Safety ↑ Quality ↑ Costs ↓

Road safety programmes
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The German Road Safety Council (Deutscher Verkehrssicherheitsrat, DVR) was founded in 1969 as a non-profit organisation. Its mission is to support safety-enhancing activities that benefit all road users. It embraces relevant areas of transport engineering, education, information, legislation, as well as traffic enforcement. DVR co-ordinates the road safety activities of its members; it creates programmes and oversees their quality by continually updating them in the light of changing requirements and cutting-edge research.

Affiliated members of DVR include all transport ministries both at state and federal levels, accident insurance organisations, voluntary road safety organisations, automobile clubs, car manufacturers, insurance companies, employer associations and trade unions, churches and other institutions and organisations.

Experts from member organisations, aided by technical committees, develop DVR safety programmes for target groups such as professional drivers.

Several of DVR’s members carry out the programmes onsite. These, as a rule, are the organisations which possess the structures and sufficient staff, both payroll and voluntary, to deliver staff-intensive safety training activities on a nation-wide scale all over Germany.
Road traffic is a complex system governed by an intricate network of regulatory and environmental factors, vehicles, road infrastructure and technology as well as by the behavior of the individuals involved. While many system components are undergoing continuous improvement, such as active and passive on-board safety equipment, the human factor has always been and is likely to remain the weakest link in the chain.

This is why the road safety programmes of DVR and its members are focused on people, and on conveying to all road users the idea of partnership and greater personal responsibility.

Philosophy and Objectives of our Safety Programmes

Companies can use DVR driver safety and fleet programmes not only to reduce or avoid work-related accidents. Beyond prevention, by improving physical working environments, providing enhanced technology and encouraging safe behaviour among their employees, companies can effectively increase their productivity, improve the quality of work processes, boost motivation, and enhance their hard-won reputation and overall business success.

The laws of physics at work: Many situations are almost uncontrollable even with the best driving technique.
Recognize a hazard early
Road accidents are usually preceded by a series of difficult and complex events. Many “experts” therefore believe that tricky situations should be studied and rehearsed in detail to make them controllable to drivers. What they forget is that there is usually very little room within which a hazardous situation can be mastered. Human response times and the kinetics of driving constitute two very limiting factors, and even with the most advanced vehicle technology on board, it is impossible to go beyond these limits without suffering severe consequences.

Hence, the objective of all our safety programmes is to improve drivers’ attitudes and behaviours, helping them to anticipate a hazard early and avoid getting into it.

DVR safety programmes are not car control courses that teach drivers fancy tricks for tough situations. Instead, by taking part in the discussions and practical training units, drivers realise how unpredictably a risky situation can occur, and how little chance there is in live traffic to stay in full control.

A competent and safe driver is one who avoids getting into a risky situation in the first place. This is why drivers who take part in a DVR safety programme learn to identify a hazard in a timely manner and avoid it.

The quality of safety programmes depends on the capabilities of each individual instructor or trainer. This is why DVR and the organisations implementing the programmes attach special importance to the selection, training, further qualification, monitoring and support for all of their trainers. At the end of their qualification all instructors are required to pass an exam held by an independent board. This is to ensure that courses are only run by well-trained staff who regularly upgrade their qualification. The process of qualification and training of instructors is regularly supervised by an independent body in accordance with ISO 9001.
Some company managers consider health and safety a necessary evil involving extra work. Some feel that “there is not much to be gained here”.

Innovative companies take a more pro-active approach to road risk management. The economic pressures which have forced companies in all sectors into major reorganisation have also transformed corporate philosophies. The most important change is that production and other business processes are no longer divided into separate sequences but are seen as integrated entities. Occupational health and safety as well as road safety have become an essential part of corporate cultures. Every day, employees drive a vast number of kilometres in long and short haul goods transport, on coaches, in urban bus services, out on company business, within company premises, or commuting to and from work. Every road accident that happens to an employee is a costly problem for his or her company.

### Increasing safety and quality, reducing costs

For many companies, accepting this fact and acting on it may open up some major business potential. Quality and safety must in the future become a natural part of operational planning as they will become ever more critical factors of market success.

The reduction of costs ranges from fines that need not to be paid, fuel economy through efficient driving to reduced insurance rates, and of course there will be less accident claims and follow-up costs.

