Car Repair

AI to disrupt the Body Repair Industry

Challenge Introduction

The journey stakeholders in the body repair industry go through is time consuming, broad and in almost all cases totally in-efficient. In addition, the industry is not very adaptive to new technology though the level of entrepreneurship is high, so the chance to change is high. The margins are under pressure where supply in the market is at its peak. Qualitative staff is hard to find but urgency to improve and disrupt this journey is important. *The perfect storm for engineering, design, science and environment to come together!*
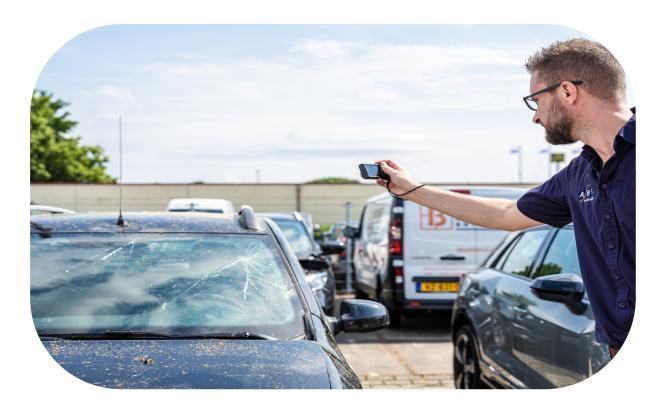
Who is behind this initiative?

ABS Autoherstel BV in Bodegraven is the national Service Center for its leading body- and car repair network with 80+ branches in the Netherlands. We are a cooperative network ‚owned' by the members of the network itself.

The role of the Service Center is to facilitate contacts and negotiations with corporate and national clients (such as leasing companies, rental companies, insurance- and expertise companies), fleet owners and the supply chain in our industry. Our aim is to arrange the best conditions for entrepreneurs to obtain the maximum return on our core product, body- and damage-repair of (fleet) vehicles. In addition, the Service Center is responsible for the quality control of its network and branches and the branding of our franchise in the automotive industry.

In working on this challenge you will be supported by **Martijn ten Broeke** and his colleagues at ABS. Martijn is the Innovation Manager for ABS's head office.

How does this challenge enhance connections?

Using new technologies to enhance the connection between demand and supply to enable a more effective value chain for sustainable futures.

There is no one-solution in our industry yet to enhance this process, but we see new technology is around the corner. For now, this technology is picking up on solutions like photo-detection, picture-recognition or machine learning algorithms for planning purposes. Yet, these (small) solutions are interesting and help improve a lot, but do not serve the greater goal to significantly change or disrupt the process at hand. Reduce time for everyone and improve on cost.

We believe Artificial Intelligence can help drive down cost, enhance on user- experience and change an industry.

People

Nature

Technology

EuroTeQ Engineering University