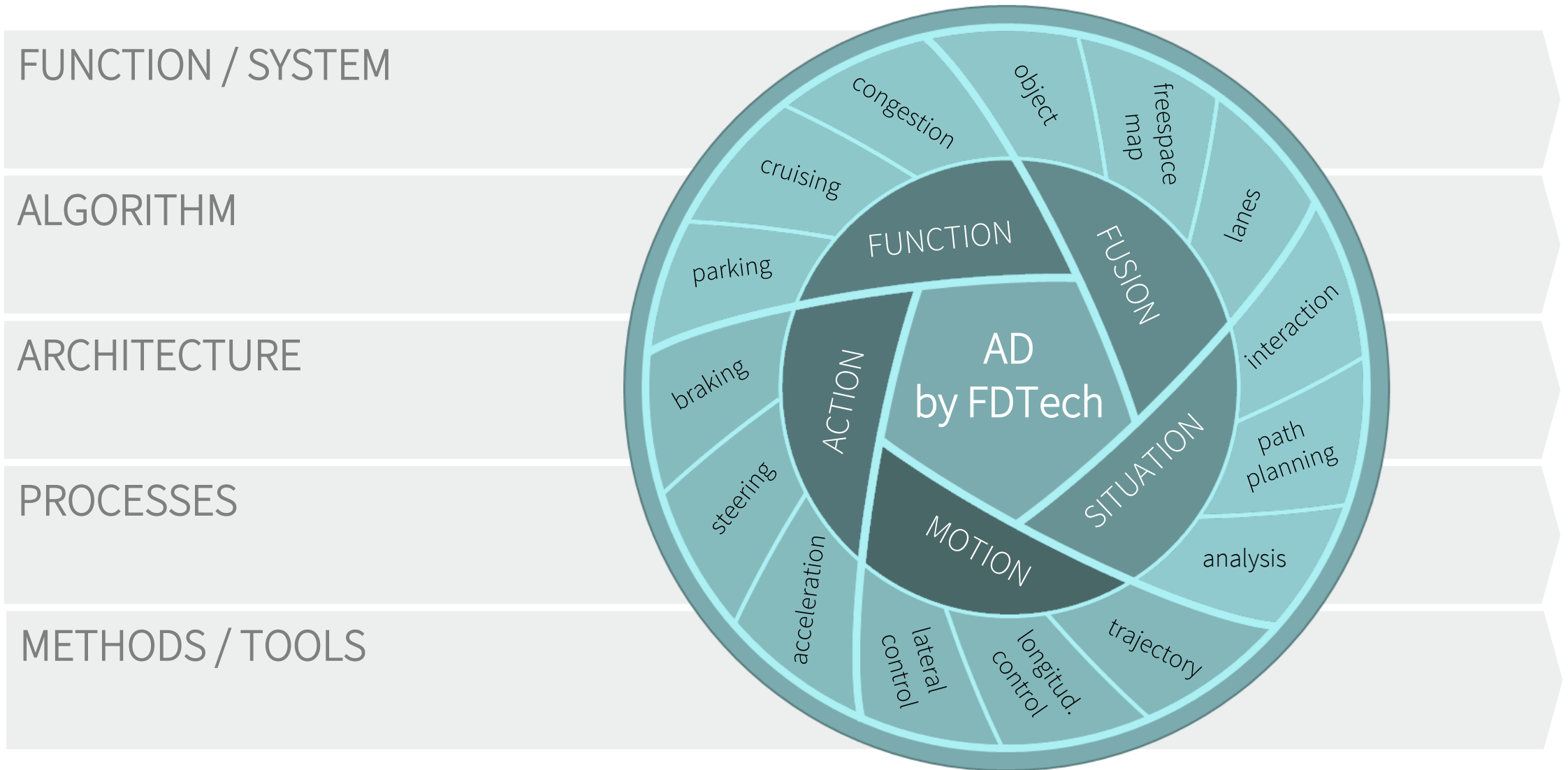
- Simulation overall system
- Development of software and hardware components
- Provision of development tools