The costs generated are even bigger if a driver suffers an accident and gets injured. The extra cost adds up to around 500 € per day. This means that even in case of a minor injury that keeps a person away from work for two weeks the company loses over 5,000.- €. More severe accidents produce much higher costs, as the following example demonstrates:

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**EXAMPLE**

**Average financial loss per day away from work**

<table>
<thead>
<tr>
<th>I. Vehicle and driver</th>
<th>€ per revenue day*)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Fleet costs</strong></td>
<td>120,00</td>
</tr>
<tr>
<td>Semitrailer, standard top</td>
<td></td>
</tr>
<tr>
<td>Open box with tarpaulin and hoop</td>
<td></td>
</tr>
<tr>
<td>2 sets of 3 axles, 40 tonnes GCWR</td>
<td></td>
</tr>
<tr>
<td><strong>Driver payroll cost</strong> 10 h</td>
<td>220,00</td>
</tr>
<tr>
<td><strong>Driver expenses</strong> 10 h</td>
<td>25,00</td>
</tr>
<tr>
<td><strong>Administrative overheads</strong></td>
<td>70,00</td>
</tr>
<tr>
<td><strong>Imputed risk premium</strong></td>
<td>7,00</td>
</tr>
<tr>
<td><strong>Imputed ROI</strong></td>
<td>8,50</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>450,50</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>II. Lost earnings</th>
<th>(Enter figure based on company experience)</th>
</tr>
</thead>
<tbody>
<tr>
<td>As % of I.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>III. Claims to be paid</th>
<th>As claimed per case</th>
</tr>
</thead>
<tbody>
<tr>
<td>Penalty for delayed delivery and damages to goods</td>
<td></td>
</tr>
<tr>
<td><strong>Total Cost</strong></td>
<td></td>
</tr>
</tbody>
</table>

*) Revenue day = day of actual vehicle deployment (average of 226 revenue days per year)

Source: BGL (German Freight Transport Association) cost information system (11/2001), rounded figures
Employees actively involved in change processes

Although most people know fairly well how to behave safely in road traffic, the road is Germany’s most dangerous workplace.

Effective road risk management is more than just telling people to behave safely on the road. Road safety activities must be firmly embedded in corporate structures and processes. This makes it consistent with other current change processes. All modern business management programmes and strategies are built on an understanding that people are a company’s most important asset. All operational stakeholders contribute problem solutions, efficiency gains, innovative ideas, thus generating productivity gains. As part of this overall process, companies formulate new, modern philosophies and mission statements in which health and safety policies form a significant element. Here lies great potential for forward-looking decision-making. A zero-interruption, efficient corporate process is unthinkable without safety.

What is paramount for road risk management to take effect is that it must permeate all business processes: HR planning, work instructions, cost controlling, vehicle deployment and delivery scheduling, purchasing, quality management, maintenance and, of course, driver behaviour and vehicle handling. Road safety becomes part of the entire business process. However, any new approach to health and safety and road risk management requires time and patience.
A new approach to road risk management
The new approach to road risk management pursued by DVR is based on flexible problem solutions, user-friendly and customised learning modules, such as advanced driver courses, specialist programmes focusing on areas such as load securing, as well as operational support programmes.

Any disturbance or accident has its history of warning signs that can be read and understood. So the question is not, “Is there anything we can do?” but, “Where should we do what?” DVR and its members will be pleased to help you find the answer to this question.

Promoting and enforcing road safety is a leadership task. If managers take their employees’ knowledge about workplace risks seriously, there is a chance of establishing a corporate early warning system to control disruptions in business processes as well as accidents. This makes health and safety a powerful instrument to boost a company’s success.

Company Benefit

Cost reduction, quality, safety, motivation
Are you already using health and safety management as a way to increase your company’s profitability?

YES □ NO □

Are you undertaking efforts in your company to enhance the flow of information between all departments?

YES □ NO □

Do you include all staff members actively in your endeavours to improve quality and safety?

YES □ NO □

Are you keeping rigorous statistics on safety issues, days away from work, and cost?

YES □ NO □

Are there regular health and safety meetings among your company management team addressing any safety issues and possible solutions?

YES □ NO □
Are there regular health and safety meetings among your company staff addressing any safety issues and possible solutions?

Are all your staff members at all company hierarchy levels kept regularly posted on safety matters, and are they given regular training updates?

Do all your work instructions and job descriptions include an item on “safe workplace behaviour”?

Are all staff members in your company aware of who is responsible and who has managerial authority on safety matters?

Are you demonstrating in your own conduct how important safety is in your company?

