



INTERNATIONAL ELECTRIC VEHICLE SYMPOSIUM & EXHIBITION



Project SmartLoad - Increased Reliability for Highly Automated Electric Vehicles

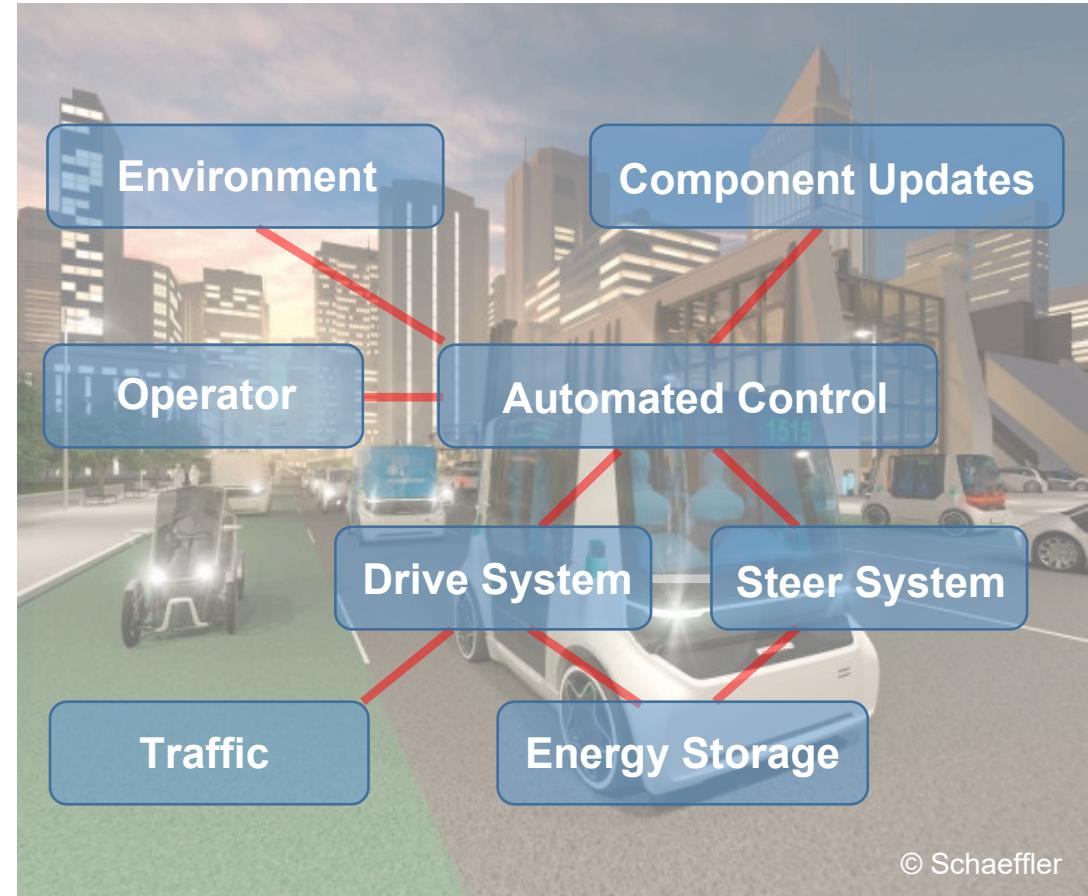


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Motivation and Goals