So far:
Prototypes
Technical feasibility

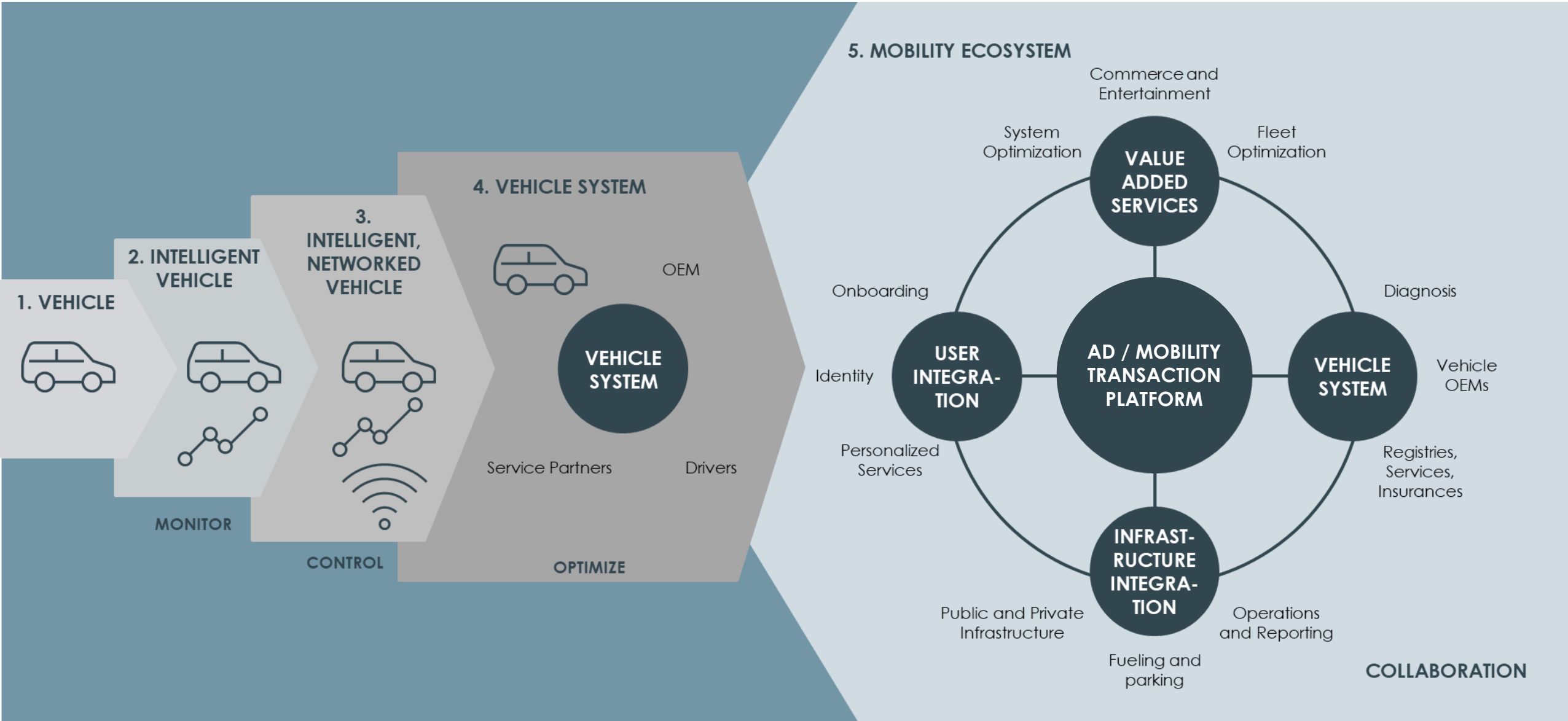


Apr. 2023/24:
L3 and L4 systems for
selected use cases

- Homologation
- Fleet testing (Shadowing)
- Available computing power Automotive suitable
- Design vehicles for AD (e.g. redundancies)
- Determination of legal framework conditions