Is there a safety incentive system in your company that offers a reward for zero-accident and zero-claims driving, as well as for safety related employee suggestions?

When planning delivery routes, do you take into consideration your drivers’ knowledge, experience and interests?

Are the required maintenance intervals and inspection deadlines always met?

Have your drivers been trained for a safe, economical and eco-friendly style of driving?

Do you keep a record on the amount of consumables used for the care, maintenance and repair of your vehicles, and is this record being analysed per driver/per vehicle?

Are your drivers aware of how important well-cared-for and safe vehicles are for your company’s reputation and success?

Do drivers have a working knowledge of basic physics to understand the physical impact of their driving behaviour in various situations?

Are your drivers sufficiently qualified to drive your vehicles safely and reliably?

Do your drivers have a repertoire of response behaviours to use in the case of precarious road traffic situations?

Can your drivers handle high workloads and stressful situations easily?

Did you answer “no” more often than “yes”? Do you feel there is a need to work on your road safety issues, and would you like some support in your efforts?
Road safety programmes

- Safety Training: Car drivers
- Safety Training: Motorcycle
- Safety Programme: Heavy Goods Vehicles
- Safety Programme: Liquid Loads
- Safety Programme: Bus Drivers
- Safety Programme: Coach Drivers
- Safety Programme: Emergency Vehicles
- Safety Programme: Light Goods Vehicles
- Safety Programme: Off-Road
- Driver Qualification Programme: LGV
- Safety Programme: Safe Loading
- Eco-Safe Driving: Safe, environmental and environmentally friendly
Safety Training

Car drivers

DVR and its members – Your partners for more safety
Drivers attending the safety programme learn to assess potential road traffic hazards correctly in order to avoid them.

**Contents and methods**
The personal transport safety programme includes practical driving as well as peer discussions under professional guidance. Assisted by an experienced instructor, drivers work on situations that they may run into at any time. They review their former habits and are given suggestions and helpful hints that can be put into practice immediately. A correct seating position, steering and braking manoeuvres on a variety of surfaces, as well as cornering techniques form an essential part of the course.

**Peer discussions**
In these sessions the trainer ensures that each driver’s knowledge and experience is shared. This is how a whole variety of views and perspectives can be discussed. Driver related issues are studied in conjunction with external factors (weather and road conditions) as well as the behaviour of other road users.

**Objective**
To many of us, motoring has become part of our daily lives. You go on your daily errands without giving much thought to what you are doing. But what if the unexpected happens? Many drivers do not know how to reduce their braking distance, or how to steer effectively. At the course, car drivers can practice ways of handling risky situations like the one mentioned above. They learn to avoid driving errors. However, the scope of possible reactions in a critical situation is narrow. The limiting factors are vehicle technology and physics on the one hand and the proficiency and fitness of the driver on the other. In any case, it is better not to get into these situations in the first place. Therefore drivers attending the safety programme learn to assess potential road traffic hazards correctly in order to avoid them.

**Learning new skills is fun**
Even frequent drivers with many years of driving experience can benefit from this safety training. Many employers have included the programme in their regular HSSE plan in order to cut back on commuting and at-work road accidents. Employees from all levels of their company hierarchies have been thrilled about the programme. They have experienced that working on safety is anything but boring.

**Programme implementation**
The one-day safety training programme is run by experienced and specially qualified trainers or instructors. It is offered nationwide either on fixed test sites or at locations where a mobile unit can be operated.

Driving practice is carried out on the driver’s own vehicle, or in company cars.
Safety Training

Motorcycle

DVR and its members – Your partners for more safety

Deutscher Verkehrssicherheitsrat e.V.
Motorcycle Safety Training

Elegantly the motorbike swings round the bends; the air is full of the sweet fragrance of freshly cut hay. The bike swiftly approaches the car ahead, which has begun to slow down. Quick look into the mirror, signal, pass. But what is this? The car driver ahead turns his steering wheel sharply and starts a U-turn. Now his car is blocking the entire width of the road.

What is the correct reaction in this type of a situation? What are the options, if any? What causes these situations in the first place, and what can be done to prevent them? Our motorcycle safety training has the answers.

Objectives
Many motorbike riders know very little about how to reduce their braking distance while keeping their bike stable. They do not know what their options are when an obstacle suddenly appears. Our motorcycle safety course teaches good habits suitable for the above and similar situations, helping riders to avoid mistakes in handling their vehicle.

