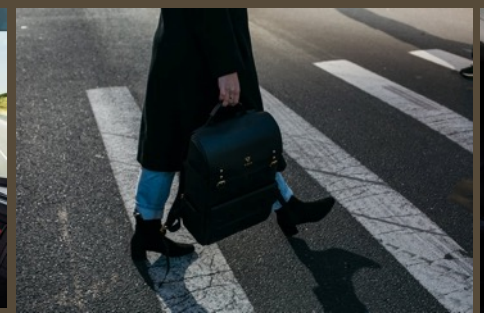
Let’s save lives together!



VISION AND MISSION

OUR SAFER PARTNERS IN STAGE V

Together for safe mobility.

Society

- *City of Gothenburg*
- *NTF Väst*
- Swedish Transport Administration
- *Swedish Transport Agency*
- Region Västra Götaland - *financier*

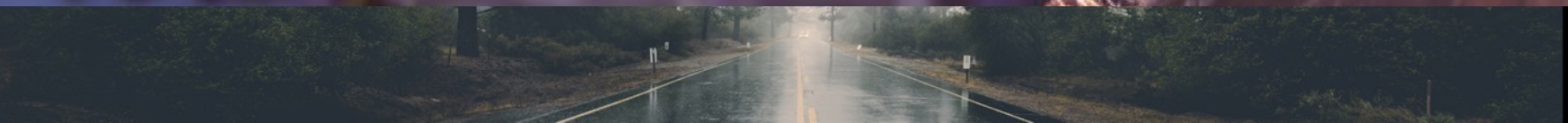
Academy & Institutes

- *AstaZero*
- Chalmers University of Technology
- Halmstad University
- Institute of Transport Economics (TØI)
- *Jönköping University*
- RISE (Research Institutes of Sweden)
- Swedish National Road and Transport Research Institute (VTI)
- University of Gothenburg
- *University of Borås*
- University of Skövde

Industry

- *Aptiv*
- Autoliv Development
- BETA CAE
- CEVT
- Combitech
- *Cycleurope*
- Folksam
- *HiMinds*
- If Insurance
- Scania
- Volvo Car Corporation
- Volvo Group
- *Malmeken*
- Mediamobile / V-Traffic
- *Smart Eye*
- *Svanberg & Svanberg*
- *Trivector*
- *Zenuity*
- Veoneer
- *ÅF*

