

Project abstract

Title: Pilot study for improved traffic safety for emergency vehicles using EVAM Transmit technology

Objective

The project aims to clearly investigate and evaluate the value chain and effects of EVAM Transmit to improve road safety for emergency vehicles.

Abstract

Europe's roads are the safest in the world, but 26,000 people still died in road traffic accidents in 2015, costing society of at least €100B or 1% of GDP, and progress towards the EU goal of halving fatalities by 2020 is slowing. The professionals tasked with improving roads and responding to accidents are amongst the most at risk in traffic. Improving road safety must include improving the safety of the professionals working on the roads.

H&E Solutions developed the EVAM Transmit - a digital communication system. The device alert drivers via radio interruption (like traffic announcements) – reaching over 75% of drivers. The solution continuously optimises radio transmission to road conditions, minimising disturbance by only warning the vehicles most immediately concerned.

EVAM Transmit improves access for priority vehicles such as ambulances – saving precious seconds from response times. It also greatly improves driver awareness of static hazards, such as accident sites, protecting personnel on site and reducing the risk of accident. EVAM will contribute to continued European leadership in road safety, and ultimately save lives.

The project aims to clearly investigate and evaluate the value chain and effects of EVAM Transmit to improve road safety for emergency vehicles. The project will be conducted as a major pilot study, evaluating the entire value chain from manufacturer to customer. If successful EVAM Transmit has the opportunity to save many lives, giving rise to significant economical savings and improve the working environment for emergency services.

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