However, the scope of possible reactions in a critical situation is narrow. The limiting factors are vehicle technology and physics on the one hand and the proficiency and fitness of the motorcyclist on the other. In any case, it is better not to get into this type of a situation in the first place. Motorcyclists learn to assess potential road traffic risks in advance, and to avoid them.

Contents and methods
The motorcycle safety programme includes practical riding as well as peer discussions under professional guidance. Assisted by an experienced trainer, drivers work on situations that may occur in their motorcycling reality. They review their former habits and are given suggestions and helpful hints that can be put into practice immediately. Slow control techniques, steering and braking manoeuvres on a variety of surfaces, as well as cornering techniques form an essential part of the course.

Peer discussions
In these sessions the trainer ensures that each rider’s knowledge and experience is shared. This is how a whole variety of views and perspectives can be discussed. Rider related issues are studied in conjunction with external factors (weather and road conditions) as well as the behaviour of other road users.

Learning new skills is fun
In addition to theory and practice the course also delivers a fair amount of fun. People “talk bike” extensively. Attending a motorbike safety course means swapping notes with like-minded people, finding out more about yourself and your bike, and at the same time working on your own safety.

Programme implementation
The one-day safety training programme is run by experienced and specially qualified trainers or instructors. It is offered nationwide either on fixed test sites or at locations where a mobile unit can be operated. Practical sessions are carried out on the customers’ own vehicles.

The organisers frequently offer a choice of alternative programmes, too, such as an advanced course, a scooter training, and combined courses.

For further information about the programme providers and their partners, please visit www.dvr.de

➜ Verkehrsteilnehmer
➜ Motoradfahrer
Safety Programme

Heavy Goods Vehicles

DVR and its members – Your partners for more safety

QUALITY MANAGEMENT
We are certified
Regular voluntary surveillance under ISO 9001:2000

Deutscher Verkehrssicherheitsrat e.V.
The driver has three hours within which to deliver the goods on his articulated vehicle. He has already lost time in an early-morning congestion on the motorway. Now he is going downhill on a steep country lane that has no hard shoulder. He activates the retarder to avoid wearing down his brakes. In a left turn, the trailer begins to “fishtail” in a brief sideways motion. The outer wheels end up on the bumpy soft embankment.

What causes these situations? Why does the truck not stay on the road? What can be done to avoid such dangerous situations in the first place? Our HGV safety programme has the answers.

**Objectives**
Whenever a 40 tonne giant gets involved in an accident, it hits the headlines. The sheer mass of the vehicle alone is bound to cause severe damage. It is therefore essential under all circumstances to rule out any instability during driving. This applies in particular to articulated lorries and semitrailer trucks. A competent and safe driver is one who avoids getting into a risky situation right from the start. Drivers attending this safety programme learn to identify and avoid hazards in advance.

DVR safety programmes are not courses that teach drivers fancy tricks to cope with tough situations. Instead, by taking part in the discussions and practical training units, they realise how unpredictably a risky situation can occur, and how little chance there is in real traffic to keep control.

**Contents and methods**
The HGV programme includes practical driving as well as peer discussions under professional guidance. Drivers reflect upon driving situations that can occur during their daily trips. They review their former habits and gain new insights. The practical driving modules focus on braking and steering manoeuvres carried out on a variety of surfaces but also deal with the correct seating positions and visibility in the cab.

In the practical part of the programme, drivers experience situations in which vehicle control becomes impossible. This is how they get first-hand experience of the consequences resulting from misjudged traffic situations. This helps build new attitudes and habits.

**Peer discussions**
In these sessions the trainer ensures that each driver’s knowledge and experience is shared. This is how a whole variety of views and perspectives can be discussed. Driver related issues are studied in conjunction with external factors (weather and road conditions) as well as additional specific challenges that typically occur in the transport of heavy goods. Even long-standing professional drivers will benefit from this safety programme.

**Programme implementation**
The one-day truck driver programme is run by experienced and specially qualified trainers. It is offered nationwide either on fixed test sites or at locations where a mobile unit can be operated. Practical driving sessions are carried out on the customers’ own vehicles.

For further information about the programme providers and their partners, please visit www.dvr.de → Verkehrsteilnehmer → Lkw-Fahrer → Sicherheitsprogramme → Sicherheitsprogramm Lkw
Safety Programme
Liquid Loads

DVR and its members – Your partners for more safety
Contents and methods
The liquid loads programme includes practical driving as well as peer discussions under professional guidance. Drivers reflect upon driving situations that can occur during their daily delivery runs. They review their former habits and gain new insights. The practical driving modules focus on braking and steering manoeuvres carried out on a variety of surfaces but also deal with the correct seating position and visibility in the driver’s cab.

