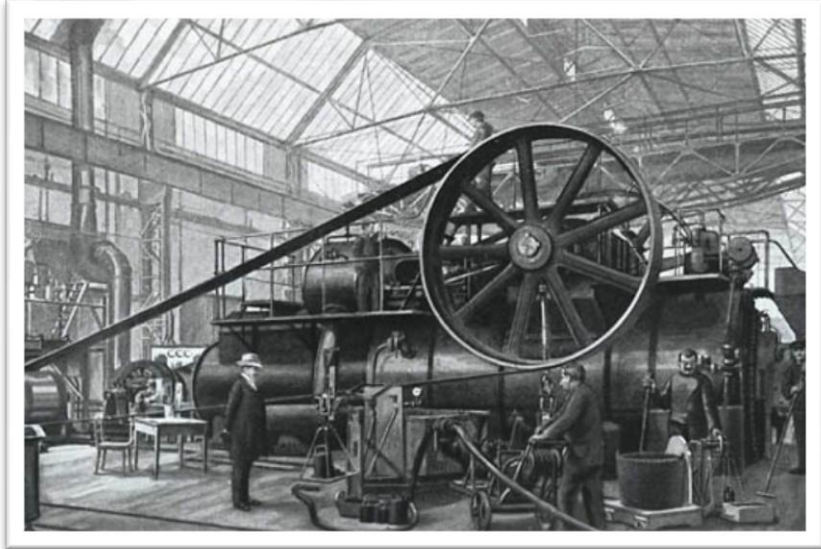
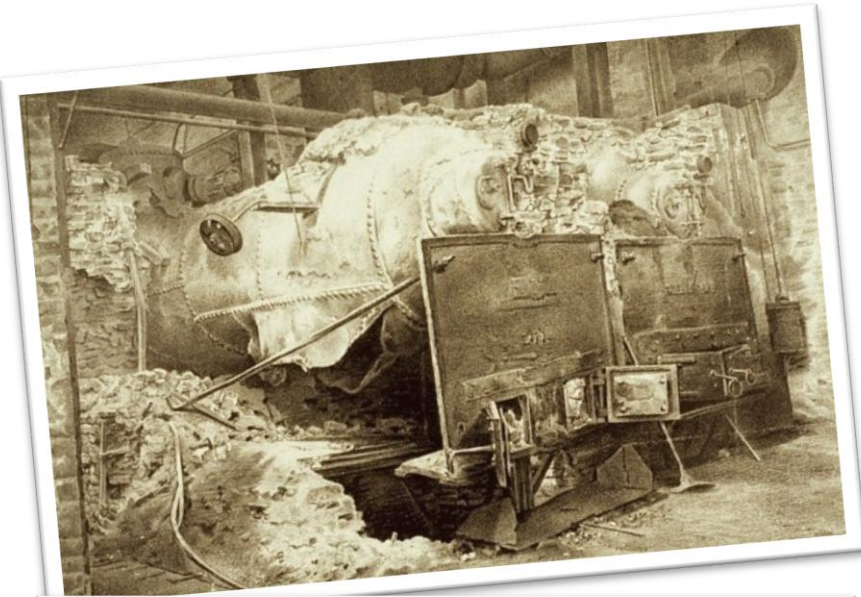




Choose certainty.
Add value.

TÜV SÜD

Testing, inspection, certification and training
solutions for business success



- 1866** ● Establishment of a Mannheim-based steam boiler inspection association by 21 operators and owners of steam boilers, with the objective of protecting man, the environment and property against the risk emanating from a new and largely unknown form of technology
- 1910** ● First vehicle periodic technical inspection (PTI)
- 1926** ● Introduction of the “TÜV mark / stamp” in Germany
- 1958** ● Development of a Bavaria-wide network of vehicle inspection centres in the late 1950s
- 1990s** ● Conglomeration of TÜVs from the southern part of Germany to form TÜV SÜD and the expansion of business operations into Asia
- 2006** ● Expansion of services in ASEAN by acquiring Singapore-based PSB Group
- 2009** ● Launch of Turkey-wide vehicle inspection by TÜVTURK
- Today** ● TÜV SÜD continues to pursue a strategy of internationalisation and growth

Today, TÜV SÜD stays true to its founding principle of **protecting people, environment and property against the adverse effects of technology.**





1

One-stop technical solution provider

150

years of experience

800

locations worldwide

1,900

million Euro in sales revenue 2013

20,200

employees worldwide



Note: Figures have been rounded off.



Testing & product certification

Chemical, physical, mechanical, electrical and environmental testing and product certification.



Inspection

Product, system, building, plant and infrastructure inspection.



