PSW Company Presentation

_psw identity Who we are

ENGINEERS OF THE AUTOMOTIVE FUTURE

_ In more than 30 years, PSW has developed into one of the leading automotive engineering partners.

Today the company is actively and imaginatively helping to shape the mobility of the future with 1000 specialists based in Ingolstadt and Neckarsulm. We see ourselves as an innovative development partner that develops entire vehicles and systems as well as integrating technologies for its customers.



The foundation of our success is our wide range of services, something which is rarely found in the automotive industry. These services are exactly the expertise necessary to help shape the mobility of the future, ranging from pre-development and simulation to testing and support of vehicle series production. We combine our extensive range of services with efficient project management in a matrix organisation. Thus we are able to offer our customers the complete realisation of projects from a single source.

_ WE BRING

MOBILITY VISIONS

TO LIFE.

enabling

the entire development process

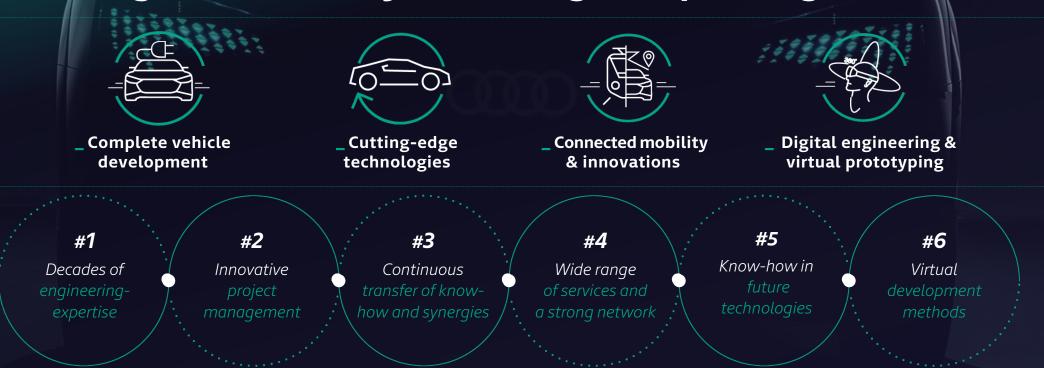
envisioning

in emerging technologies

#3 efficient

in execution





From classical engineering to shaping the future of mobility.

engineeringexpertise

1988

FOUNDED

AS A THREE-MAN COMPANY FOCUSSING ON CLASSICAL ENGINEERING

SERVICES

2016

_ 100%

OWNERSHIP

BY AUDI AG

_ STRATEGIC REORGANISATION

WITH A MATRIX ORGANISATION

2019

_ CERTIFICATION AS GENERAL **VEHICLE DEVELOPER**

RECORD ANNUAL SALES

€130 MILLION

2009

_ AUDI A5 **SPORTBACK**

DERIVATIVE DEVELOPMENT 2018

_ AUDI 08 SUV

OVERALL DERIVATIVE **DEVELOPMENT** 2020

_ AUDI A3

DEVELOPMENT OF SPORTBACK AND LIMOUSINE

MATTHIAS PFISTER

CHAIRMAN OF THE BOARD ENGINEERING

SABINE MOCH

BOARD MEMBER FOR FINANCE, COMPLIANCE AND INTEGRITY **PETER MOSCH**

BOARD MEMBER FOR PERSONNEL, LEGAL AND ORGANIZATION



IN.º 0 8000





Lamborghini

Urus





Audi Al:ME

*Scope of development varies depending on each project

#1_Decades of engineering excellence (3/3) Full power ahead towards achieving the electric future of mobility.

30 years' engineeringexpertise





Da wird selbst Batman neidisch







Autogramm Audi e-tron GT Concept

Der Flachblitz



#2_Innovative project management

We develop mobility solutions in an agile matrix.

project management



FOCUSSING ON OEM CUSTOMER ORGANISATION AND PROCESSES

> **SHORT RESPONSE TIMES** ROUGH STRONG STEERING **COMMITTEES**

CLEAR RESPONSIBILITIES THROUGH RAPID DECISION-MAKING **CHANNELS**

> **MAXIMUM CUSTOMER FOCUS INCREASES DEVELOPMENT EFFICIENCY**

Our agile project management mirrors the vehicle series structure creating efficiencies and freedom for our customers.



#3_Continuous transfer of know-how and synergies We maximise synergies.



range of servics

#4 Our wide range of services

Forward-looking expertise combined with a wide-ranging portfolio.



_ General Development



Alternative Powertrains



_ Integral Safety



_ Smart City



Virtual Engineering



_ Innovation Hub



_ Engineering



Interior User Experience



_ Thermal Management & Aerodynamics



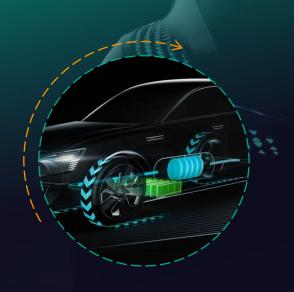
_ Quality, Testing & Validation

automotive future

#5 _ Know-how in future technologies

Our contribution for sustainable, autonomous and connected mobility.

Know-how in future technologies



SUSTAINABILITY

We have the expertise to help develop electric drivetrains, integrate them into vehicles and optimize their range.



AUTONOMOUS MOBILITY

We have expertise in comprehensive safety systems and design of the interior by considering, integrating and testing all functions.



CONNECTIVITY

We program what is conceivable. This enables us to connect vehicles with their environment and ensure a more sustainable flow of traffic.

HMI/infotainment, Car-2-X)



#6 _ Virtual development methods

How our customers benefit from digital vehicle development.

development methods

VIRTUAL TECHNOLOGY **VALIDATION**

PSW tests load cases virtually within a few hours. Using hardware, this takes much longer.

DIGITAL AERODYNAMICS DEVELOPMENT

PSW digitally develops aerodynamics, thus reducing test times with hardware to a few hundred hours.

VIRTUAL REALITY TECHNOLOGY

PSW develops solutions with VR methods, bringing technologies to life and thus facilitating design decisions.



We are all this and much more - PSW.

238

400



YEARS OLD

AVERAGE AGE OF STAFF MEMBERS

OEM CUSTOMER PROJECTS IN COVENTIONAL AND FUTURE

TECHNOLOGY FIELDS

YEARS AVERAGE

PERIOD OF STAFF RETENTION

153

MILLION EUROS TURNOVER
GENERATED LAST YEAR

980



PEOPLE WORK FOR
PSW AT TWO LOCATIONS



NATIONALITIES DEVELOP GLOBAL IDEAS AND SOLUTIONS

3-4

MAJOR PROJECTS IN PARALLEL IN AN AGILE MATRIX ORGANISATION



YEARS OF ENGINEERING EXCELLENCE.



_ Making tomorrow possible.

We look forward to shaping the mobility of the future with you!