Peer discussions
In these sessions the trainer ensures that each driver’s knowledge and experience is shared. This is how a whole variety of views and perspectives can be discussed. Driver related issues are studied in conjunction with external factors (weather and road conditions) as well as additional specific challenges that typically occur in the transport of liquid loads. Even long-standing professional drivers will benefit from this safety programme.

Programme implementation
The one-day liquid loads programme is run by experienced and specially qualified trainers. It is offered nationwide either on fixed test sites or at locations where a mobile unit can be operated. Practical driving sessions are carried out on the customers’ own vehicles.

For further information about the programme providers and their partners, please visit
www.dvr.de
→ Verkehrsteilnehmer
→ Lkw-Fahrer
→ Sicherheitsprogramme
→ Sicherheitsprogramm Tankwagen
Safety Programme

Bus Drivers

DVR and its members – Your partners for more safety

QUALITY MANAGEMENT
We are certified
Regular voluntary surveillance under ISO 9001:2000
Bus Drivers Safety Programme

2 p.m. on a Friday afternoon. Once again, inner city traffic is grinding to a halt. Vehicles are standing bumper to bumper, traffic lights are on red. What makes matters worse is the hot weather. Many passengers are impatient and under stress. How can a bus driver stay cool and alert? In the main street a car is parked very close to the bus stop. A quick glance into the side view mirror, signal, and a strong manoeuvre of the steering wheel. That will do. As he is making this manoeuvre, the driver does not notice that the rear of the bus has knocked down a waiting passenger on the pavement.

What has the driver done wrong? How could he have overlooked the pedestrian? What causes situations like this one? And how can they be avoided? Our bus drivers safety programme has the answers.

Objectives

Drivers on public bus services need to have full control of their vehicles and at the same time they must handle difficult passengers, from time to time. They must work under time pressure on a daily basis and do their job in a focused and faultless manner. The safest bus driver, from the point of view of the passengers, is not one who is a “perfectionist” driver but a driver who will avoid getting into a risky situation right from the beginning. Bus drivers attending the bus drivers programme develop a wider understanding of road traffic risks, and learn to identify, and avoid, hazardous situations.

Contents and methods

The bus drivers programme includes practical driving as well as peer discussions under professional guidance. Bus drivers reflect upon situations that can occur any time on their daily rounds of duty. They review their former habits and gain new insights. The practical driving modules focus on braking and steering manoeuvres carried out on a variety of surfaces but also deal with the correct seating position and visibility from the driver’s position.

Peer discussions

In these sessions the trainer ensures that each driver’s knowledge and experience is shared. This is how a whole variety of views and perspectives can be discussed. Driver related issues are studied in conjunction with external factors (weather and road conditions) as well as additional specific challenges that typically occur in the field of passenger transport. Coping with stress, fatigue and discontented passengers is an important issue. Even long-standing professional bus drivers will benefit from this safety programme.

Programme implementation

The one-day public bus driver programme is run by experienced and specially qualified trainers. It is offered nationwide either on fixed test sites or at locations where a mobile unit can be operated. Practical driving sessions are carried out on the customers’ own vehicles.

For further information about the programme providers and their partners, please visit

www.dvr.de

⇒ Verkehrsteilnehmer
⇒ Lkw-Fahrer
⇒ Sicherheitsprogramme
⇒ Sicherheitsprogramm Linienbus
Safety Programme
Coach Drivers

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QUALITY MANAGEMENT
We are certified
Regular voluntary surveillance
under ISO 9001:2000

Deutscher Verkehrssicherheitsrat e.V.

BG
Coach Drivers Safety Programme

It's the annual travelling season. At last, all the luggage has been stowed away and all passengers have come on board. Once again the coach is running late even before the trip has begun. Off we go to the motorway! Rain sets in – as if things were not bad enough already. The blowers can hardly keep the windscreen from misting up. Passengers start complaining that they feel cold. Driver briefly looks down to adjust the temperature control. As he looks up again the traffic light ahead is red. Driver slams foot on brake. The coach approaches the crossing at a worrying speed. A car on the right is already beginning to move off. Is the coach going to come to a halt in time?

What causes a situation such as this one? Why is the braking distance so long? How could the driver overlook the traffic light? What can be done to prevent this type of incident? Our coach drivers programme has the answers.

