The aSR Simulation Framework

Collaborate using Simulation.

Collaboration and teamwork in virtual vehicle development.
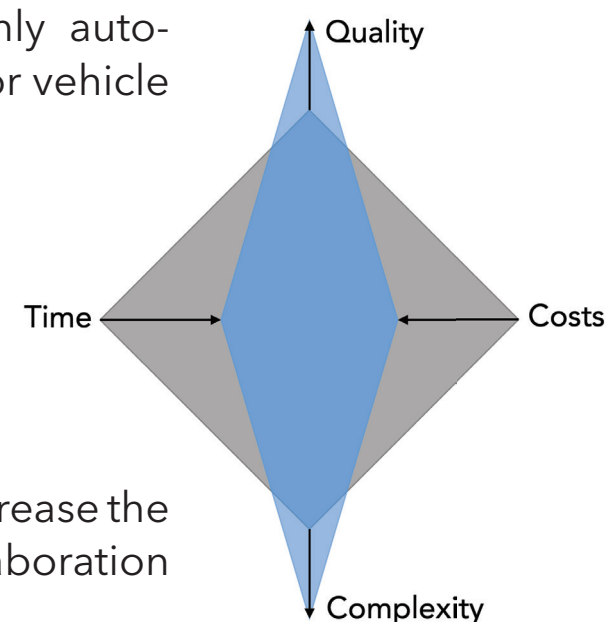## The aSR Simulation Framework.

The challenge

Connectivity, electromobility and highly automated driving create new challenges for vehicle development.

Rising complexity and demand for quality at reduced costs and time, increases pressure on limited development resources.

New digital solutions are required to increase the efficiency through interdisciplinary collaboration and lean development processes.

The solution

The aSR Simulation Framework is an innovative simulation environment for collaborative engineering.

By bringing together developers, suppliers and service providers using a shared virtual vehicle, dynamic collaboration is achieved and processes become more efficient.

The modules

Co-simulation

Platform to integrate simulation models from different areas

✔ Integrate common CAE tools

✔ Combine real and virtual world

aSR Experience

An intuitive interface for the experience of original vehicle functions

✔ Plug&play connect your simulator

✔ Transfer approved virtual vehicles to partners

aSR Online Platform

A cloud-based platform for interdisciplinary collaboration

✔ Cloud database with offline synchronization

✔ Authorization and lifecycle management

✔ Marketplace for simulation data and models

The aSR Simulation Framework.

At a glance.

- Increase efficiency through interdisciplinary teamwork

- Optimize development processes with custom-tailored interfaces

- Centralize your data and model management

- Include suppliers and service providers

- Integrate various driving simulators in an open architecture

- Use consistent data across all development stages

aSR Experience

Plug-and-play interface for driving simulators

Release Q3/2020

aSR Co-Simulation

Platform for vehicle simulation

Release Q4/2020

aSR Online Platform

Centralized data, models and partner management

Release 2021

GET IN TOUCH!

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