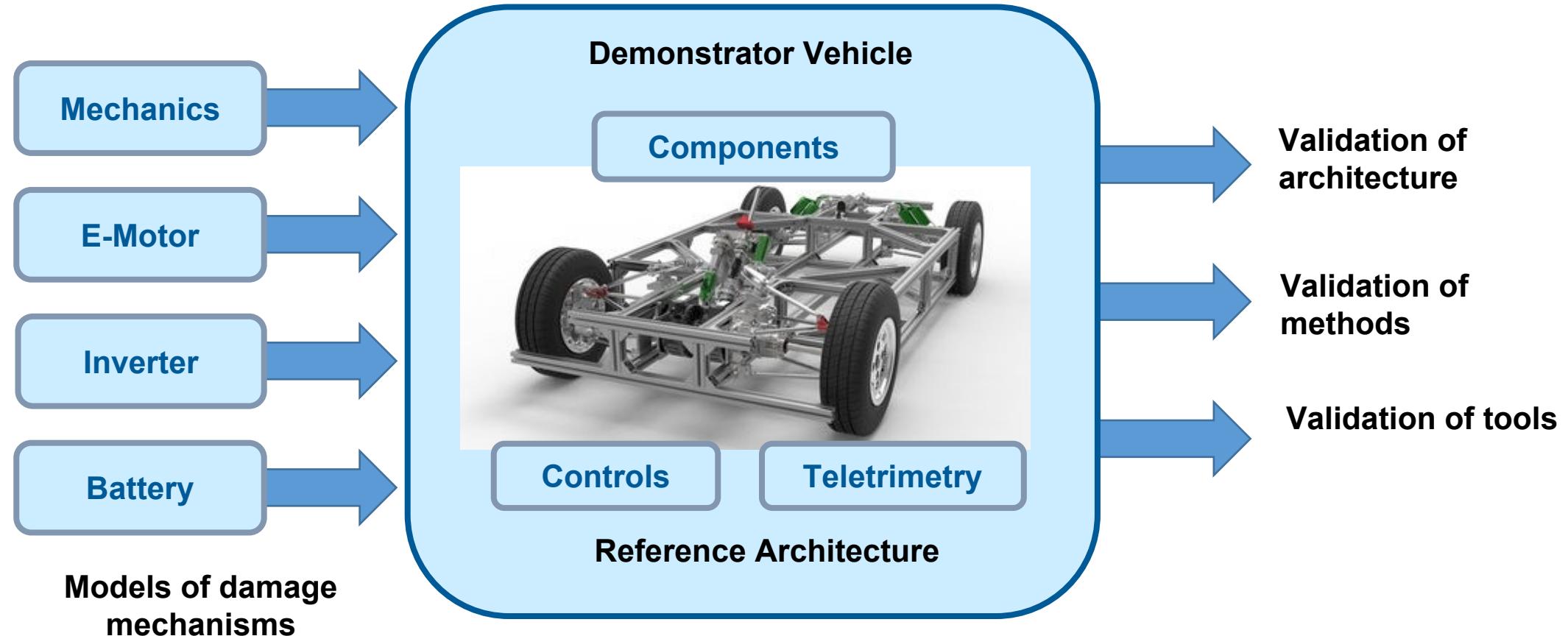
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- Research into new concepts for functionally safe design
- Exploring robust software and system architectures
- Research on new modular and standardisable development methods