Objectives
Coach drivers must not only be able to control their vehicle but also stand up to the other challenges of their long journeys. Handling passenger needs is not always easy, and often drivers are working under time constraints. And yet they must concentrate on their itinerary and do their job in a focused manner, making zero mistakes. The safest coach driver, from the point of view of the passengers, is not one who is a “perfectionist” driver but a driver who will avoid getting into a risky situation right from the beginning. Hence, drivers attending the coach driver programme develop a wider understanding of road traffic risks, and learn to identify, and avoid, hazardous situations.

Contents and methods
The coach drivers programme includes practical driving as well as peer discussions under professional guidance. Drivers reflect upon driving situations that may occur during their daily journeys. They review their former habits and gain new insights. The practical driving modules focus on braking and steering manoeuvres carried out on a variety of surfaces but also deal with the correct seating position and visibility in the cab.

Peer discussions
In these sessions the trainer ensures that each driver’s knowledge and experience is shared. This is how a whole variety of views and perspectives can be discussed. Driver related issues are studied in conjunction with external factors (weather and road conditions) as well as additional specific challenges that typically occur in passenger transport. Coping with stress, fatigue and discontented passengers is an important issue. Even long-standing professional drivers will benefit from this safety programme.

Programme implementation
The one-day coach driver programme is run by experienced and specially qualified trainers. It is offered on a nationwide basis, either on one of the stationary facilities or on any company premises or proving ground of the customers’ choice. Practical driving sessions are carried out on the customers’ own vehicles.

For further information about the programme providers and their partners, please visit
www.dvr.de
→ Verkehrsteilnehmer
→ Lkw-Fahrer
→ Sicherheitsprogramme
→ Sicherheitsprogramm Reisebus
Safety Programme

Emergency Vehicles

DVR and its members – Your partners for more safety

Deutscher Verkehrssicherheitsrat e.V.
Emergency Vehicles Safety Programme

On his way out the fire engine driver learns that a number of children are still left in the apartment on fire. With his siren on and lights flashing, he rushes towards a junction. The traffic light is red. Vehicles immediately ahead of him pull over to one side. As he enters the junction, a motorcyclist appears from nowhere. How could he have overlooked him? He slams his foot on the brake, hoping for the best.

How come the driver overlooked the motorcyclist? What causes these and similar situations? And what can be done to avoid them? Our emergency vehicle safety programme has the answers.

Objectives
Emergencies require a quick response. Yet the need for safety must not be neglected. Even the most experienced emergency vehicle drivers will not turn into cold robots when duty calls. Especially when a mission involves a difficult-to-handle situation, keeping your cool can be difficult. A competent and safe driver is one who avoids getting into a risky situation right from the beginning. Drivers attending this safety programme learn to identify and avoid a hazard in advance. The programme is not a car control course that teaches drivers fancy tricks for tough situations. Instead, by taking part in the discussions and practical training units, they realise how unpredictably a risky situation can occur, and how little chance there is in live traffic to stay in full control.

Contents and methods
The emergency vehicle safety programme includes practical driving as well as peer discussions under professional guidance. Drivers reflect upon driving situations that can occur during their emergency operations. They review their former habits and gain new insights. The practical driving modules focus on braking and steering manoeuvres carried out on a variety of surfaces but also deal with the correct seating position and visibility in the driver’s cab.

Peer discussions
In these sessions the trainer ensures that each driver’s knowledge and experience is shared. This is how a whole variety of views and perspectives can be discussed. Driver related issues are studied in conjunction with external factors (weather and road conditions) as well as additional specific challenges that typically occur in emergency operations. Even long-standing professional drivers will benefit from this safety programme.

Programme implementation
The one-day emergency vehicle driver programme is run by experienced and specially qualified trainers. Practical driving sessions are carried out on the emergency service’s own vehicles.

For further information about the programme providers and their partners, please visit
www.dvr.de
➜ Verkehrsteilnehmer
➜ Lkw-Fahrer
➜ Sicherheitsprogramme
➜ Sicherheitsprogramm Einsatzfahrzeuge
Safety Programme

Off-Road

DVR and its members – Your partners for more safety
Content and methods
The off-road safety programme offers individual experience as well as peer discussions under professional guidance. The major part of the course consists of practicable training units in open terrain in the driver’s own vehicle. Instructor input focuses on picking the right moment to switch into four-wheel mode and low-range gearing. Drivers practise how to go at the right speed without losing traction, and how to manage the engine revs. The inevitable bit of classroom work is also offered, which helps drivers understand the vehicle’s behaviour in rough terrain.

