Organizational improvement and process definition for autonomous driving development center

CLIENT: PASSENGER CAR OEM

BACKGROUND: Client lacks capabilities for series development of highly automated driving functionalities. FEV was asked to support in organizational change.

DELIVERABLES

- PDP concept & process definition for AD development
  - Full process concept and work-flow description
  - From requirements definition to validation and release
  - Scaled agility for improved quality and time-to-market

- AD development competence assessment and specification
  - AD development role definition and headcount estimation
  - Software tool chain specification and description
  - Testing hardware & infrastructure requirement specification

- Organizational structure concept and implementation plan
  - Agile AD organizational structure (based on SAFe)
  - Implementation plan along the 5 dimensions: Organizational structure, processes, software, hardware and human resources