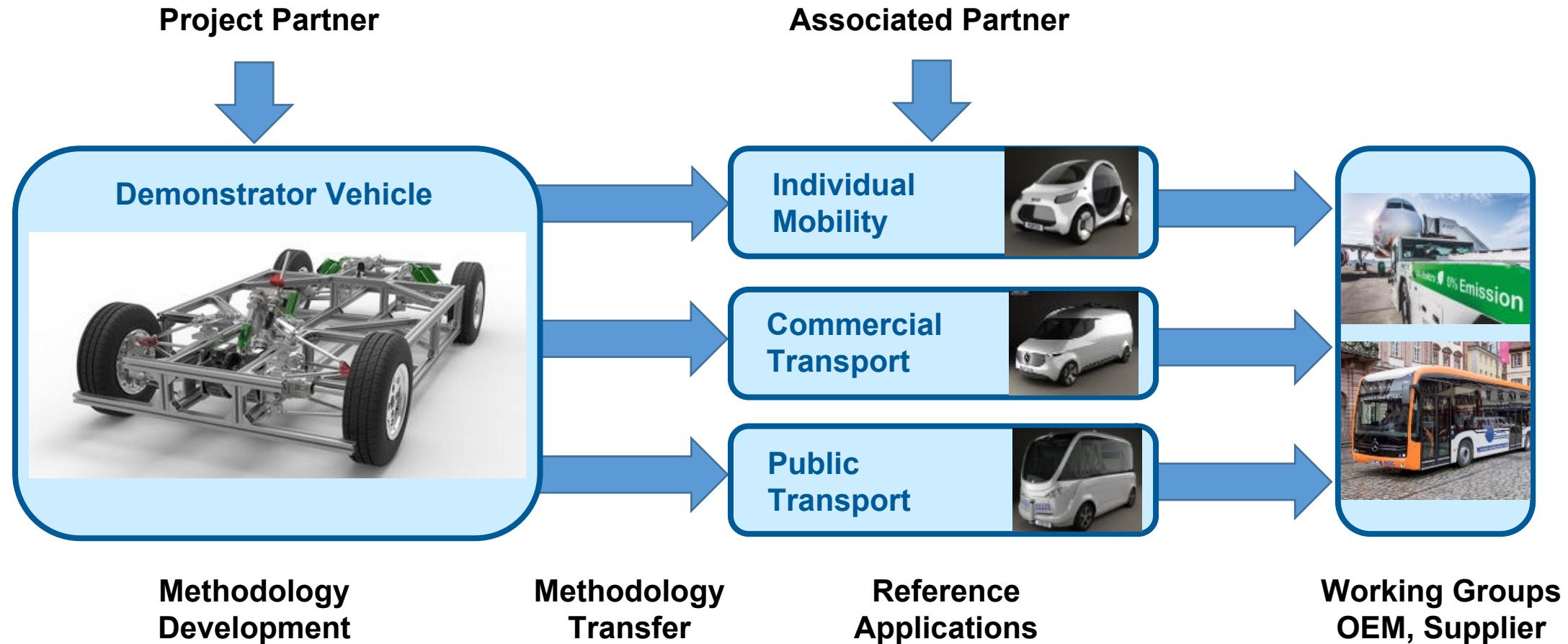
Project Approach Phase 1

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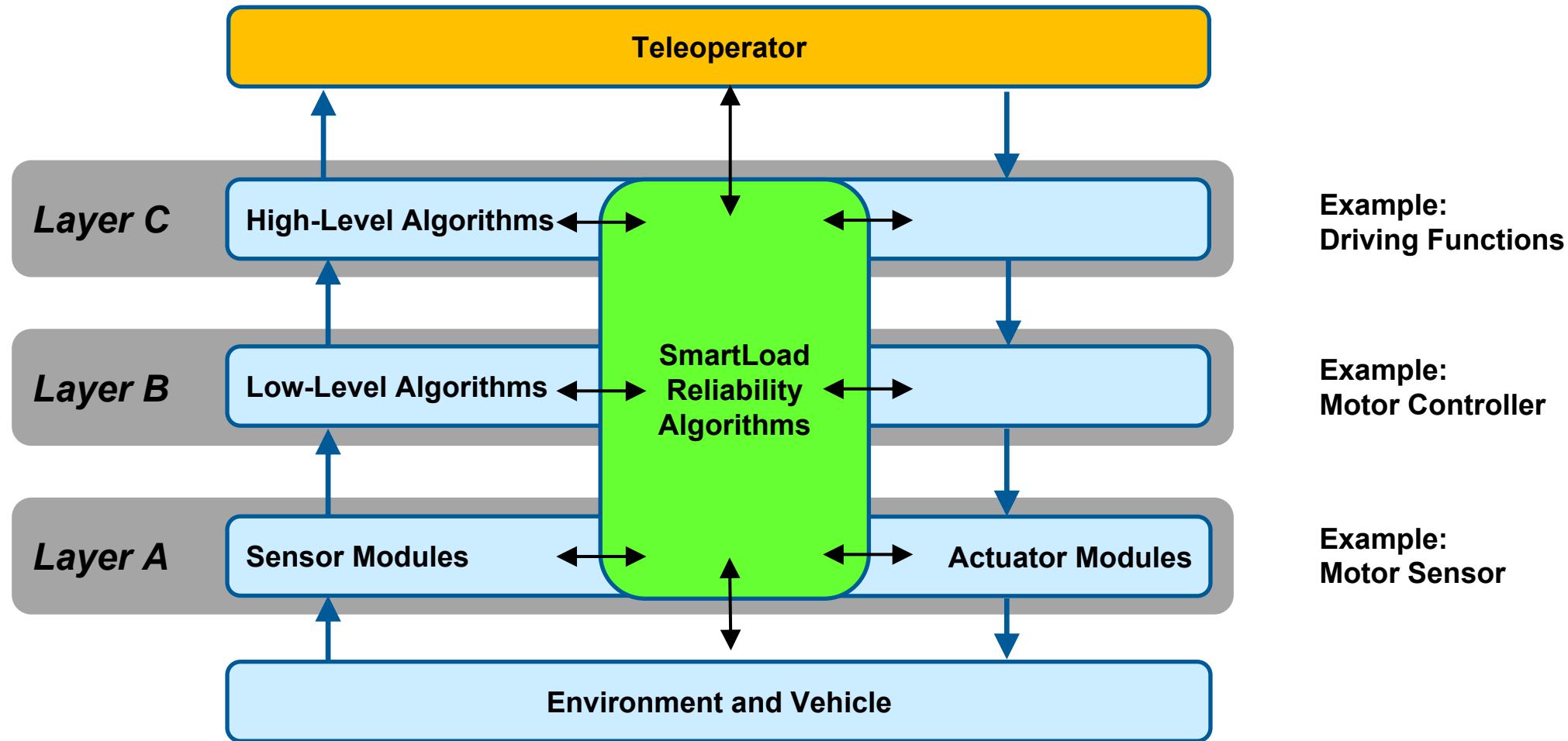
