



EUCAR

EUROPEAN COUNCIL FOR AUTOMOTIVE R&D

AIDE
Final Workshop and
Exhibition, 15 – 16 April

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EUCAR Members: 12 Major European Automobile Manufacturers



EUCAR Mission

Strengthen the Competitiveness of the European Automobile Manufacturers through Strategic Collaborative R&D

This will be done by:

1. Identifying, formulating and prioritising the common R&D needs.
2. Interacting with the European Commission, national bodies and other key stakeholders in order to represent, promote and communicate these common R&D needs.
3. Initiating, supporting and monitoring impact studies, R&D projects and programmes.

Major Challenges for the Automotive Industry and Road Transport

1. Energy, Environment

- Energy consumption
- Availability of oil, gas and alternative fuels
- Environmental impact of CO₂, air pollutants, noise emissions



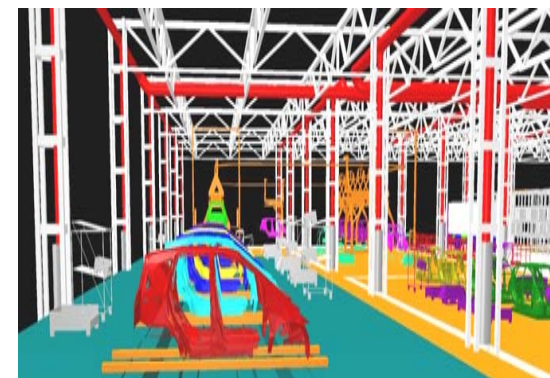
2. Safety, Mobility and Transport

- Safety and traffic congestion
- Efficiency of the road network in Europe



3. Competitiveness of the European industry

- Products
- Materials
- Processing
- Manufacturing



EUCAR initiated Integrated Safety R&D Program



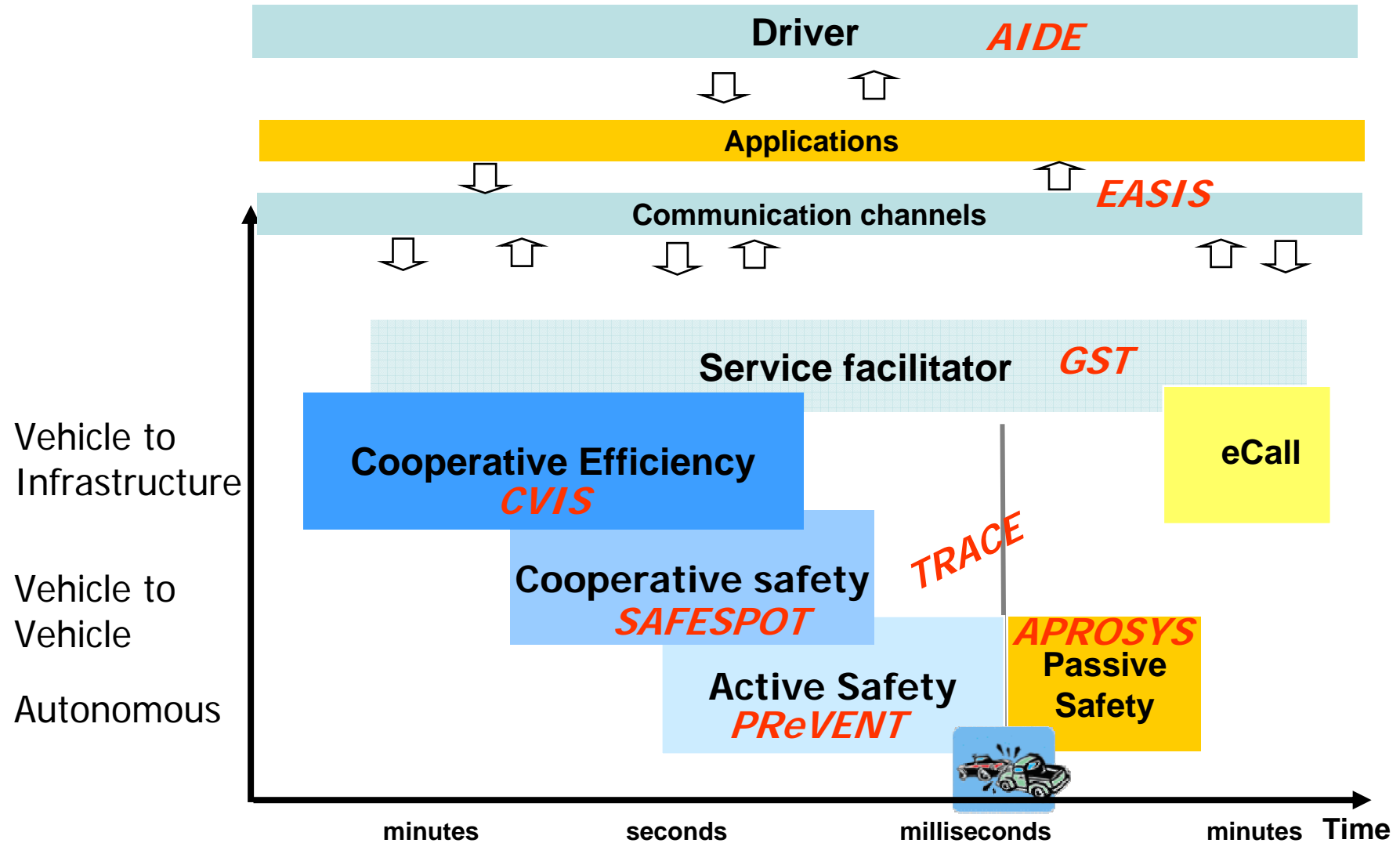
Scope:

Analysis, measures and systems for complete and integrated safety of the road users.