Italics: members / associated partners



SAFER
VEHICLE AND TRAFFIC SAFETY CENTRE AT CHALMERS

OUR RESEARCH AREAS AND DIRECTORS

Dedicated to save lives, prevent injuries and enable safe mobility

SYSTEMS FOR ACCIDENT PREVENTION AND AUTOMATED DRIVING

FREDRIK SANDBLOM
VOLVO GROUP

ROAD USER BEHAVIOUR

AZRA HABIBOVIC
RISE

HUMAN BODY PROTECTION

LOTTA JAKOBSSON
VOLVO CARS

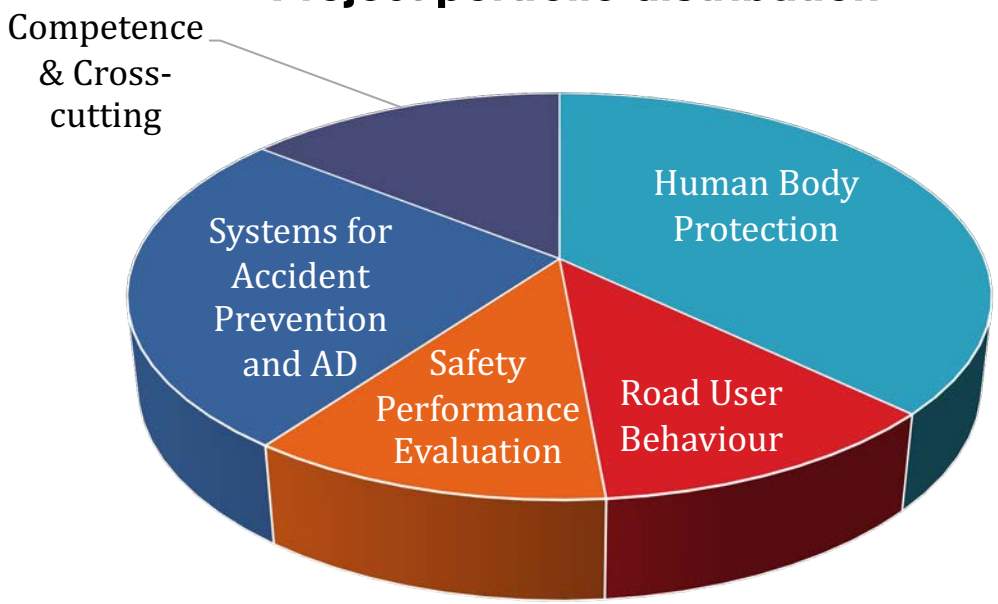
SAFETY PERFORMANCE EVALUATION

TORBJÖRN ANDERSSON
AUTOLIV

RESEARCH PROJECT PORTFOLIO

We have around 40 projects in our project portfolio at the moment

Project portfolio distribution



Some high profile projects:

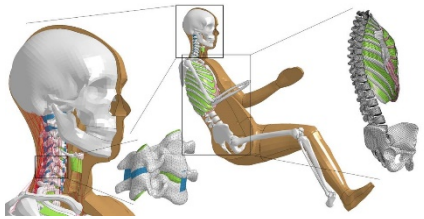
ESPLANADE

MeBeSafe

DRAMA

OSCCAR
FUTURE OCCUPANT SAFETY FOR CRASHES IN CARS

ENSEMBLE



A-HBM-projects

FLAGSHIPS – WHY?

- Showcases and future success stories.
- Projects and clusters of projects that:
  - Drive towards SAFER's vision, providing early access to research needed by the partners.
  - Show the strength and uniqueness of the SAFER platform.
  - Would have been difficult to run elsewhere.
  - Address one or several challenges related to "Safe transport from door to door".

THREE COMPLEMENTARY AREAS

Road User Capability Assessment

- Goal: Define, predict and measure road user capability (in a certain environment) to increase safety.