Project Approach Phase 2

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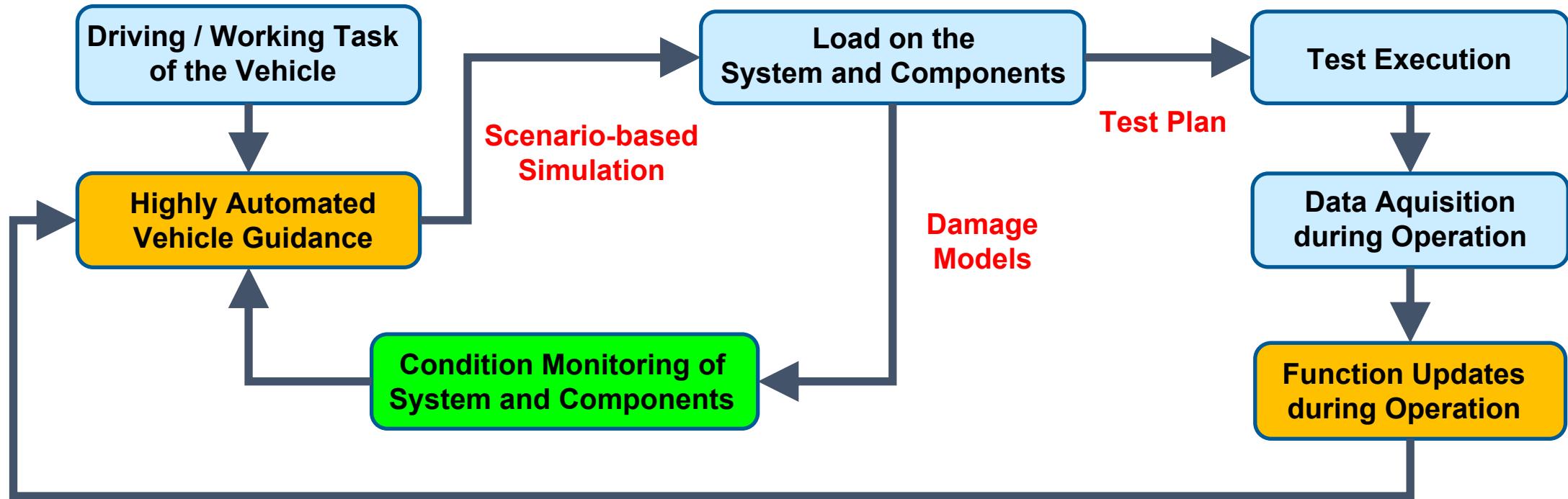
Reference Architecture