In particular:

- ❑ Accidentology to identify and evaluate relevant and efficient safety measures
- ❑ Driver-vehicle-infrastructure interaction, design of HMI systems
- ❑ Real time sensing and monitoring, active safety systems
- ❑ Infrastructure information and support systems
- ❑ Enhanced and novel protection systems
- ❑ Emergency and rescue systems
- ❑ Vehicle architecture and standards for commercial implementation of safety systems.

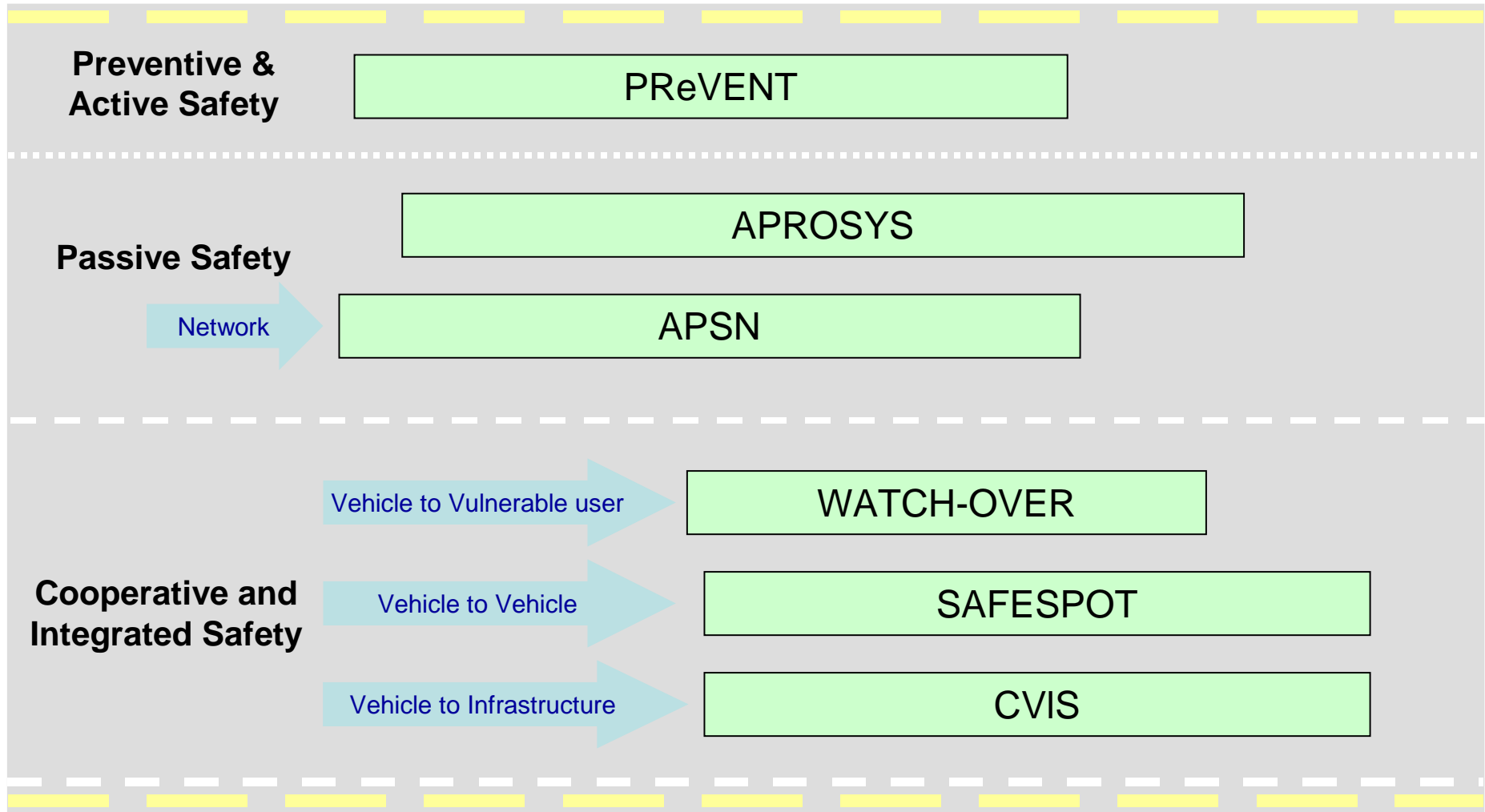
Integrated Safety: Map of R&D Areas





**End of Presentation.
Thank you for your kind attention!**

Preventive & Active Safety, Passive Safety, Integrated Safety



System Engineering, Human-Machine interface, Telematics, Accidentology and Mobility

