



Borderless research to save lives – a dinner event on how Vision zero can be addressed by collaboration

To help prepare your participation in the event, please find below a summary about the expertise available at the exhibition and what kind of knowledge we will share. Our aim is to give you a deeper understanding on some of the key mechanisms behind how to improve traffic safety through a successful collaboration model between society, industry, academia and research organisations. Welcome!

Road user behaviour

We need to understand the human in depth in order to find sustainable traffic safety solutions. How do people behave in traffic and how can we support them to act safer? Taking a deep approach in human behaviour, this research area is about creating prerequisites for safe driving. Our experts will present the latest knowledge in this area, e.g. how the Nobel prize theory about nudging can be used in traffic safety and how we can secure safe mobility for people at all ages. We also discuss how we can help secure a safe introduction of new mobility forms, like e-scooters, and the City of Gothenburg presents a broad range of cost-efficient safety measures that have helped reduced the number of accidents in the city.

Care and Rescue

What actions after a traffic accident are the most efficient in reducing mortality and injury severity? The care during the first hour after an accident is critical to save lives. This research area addresses challenges for all road users related to what happens after a traffic accident is a fact. Covering a cross-disciplinary research approach, care & rescue focuses on improved incident detection and assessment, improved on-scene care and rescue and reducing secondary long-term effects of traffic accidents.

Accident prevention and automated driving

Meet our experts and discuss how automation and various kinds of preventative safety systems can help save lives. Which are the research challenges ahead and how can self-driving cars be implemented in a safe way; what are the needed to guarantee safety of both vulnerable road users and passengers? A bicycle, fully equipped with safety technology, and a self-driving car will also be presented in this station.

Safety performance evaluation and data collection

Understanding the real-world traffic and why crashes occur are the bases to move on to a more safe and sustainable transport system. How do we develop the best methods for predicting and assessing real-world vehicle and traffic safety? Our experts will share knowledge about how to build up a systematic approach, collect data and analyse traffic accidents. Also, representatives from the Swedish Transport agency will demonstrate our National registry of road traffic crashes and injuries (STRADA database)– a useful base for research and continues traffic safety improvements.



Human body protection

How do we best protect people in a crash? Driven by current human body protection needs and future challenges in the area of sustainable transportation systems, our research comprises a wide range of subjects. We will present how children in different ages should travel in cars and why rearward facing child seats are the safest. Sweden's National Society for Road Safety will present successful ways to reach out with traffic safety information to the public. Meet our crash test dummies and learn more about in-vehicle protection and discuss the gender-perspective; e.g. are men more protected than women?

Policy, regulations and future research needs

Are you interested in these matters? Most welcome to join our experts from the Swedish transport agency, research institutes and automotive industry to discuss. Some examples of matters you can address: A safe system for all, what does that mean and who needs to be involved? Global harmonization or specific solutions for regions/countries? New mobility patterns, how does that influence safety? Automation, the solution to everything or creating new problems? Feel free to ask!

Vision Zero

The vision that no one should be killed in the Swedish transport system was set in 2007. Let's learn about the strategy behind this bold statement and how the Swedish actors have been able to successfully work together towards a common target to save lives and reduce injuries in traffic.

International collaborations

SAFER may be based in Sweden but has a truly global mindset. Our international commitment is wide, with vital partnerships with universities and traffic safety research communities all over the world. And by initiating and participating in global collaborative research structures, we strongly influence the political traffic safety agenda and contribute to the development of sustainable, safe mobility – in Sweden, and elsewhere. We work with collaborations in e.g. Africa, China and India. We are happy to share our experiences and best practices to set up successful collaborations and how to share knowledge between countries.

UN Sustainability targets

Road safety issues, their consequences and possible solutions, are included in the 2030 Agenda and are closely linked to other sustainability challenges, such as climate change, health, equality, poverty and human rights. For this reason, we can increase our success if we include themes that relate to several aspects of sustainability, all of which contribute to reducing the number of road traffic fatalities. Find out more about how traffic safety can address the global UN sustainability targets together with our researchers.

You can find more information about our research at www.saferresearch.com



The following SAFER partners are present at the knowledge sharing dinner:

- Aptiv
- AstaZero
- Autoliv Development
- BETA CAE
- CEVT (China Euro Vehicle Technology)
- Chalmers University of Technology
- City of Gothenburg
- Combitech
- Folksam
- Halmstad University
- If Insurance
- Malmeken
- RISE (Research Institutes of Sweden)
- Swedish National Road and Transport Research Institute (VTI)
- Sweden's National Society for Road Safety (NTF)
- Swedish Transport Administration
- Swedish Transport Agency
- University of Skövde
- Veoneer
- Volvo Car Corporation
- Volvo Group