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Development Methodology

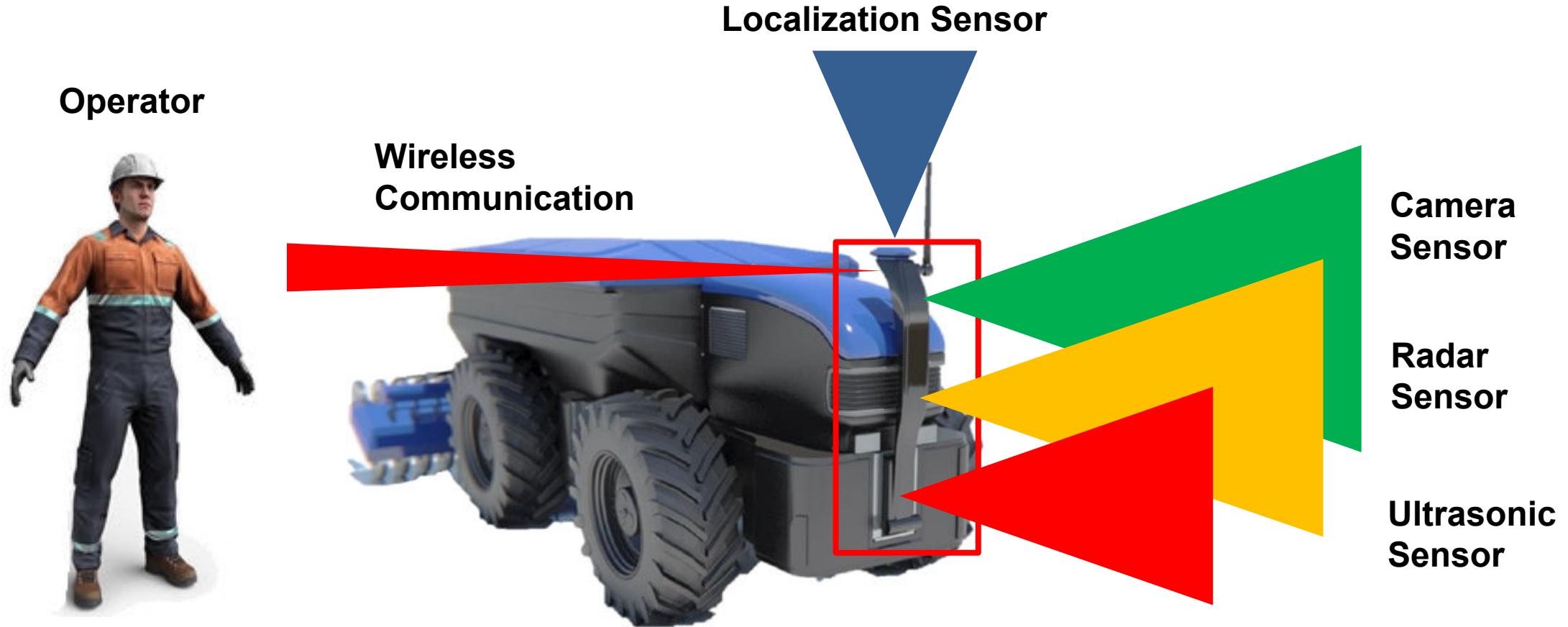
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Reference Applications