Participation at the ecosystem of the customer – brand is not everything



INCREASING SPEED AND DRIVING DEVELOPMENT THROUGH PARTNERSHIPS



New development processes

Together instead of against each other

Establishment of new collaboration
models

Fast, dynamic decision-making

Partnership thinking



CHEMNITZ AUTOMATED DRIVING ALLIANCE





CHEMNITZ AUTOMATED
DRIVING ALLIANCE



- ▶ **CADA is a Germany-wide unique network in the field of automated driving. We think in partnerships.**
- ▶ The Chemnitz Automated Driving Alliance is an association of innovative technology companies in the regional automotive industry.
- ▶ We develop automated driving in Chemnitz. We want to make mobility sustainable and accessible to everyone.
- ▶ The participating companies generate special solution modules, which together provide an integrated software chain for automated driving.
- ▶ Through exchange we strengthen the potential of the other. Synergies are created through cooperation.

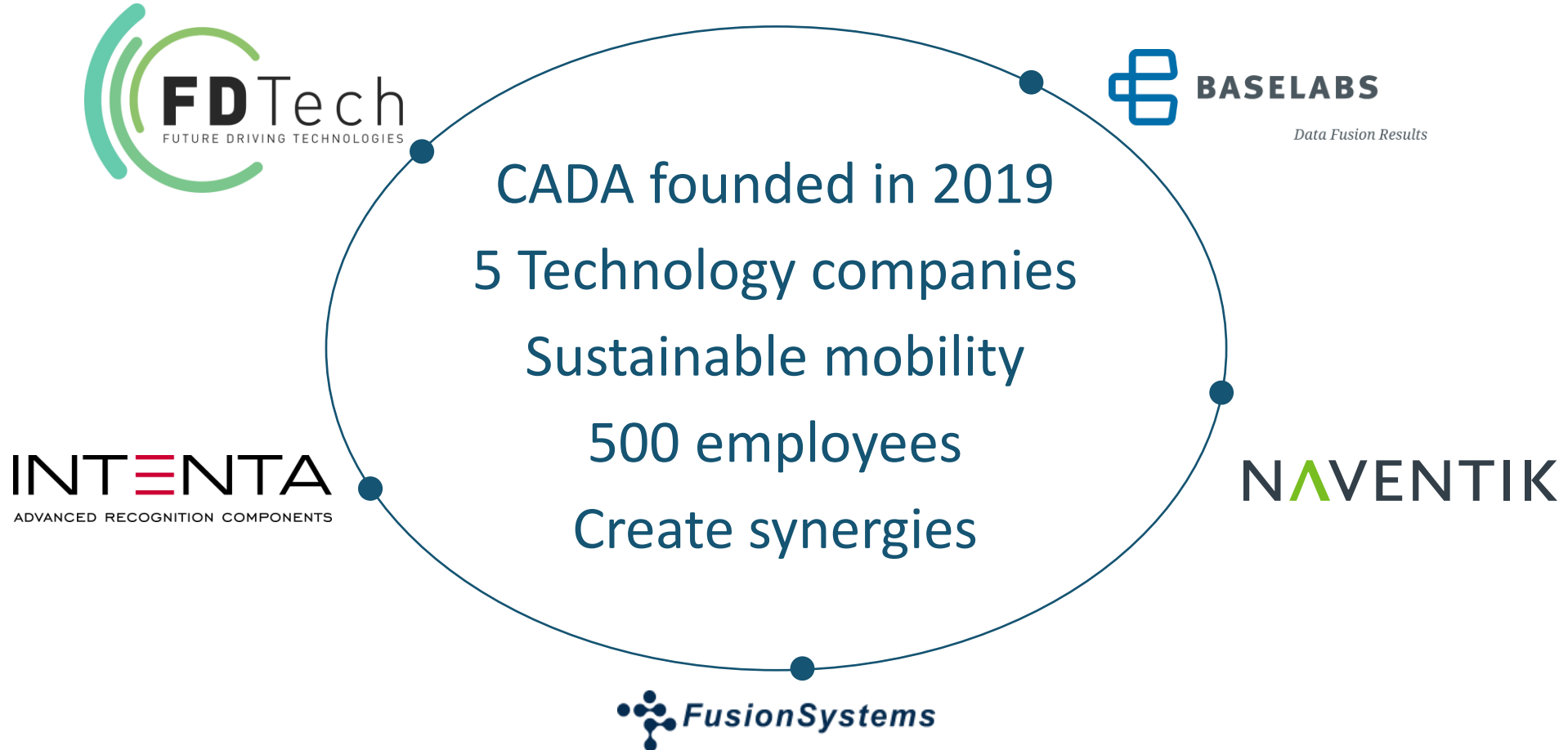
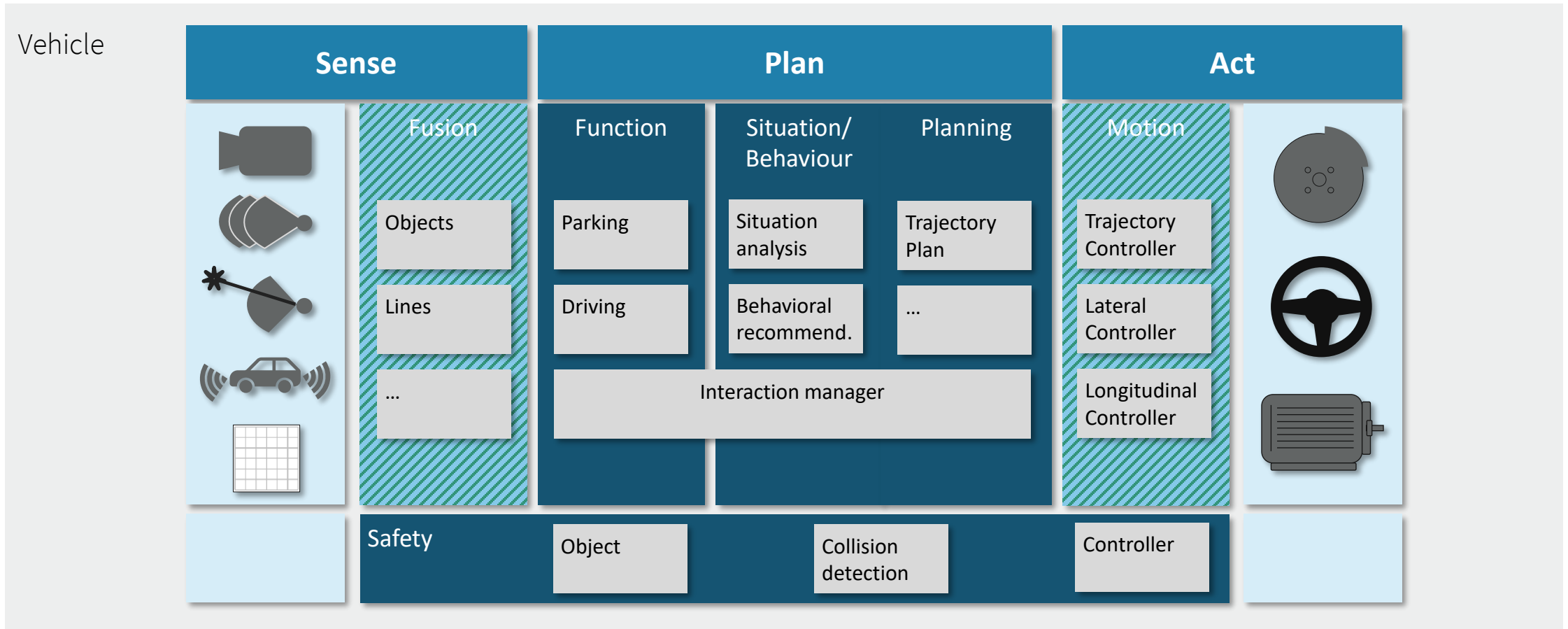