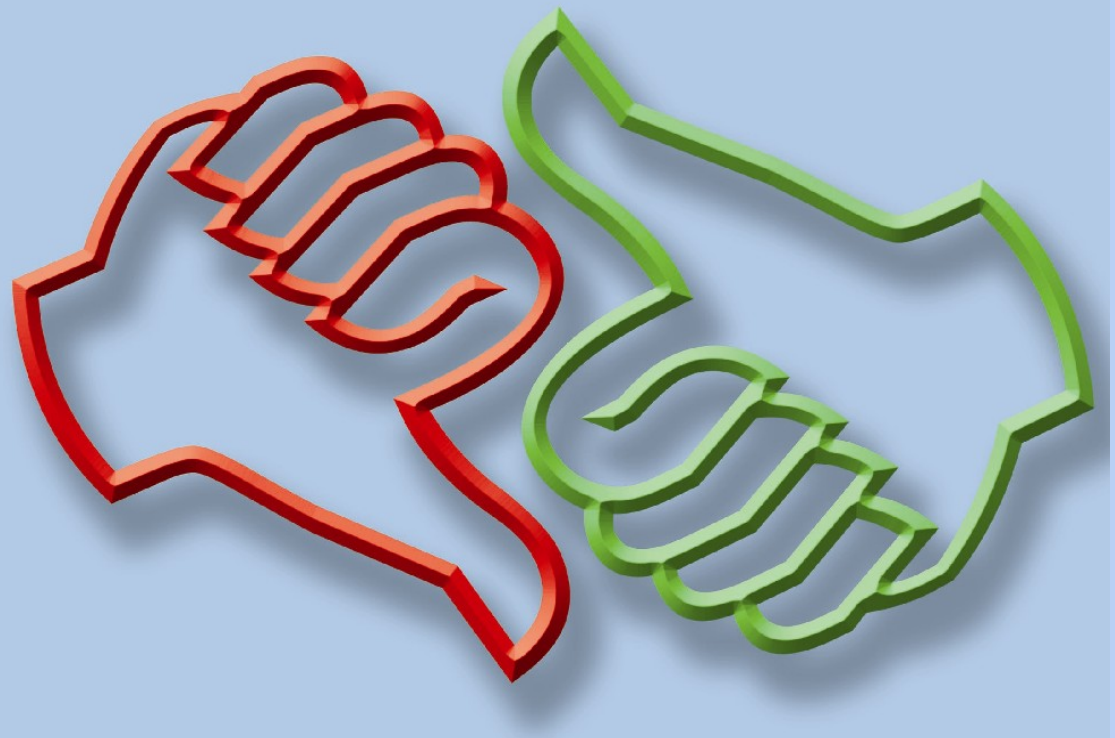
Virtual Human Safety Models

- Goal: Taking the human into development processes and visualisation in order to create a safe journey from door to door for all individuals.

Safe Automated Mobility

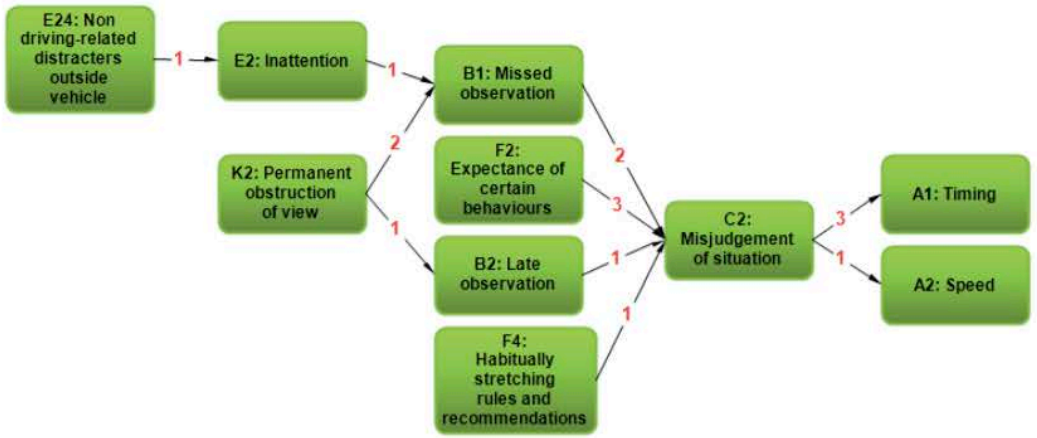
- Goal: Traffic safety beyond the human capability for all users in the future traffic environment.

COMPLAINTS
COMMENTS
COMPLIMENTS



THE SAFER PUBLICATION LIBRARY

Visit us on www.saferresearch.com and enhance your insights in safe mobility research!