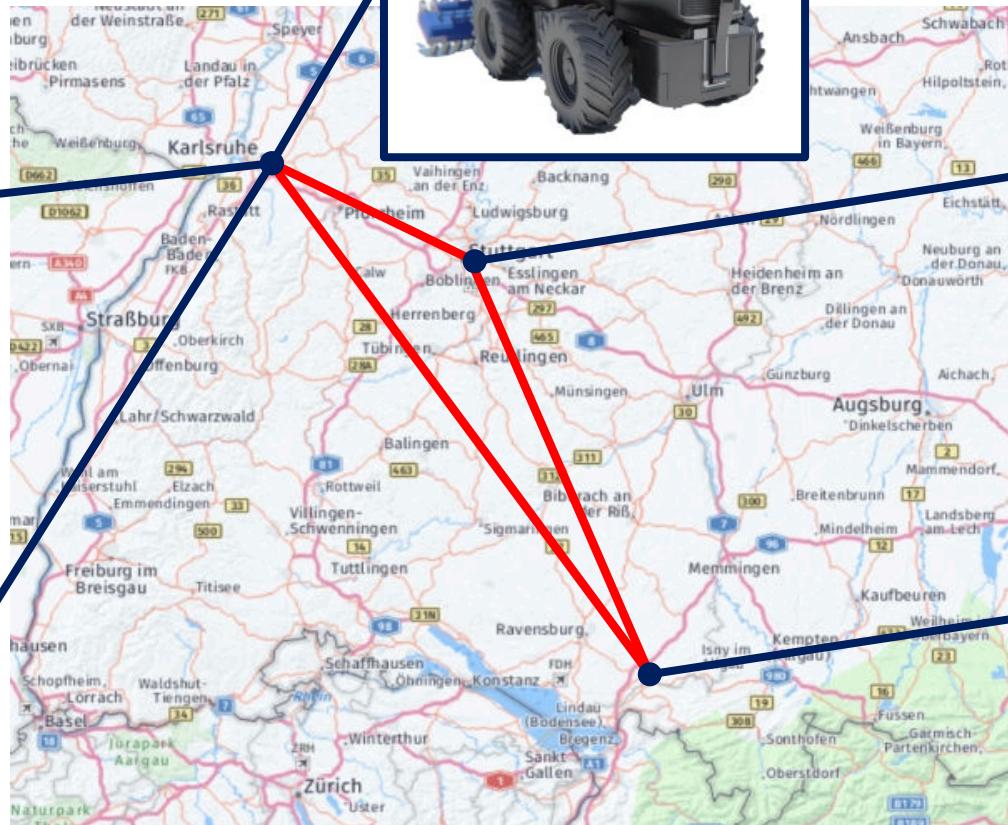
Example Automated E-Tractor

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