The Cause of Road Accidents and the Technology to Avoid Them

Mr. Maarten Van Gelderen

Product Manager, Volvo Group Trucks Sales & Marketing APAC

Email: maarten.van.gelderen@volvo.com

Abstracts

Thailand is one of the countries with the most road traffic deaths. The highest number of accidents happens with motorcycles followed by cars and pick-ups. The number of accidents can be reduced by avoiding speeding and drunk driving. And in case of accidents injuries for drivers and passengers can be reduced by wearing helmets or safety belts, but there are much more systems available to avoid accidents or to reduce the injuries in case of an accident. Some technologies are already known from luxury passenger cars.

What about trucks? Although the number of accidents with trucks is much smaller, the consequences of accidents with trucks can be big due to the weight and the dimensions of the vehicles or the load they are carrying. Some of the major accident causes for trucks are speeding, driving too close to leading vehicle or falling asleep at the wheel. Many companies are instructing their drivers, but there are also technologies that can prevent these accidents. New technologies enable trucks to warn the drivers for obstacles, to support them to keep the lane or even to break the truck automatically. We'll show you which systems are available and how these systems are working.

Biography

Maarten van Gelderen (39) is Product Manager at Volvo Group Trucks Sales & Marketing APAC. After his education Bachelor of Engineering in Automotive Engineering he has done a Business Administration for Engineers. He has had several positions within Volvo Trucks over the past 17 years in The Netherlands, Belgium, Sweden and Thailand.

Mr. van Gelderen has been working in several engineering positions for the European markets covering product trainings, market research, homologation and special vehicles. He has many years of experience within Product Management and the Product Development for Europe and Asia. His traveling in over 50 countries has given him knowledge about transport all over the world in many different applications.

Over the years he has been giving both theoretical and practical trainings for truck drivers, decision makers and others to improve the safety and to reduce the operating costs in transport. He's training the drivers how to use the truck in the most efficient way using all features the latest technology has to offer. The driver feedback is being used for future product development.