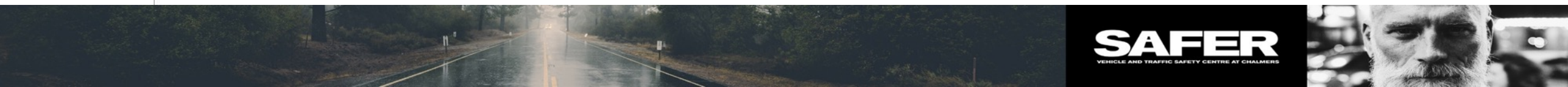


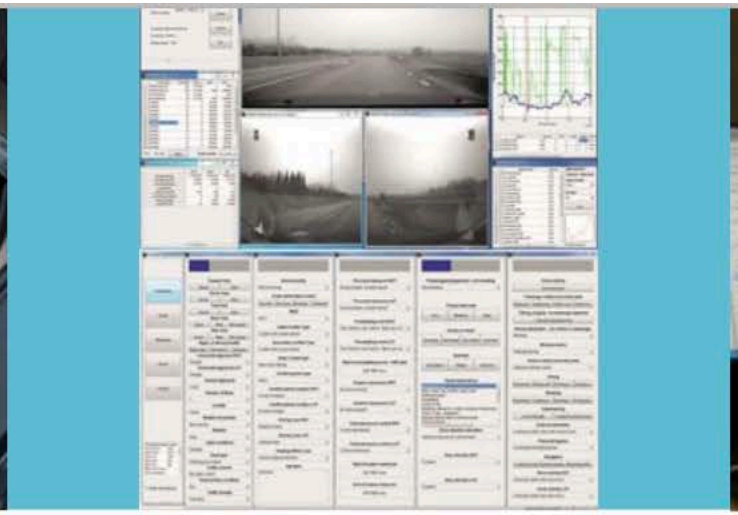
SAFER SUCCESS STORY: Field data analysis platform

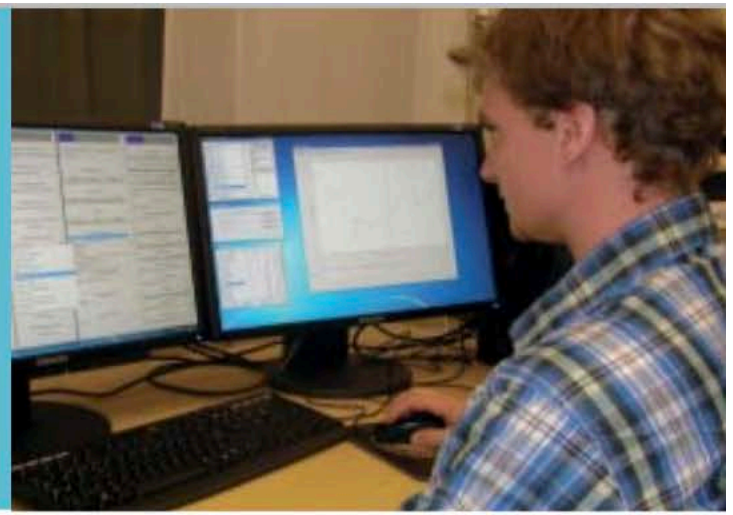
"The analytical work at SAFER has provided Volvo Cars with useful tools to accurately evaluate the effectiveness of rear-end crash avoidance systems and also for comparing the crashworthiness of European and US car fleets."

Anders Eugensson
Director, Government Affairs
Volvo Car Corporation

- Newly developed assessment method for active safety system testing
- Built world-class infrastructure for accident data collection
- Provided input for policy decisions, e.g. negotiations concerning the Transatlantic Trade and Investment Partnership (TTIP)
- Hub for the Initiative for the Global Harmonisation of Accident Data (IGLAD).
- Among world leaders in accident analysis







SAFER SUCCESS STORY: Naturalistic data platform

"SAFERs platform for naturalistic driving data is used in our global projects in Sweden, US and China. The platform plays an important role when analysing and understanding driver behaviour, and is used in the development of our active safety systems."

John-Fredrik Grönvall, Senior Research Manager, Field data
Volvo Car Corporation

- Common world class infrastructure for naturalistic data (ND) collection, secure data storage and analysis
- SAFER chosen as Central Data Centre in the largest ND study in Europe
- Cross-Atlantic Connected Analysis Centres with remote access developed and tested at SAFER and UMTRI
- The platform almost self-financed through projects since the start
- Data Protection Concept developed for all stages in data handling
- Tools for collection of naturalistic data from vulnerable road users (pedestrians and bicyclists)

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VEHICLE AND TRAFFIC SAFETY CENTRE AT CHALMERS