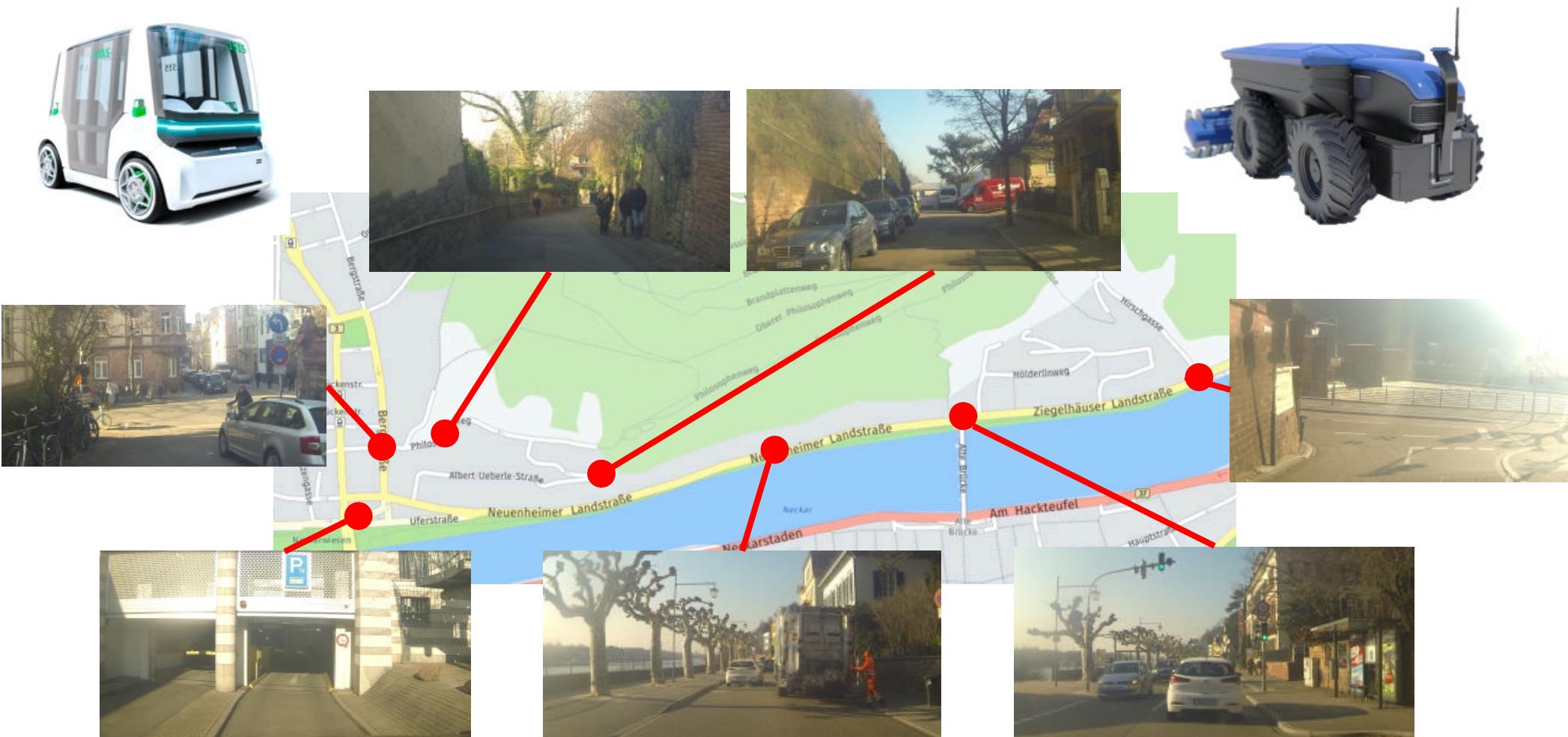
Validation on Connected Test Beds

