



Choose certainty.
Add value.

Road safety and traffic solutions

Protect the wellbeing of your road users.

Your challenges

Countries around the world are rapidly becoming more urbanised. As cities grow, so do the number of vehicles on roads, leading to greater traffic congestion and environmental pollution. Governments and transport authorities now face the challenge of managing the issues arising from a growing population of road users. They need to ensure that the increased vehicle population does not adversely affect social costs, productivity and public healthcare spending.

What services are available to governments and traffic authorities?

To maintain road safety, improve driving standards and protect the environment, it is often more effective for governments to employ private organisations to manage solutions such as driver licensing and vehicle inspection. Your organisation can call upon expert advice for legal frameworks, environmental and cargo transport standards, as well as hazardous materials and waste management systems.

Why are these services important?

Governments need to identify best practices, meet international standards and implement the most suitable solutions for meeting their requirements. To address the challenges of road safety and traffic solutions, governments and transport authorities must examine many aspects of road transport, including the existing infrastructure and legal framework, systems like periodical technical inspection, vehicle registration and driver testing, as well as safety measures for commercial transportation.

How can we help you?

TÜV SÜD has over 100 years of experience in providing solutions to make mobility safer and more reliable. As the trusted road safety and traffic partner to governments all over the world, we have the knowledge and international capabilities to help you address the three aspects of road safety: driver behaviour, technical supervision of vehicles and infrastructure for mobility.



Our road safety and traffic solutions

TÜV SÜD offers expertise and experience that covers the full range of road transport challenges faced by governments and transport authorities today.

■ Legal framework advice

We provide expert advice to governments that are setting up new systems or improving an existing legal framework for road transport to meet international standards, such as vehicle registration programmes.

■ Periodical technical inspection solutions

TÜV SÜD assists governments in developing customised turnkey solutions for nationwide vehicle inspection. These solutions cover design, project management and rollout, operations management, and quality management and training.

■ Driver testing and licensing

We work with transport authorities worldwide to develop and implement best practice driver testing and licensing systems.

■ Environmental standards

Our experts advise governments on best practices and international standards for emission controls, and assist in identifying the steps needed to control vehicle emission levels.

■ Transportation of cargo and dangerous goods

We provide advice on the safety standards and requirements needed to ensure the safe transportation of goods and hazardous materials.

■ End-of-life vehicles and waste management

TÜV SÜD can provide advice on the legal framework and enforcement requirements to reduce waste arising from end-of-life vehicles.

■ Transport research and advisory

We provide expert advice on urban and interurban transportation planning. Our services include analysis and planning of transportation networks and of traffic management systems. Furthermore, we are experts in optimising existing infrastructure and in greenfield planning. In this context, we consider the impact on traffic safety and efficiency, pollution of the environment and travel convenience for all traffic participants.

Turkey's national turnkey solution for vehicle inspections

In 2002, the Ministry of Transport in Turkey began discussions with TÜV SÜD on how to create a modern system of vehicle inspections to solve the country's road safety challenges. The existing vehicle inspection system was not able to deal with the high vehicle accident and fatality rates.

The existing system suffered from the following problems:

- There was an insufficient number of stations.
- No proper testing equipment was available.
- Staff were not properly trained to conduct inspections.

In 2005, TÜV SÜD was awarded the tender to develop and operate a vehicle inspection network for Turkey. TÜV SÜD, together with Akfen Holding and Doğuş Automotive, set up TÜVTÜRK to provide a modern vehicle inspection system based on the model found in Germany, but customised to meet the requirements of the local market.



The project, which included construction, IT infrastructure and employee training, was completed in just 18 months. Working with the Turkish Ministry of Transport, TÜVTÜRK was able to design and roll out a network of 189 inspection centres and 81 mobile stations within this time period. These centres were outfitted with state-of-the-art facilities and technology, supported by an integrated IT system for appointment setting, real-time data processing and data storage. All of these stations were accredited to the TS/EN 17020 standard by 2008.

To operate the vehicle inspection network, TÜVTÜRK recruited and trained 2,200 employees by 2007. In addition, TÜVTÜRK trained and managed a network of 47 business partners in 81 cities across the country.

The first vehicle inspection station was launched in 2008. In the subsequent years, Turkey has benefited from several improvements in road safety, as follows:

- Over five million inspections are carried out each year.
- Traffic fatalities have been reduced by 40 per cent.
- The inspection failure rate of vehicles has decreased from 43 per cent to 37 per cent.
- The vehicle maintenance and repair sector has experienced a 30 per cent increase in revenue, indicating that defects are being detected and subsequently repaired.

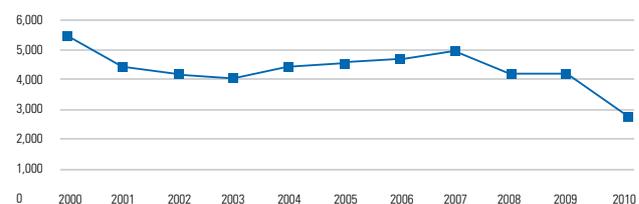
The success of TÜVTÜRK is attributed to several factors:

- The collaborative relationship with the Turkish Ministry of Transport and the support of the local partner network.
- TÜV SÜD's technical expertise in periodical vehicle inspection and knowledge transfer.
- TÜV SÜD's project management and operational capabilities to design and operate a nationwide system.

PROJECT TIMELINE ▼

2004	Turkish Ministry of Transport issues a tender for a modern vehicle inspection system.
2005	Tender is awarded to TÜVTÜRK.
2006	Project implementation begins following a nine-month design process. Implementation includes construction, IT infrastructure and employee training.
2008	First vehicle inspection station launched in Elazığ.
2010	Eight million vehicle inspections conducted.
2012	TÜVTÜRK celebrates its fifth anniversary and 20 millionth vehicle inspection.
2027	TÜVTÜRK to operate the system exclusively for 20 years.

REDUCTION IN TRAFFIC FATALITIES





Your benefits

- **Improve quality of life** – by decreasing traffic accidents, controlling air pollution levels and reducing congestion.
- **Instil confidence and credibility** – by partnering with a company with proven success in implementing road safety and traffic solutions on a nationwide level.
- **Minimise risks** – in implementing national-scale road safety programmes, and road safety and traffic solutions for commuters.
- **Meet international environmental standards** – by controlling the level of air pollution as a direct result of vehicle emissions.

Why choose TÜV SÜD?

TÜV SÜD is the trusted partner in automotive safety for governments and transport authorities worldwide, having implemented unified criteria for vehicle testing 100 years ago to create better road safety. Today, our experts continue to develop best practice solutions that enhance road safety and reduce road accident fatalities. We are the only company to have ever successfully implemented a modern system for vehicle inspection on a nationwide level, creating a network of 189 test centres and 81 mobile test stations in just 18 months in Turkey.

As a neutral and independent third-party inspection service provider, we focus on providing value to stakeholders rather than shareholders. In addition to undergoing regular auditing that independently verifies our people and processes, TÜV SÜD is also accredited according to national and international standards.

Choose certainty. Add value.

TÜV SÜD is a premium quality, safety and sustainability solutions provider that specialises in testing, inspection, auditing, certification, training and knowledge services. Represented in over 800 locations worldwide, we hold accreditations in Europe, the Americas, the Middle East and Asia. By delivering objective solutions to our customers, we add tangible value to businesses, consumers and the environment.

Related services

TÜV SÜD provides the following related services:

- Fleet management solutions
- Testing for vehicle modifications
- Used vehicle management solutions