HAL4SDV
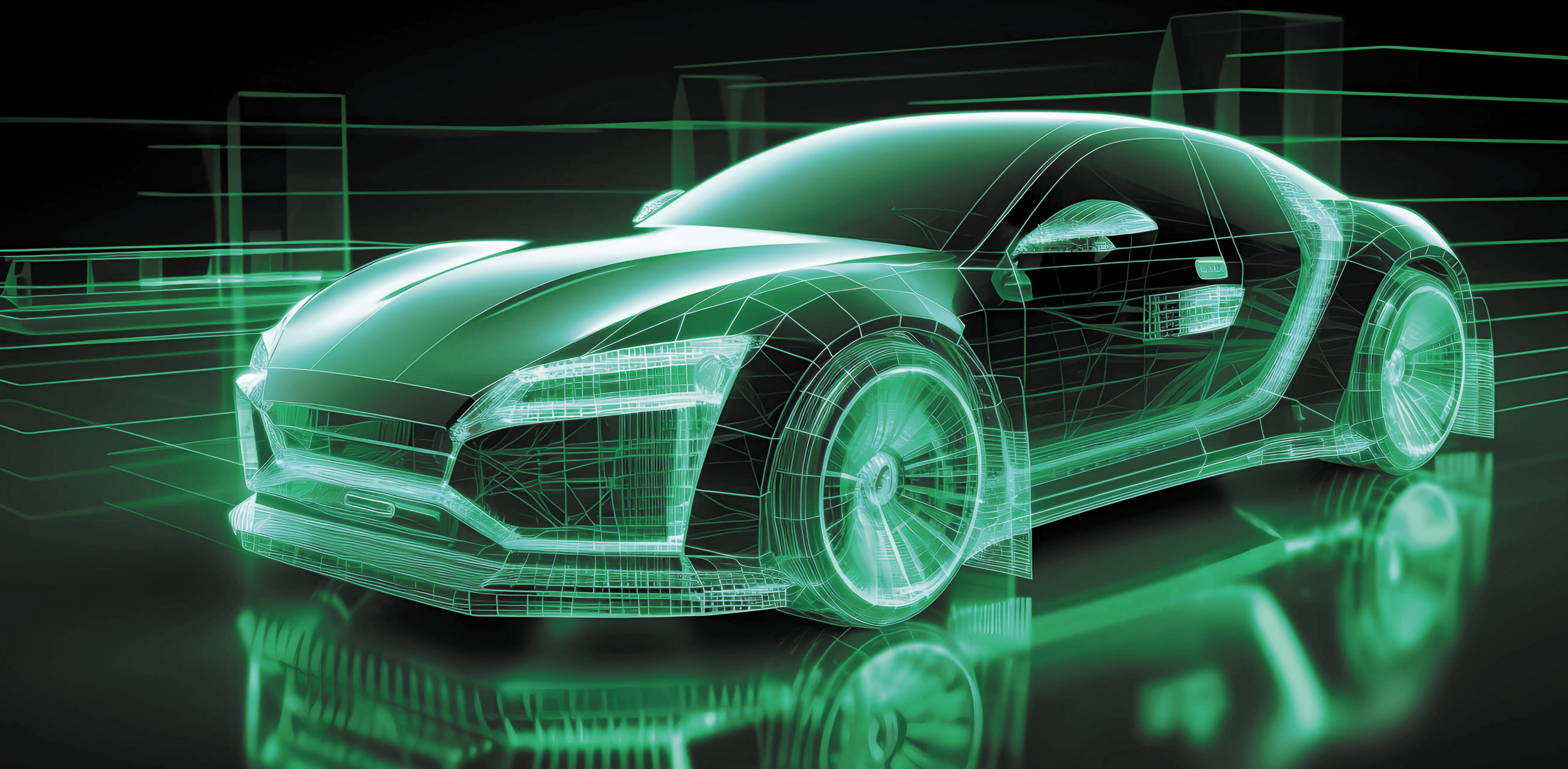## Systems Safety Security Software

HARDWARE ABSTRACTION LAYER FOR A EUROPEAN SOFTWARE DEFINED VEHICLE APPROACH

MISSION:

The mission of the HAL4SDV project is to advance European solutions in software-defined vehicles. By focusing on unifying software interfaces and development methodologies, HAL4SDV will enable software configuration that abstracts from vehicle hardware, paving the way for a software-defined vehicle approach for both safety-critical and non-safety-critical applications in next-generation vehicles.

HAL4SDV is driven by anticipated advancements in microelectronics, communication technology, software engineering, and AI to tackle the "4 Ss: Systems, Safety, Security and Software".

Systems   **Safety**   **Security**   **Software**

Project Coordinator: Andreas Eckel
TTTECH COMPUTERTECHNIK AG
Number of partners: 59
Number of countries: 11
Project start: 01.04.2024
Duration: 36 months
Total budget: € ~64,5M
EU contribution: € ~17,8M

PARTNERS:

TTTech · ttech auto · AVL · BMW · BOSCH · CARIAD · cea list · Continental · CSIC · Critical Software · Dassault Systèmes · DIMECC · ECLIPSE FOUNDATION · Elektrobit · ETAS · FORD OTOSAN · FZI · Infineon · Inria · isep · KIT · UNIVERSITY OF OULU · Mercedes-Benz · NXP · POLITECNICO MILANO 1863 · Politecnico di Torino · RENAULT · RESILTECH · RoviMàtica · StatInf · ST life.augmented · STTech · SYSGO · TESSER EMBEDDED GMBH · TeraGlobus · TRUST IN SOFT · TU/e EINDHOVEN UNIVERSITY OF TECHNOLOGY · TUM · UNIVERSITÉ CÔTE D'AZUR · ALMA MATER STUDIORUM UNIVERSITÀ DI BOLOGNA · UNIKIE · UNIMORE · University of Stuttgart Germany · Valeo · virtual vehicle · VSB TECHNICAL UNIVERSITY OF OSTRAVA · ZF GROUP

ASSOCIATED PARTNERS:

arm · BSC · DLR · Fraunhofer Gesellschaft · FORVIA Inspiring mobility · Technische Universität Berlin · TWT · VDA German Association of the Automotive Industry · VOLVO

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