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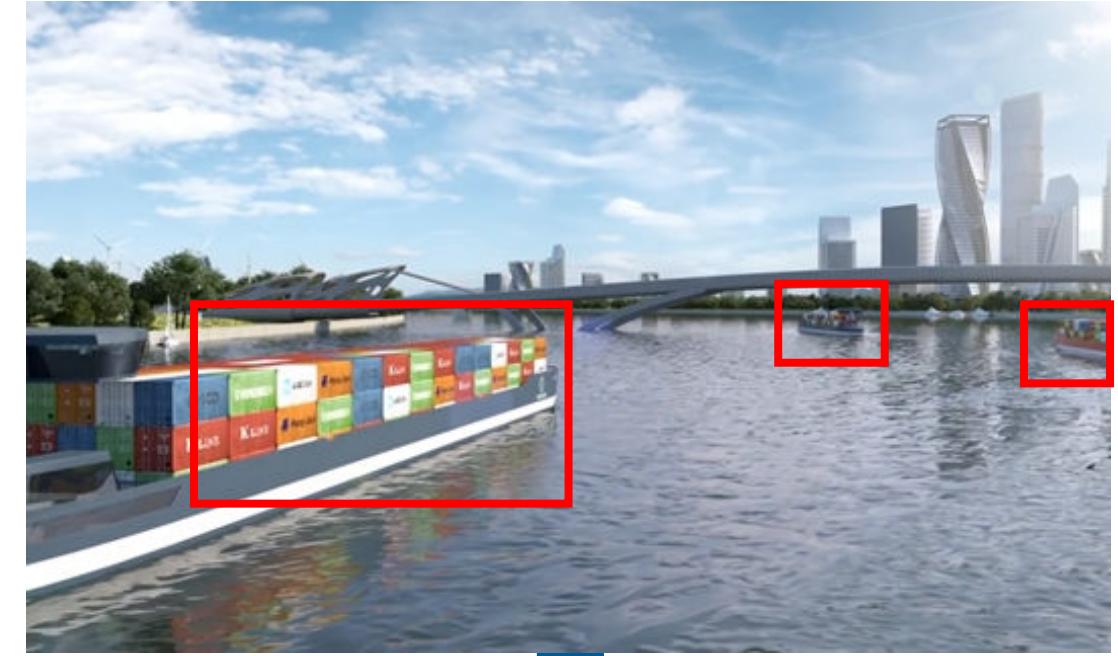
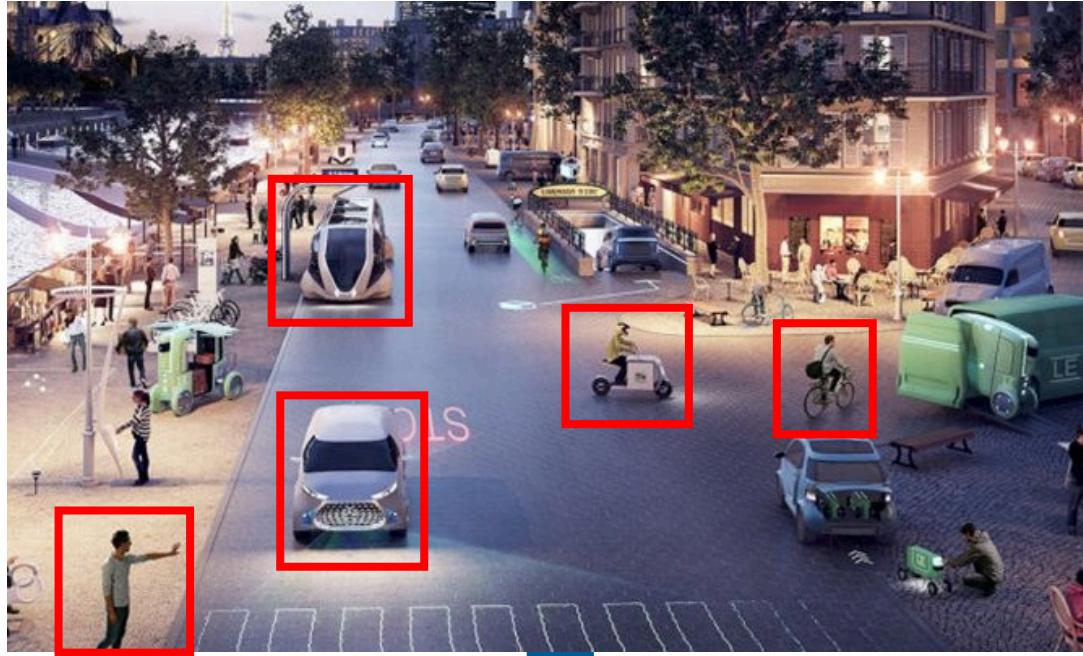
Reference Applications Scenario-Based Validation

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Summary and Outlook

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New Testing Methods and Tools to Ensure Reliability, Safety and Security