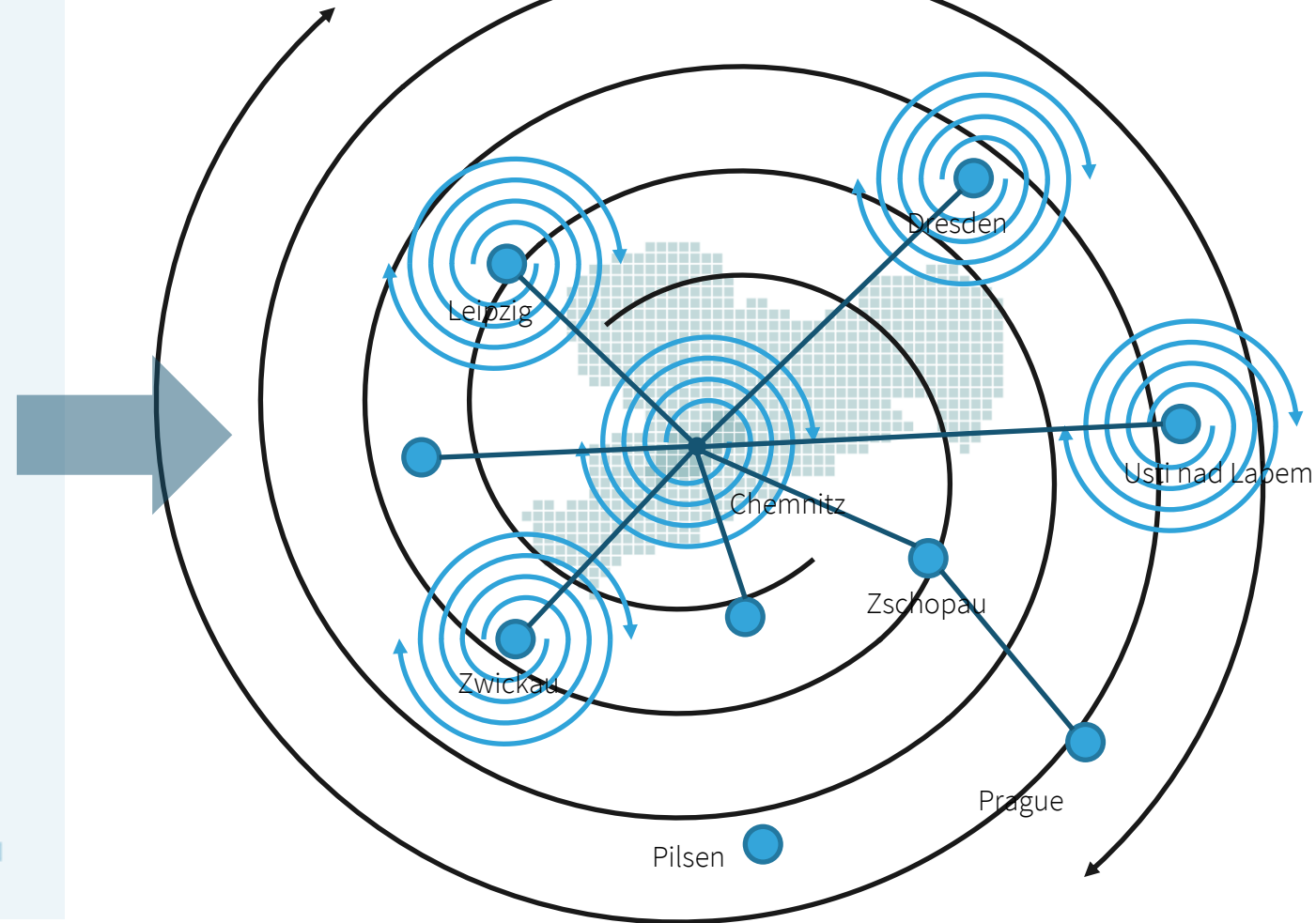
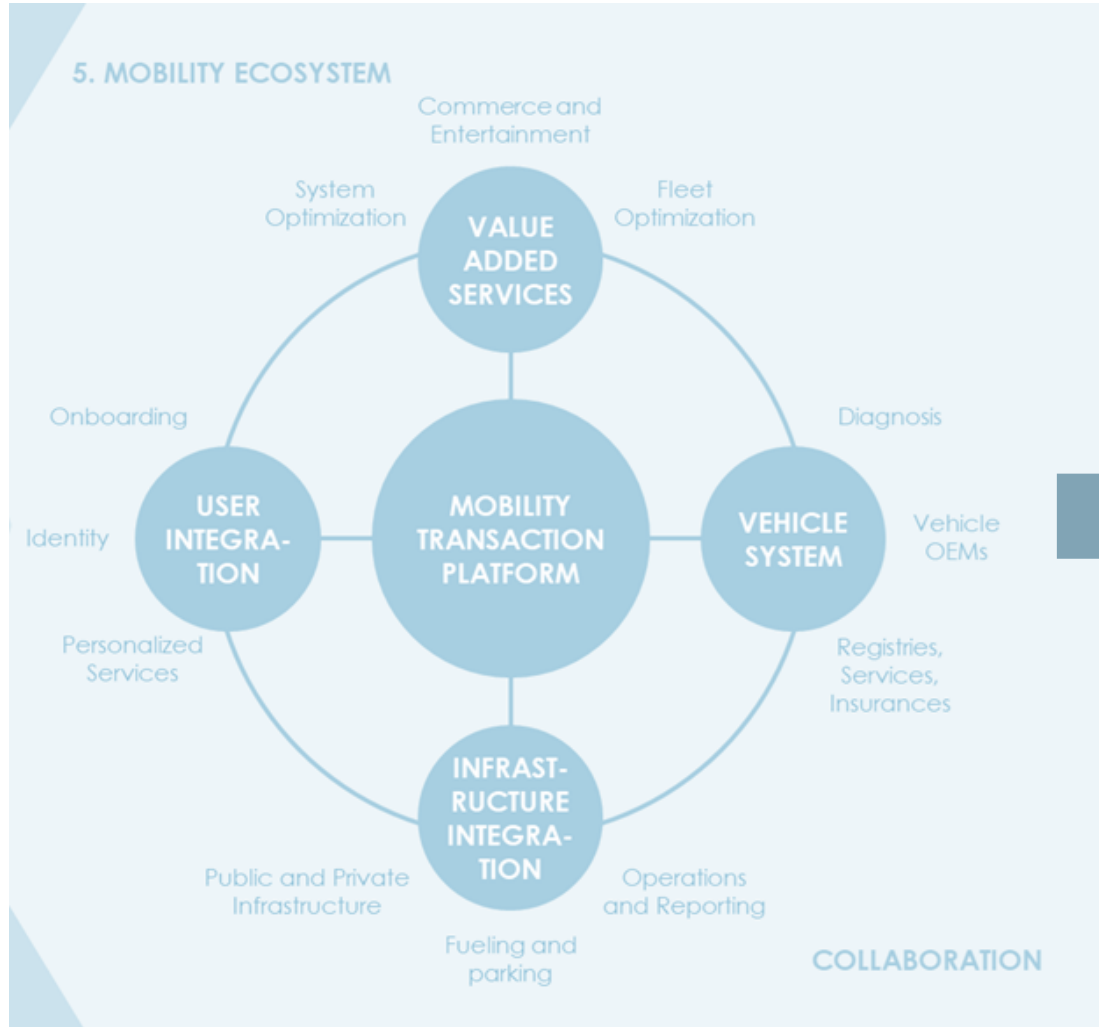
Illustration of the effect chain



High Level Function Components for Automated Driving

WE SHOULD THINK IN PARTNERSHIPS NOT ONLY LOCALLY BUT ALSO REGIONALLY

- ▶ To connect expertise and economic factors of the smart region and thus strengthen them to consolidate the future of the technology region.



INDIVIDUALLY, WE ARE ONE
DROP. TOGETHER, WE ARE
AN OCEAN.

Ryunosuke Satoro