Objective
Many people in mining, civil engineering, agriculture and forestry occasionally use four-wheel drive vehicles. Often they have not had any specific training, and all the experience they have is that of driving regular cars on ordinary paved roads. At the off-road safety programme, drivers can try out their vehicles away from solid asphalt with a professional instructor on board. They learn to “read” their terrain, assess its level of difficulty, and avoid driving errors.

Even off-road vehicles have their limits. These are defined, for one, by the terrain and its driving physics, and on the other hand by the driver’s skills and fitness. Drivers on this safety programme learn that dangerous situations can occur sooner than one would imagine and are more than tricky to manage in difficult terrain.

Peer discussions
In these sessions the trainer ensures that each driver’s knowledge and experience is shared. This is how a whole variety of views and perspectives can be discussed. Driver related issues are studied in conjunction with factors related to the vehicle and the terrain. Even long-standing drivers will benefit from the off-road safety programme.

Programme implementation
The one-day programme for off-road vehicle users is delivered by experienced and specially trained instructors. It is offered on a nation-wide basis. Vehicles used in driving practice must be provided by drivers themselves.

For further information about the programme providers and their partners, please visit www.dvr.de
Safety Programme

Light Goods Vehicles

DVR and its members – Your partners for more safety
Monday morning, 5.30 a.m.
Three engineers are in a hurry loading tools and supplies on to the back of their van to get started. Motorway traffic is busier than expected despite the early hour. Held up in a tailback near a road construction site they lose valuable time. What will the customer say if they are late? Now for that last leg on the country road and they will finally reach their destination. The driver does not see the wheel loader backing out on to the road until the very last second. He jerks the steering wheel around and just about manages to pull over to the left. But as he tries to steer back into his lane he loses control of the vehicle.

How should the driver have reacted? What other option would he have had? What causes these situations, and what can be done to prevent them?

Our LGV safety programme has the answers.

**Objectives**
Many drivers who switch from a passenger car to a van are not familiar with the van’s road behaviour. They have little knowledge about how their load and axle load distribution will affect their vehicle’s safety. A competent and safe driver is one who avoids getting into a risky situation right from the beginning. Drivers attending a DVR safety programme learn to identify and avoid a hazard in advance. The programme is not a car control course that teaches drivers fancy tricks for tough situations. Instead, by taking part in the discussions and practical training units, they realise how unpredictably a risky situation can occur, and how little chance there is in real traffic to stay in full control.

**Contents and methods**
The LGV safety programme includes practical driving as well as peer discussions under professional guidance. Drivers reflect upon driving situations that can occur during their daily trips. They review their former habits and gain new insights. The practical driving modules focus on braking and steering manoeuvres carried out on a variety of surfaces but also deal with the correct seating position and steering in confined spaces.

**Peer discussions**
In these sessions the trainer ensures that each driver’s knowledge and experience is shared. This is how a whole variety of views and perspectives can be discussed. Driver related issues are studied in conjunction with external factors (weather and road conditions) as well as additional specific challenges that typically occur in the use of light goods vehicles. Drivers are also informed about regulatory requirements and load restraint issues. Even long-standing professional drivers will benefit from this safety programme.

**Programme implementation**
The one-day LGV driver programme is run by experienced and specially qualified trainers. It is offered nationwide either on fixed test sites or at locations where a mobile unit can be operated. Practical driving sessions are carried out on the customers’ own vehicles.

For further information about the programme providers and their partners, please visit

www.dvr.de
→ Verkehrsteilnehmer
→ Lkw-Fahrer
→ Sicherheitsprogramme
→ Sicherheitsprogramm Transporter
Driver Qualification Programme

LGV

DVR and its members – Your partners for more safety
Contents and methods
The LGV driver qualification programme is a two-day seminar comprising practical driving and discussions under professional guidance. Drivers work on all of the following items:
- Managing a big workload
- Stress
- Fatigue
- Social conduct under highway code requirements
- Load restraint
- Practical driving exercises

Practice-driven coursework
When working through the above issues, trainers use the drivers’ personal experience as a point of departure. Discussions concentrate on everyday job-related problems and challenges, everyone’s views are shared. Based on case studies and practical driving modules, the course is delivered in a down-to-earth way. Driving practice modules allow drivers to work on road situations that can occur any day. They review former habits and receive valuable advice and guidance that can be used immediately. Confined-space manoeuvring, and braking/steering exercises are an essential part of the course.

Programme implementation
The LGV driver qualification programme is run by experienced and specially qualified trainers. The two days may be attended as a single package or split up in two one-day courses.

For further information about the programme providers and their partners, please visit
www.dvr.de
→ Betriebe und Berufsgenossenschaften
→ Seminare
→ Fahrer-Qualifizierungsprogramm
→ Transporter
Safety Programme

Safe Loading

DVR and its members – Your partners for more safety
Gently, the forklift vehicle places a pallet on the truck’s loading space. There is a customer out there who is desperately waiting for his spare parts. He depends on them for a repair job he is doing, and he is under pressure and there’s a deadline to meet. Is it really all that important for the driver to bother with all those load binders and ratchet straps? Time is money. After all, the customer is only a few kilometres away. There isn’t much of a risk. And he will drive carefully. However – the bend at the entrance to the customer’s premises turns out to be a little narrower than expected. The driver gives the steering wheel another turn, and the load in the back begins to shift.

According to an estimate by the transport insurance affiliated to the Association of German Insurers (GDV), more than 2,300 accidents involving trucks every year are caused by poorly secured or unsecured loads. Many random police checks have confirmed this estimate: Almost 70 per cent of trucks on German motorways run with little or no load restraint in place.

Concrete components weighing several tonnes each, paper bales and steel girders often sit on loading spaces without anything to hold them in place, although the forces of acceleration that act on any load during braking and steering are enormous. Even at the speed allowed in urban areas, braking or sudden steering movements to avoid an obstacle can cause objects to slide, damaging the vehicle and putting other road users at great risk.

Drivers learn the correct use of load restraint and adapt what they have learnt to the requirements of their own workplace responsibilities. Live, hands-on demonstrations of load securing are offered on a real truck for drivers to practice.

For further information about the programme providers and their partners, please visit
www.dvr.de
→ Verkehrsteilnehmer
→ Lkw-Fahrer
→ Ladungssicherung
Eco-Safe Driving
Safe, economical, and environmentally friendly
Eco-Safe Driving  Safe, economical, and environmentally friendly

A perfectly ordinary working day behind the wheel. Hassle, nerves and time pressure. The hurry leads to hasty driving: high revs, frequent heavy braking combined with sharp acceleration, frequent overtaking and lane switching. A perfectly ordinary working day behind the wheel? There is an alternative. The eco-safe driving course is a programme for men and women driving cars up to 3.5 tonnes gross vehicle weight. Courses take place in live road traffic. Drivers are shown advanced driving techniques that, besides being safe, make immediate business sense:

▶ Under the guidance of a professional instructor, they learn how, on their way to work or on business trips, they will get the most out of their car while at the same time causing less vehicle damage and avoiding accidents.
▶ Drivers practise keeping a safe distance and handling daily traffic situations calmly and with foresight.
▶ They learn simple and clever ways of using less fuel and thus saving cost.
▶ They learn to go easy on transmission, tyres and brakes.
▶ By applying these new techniques they will cause significantly less pollution.

The training programme is based on seven good habits:
▶ Keep your cool
▶ Create time for decisions – stay on top of the situation
▶ Always ensure correct tyre pressure
▶ Travel and change gears at low engine speeds
▶ Take advantage of vehicle’s own momentum
▶ Switch off engine wherever it makes sense
▶ Do away with any unnecessary weight

Courses provide a combination of some theory and plenty of practice. They are available as half-day workshops for three employees, full-day courses for six people, or as individual on-the-job coaching modules, depending on the company’s needs.

The courses are delivered by certified driving instructors on a nationwide scale.

The programme is a service offered to companies by German work accident insurances (Berufsgenossenschaften) and DVR, whose shared objective it is to minimise commuting and at-work road accidents. The courses are mainly intended for drivers of company cars and service vehicles. They are carried out on company premises and can be customised to fit into any company’s working hour schedule.

Course fees per driver are 51 Euros plus VAT. Some insurance schemes are willing to refund all or part of the cost.

Studies have shown that the long-term outcome of the programme after eleven months has been a drop in third-party claims by more than 34 per cent, a more than 21 per cent reduction of own-vehicle damage, and a more than 6 per cent average saving on fleet fuel, as well as a more at-ease driver workforce thanks to less stress behind the wheel.

For further information about the programme providers and their partners, please visit www.fahrspartraining.de