Auditing & system certification

Audits system certification in a variety of fields including quality, safety, energy, IT security, social compliance and environment.



Knowledge services

Safety, quality, risk, environmental protection and regulatory advisory.



Training

Training in work safety, technical skills, management systems and executive programs.

Increase

Market access



Productivity & profits



Brand reputation



Decrease

Costs & inefficiencies



Time to market



Business risks



Our asset. Your advantage.



TÜV SÜD: A brand synonymous with quality and safety. Our certification marks certificates are excellent marketing tools for our customers. Our test reports provide customers with the confidence to market their products' safety, quality and sustainability attributes. Our personnel certificates provide our customers with greater market opportunity.



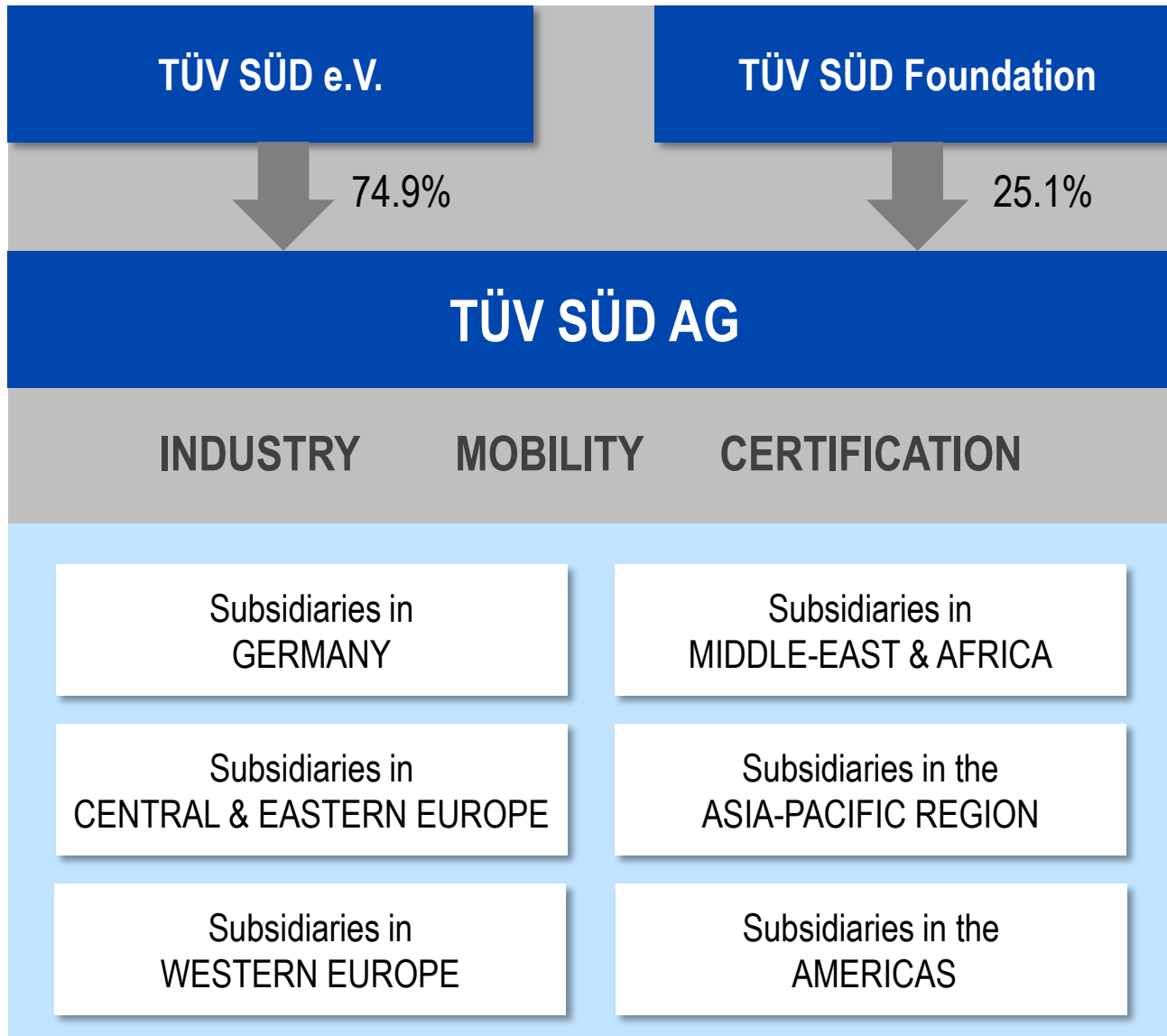
> 320,000 product certificates



> 46,000 system certificates

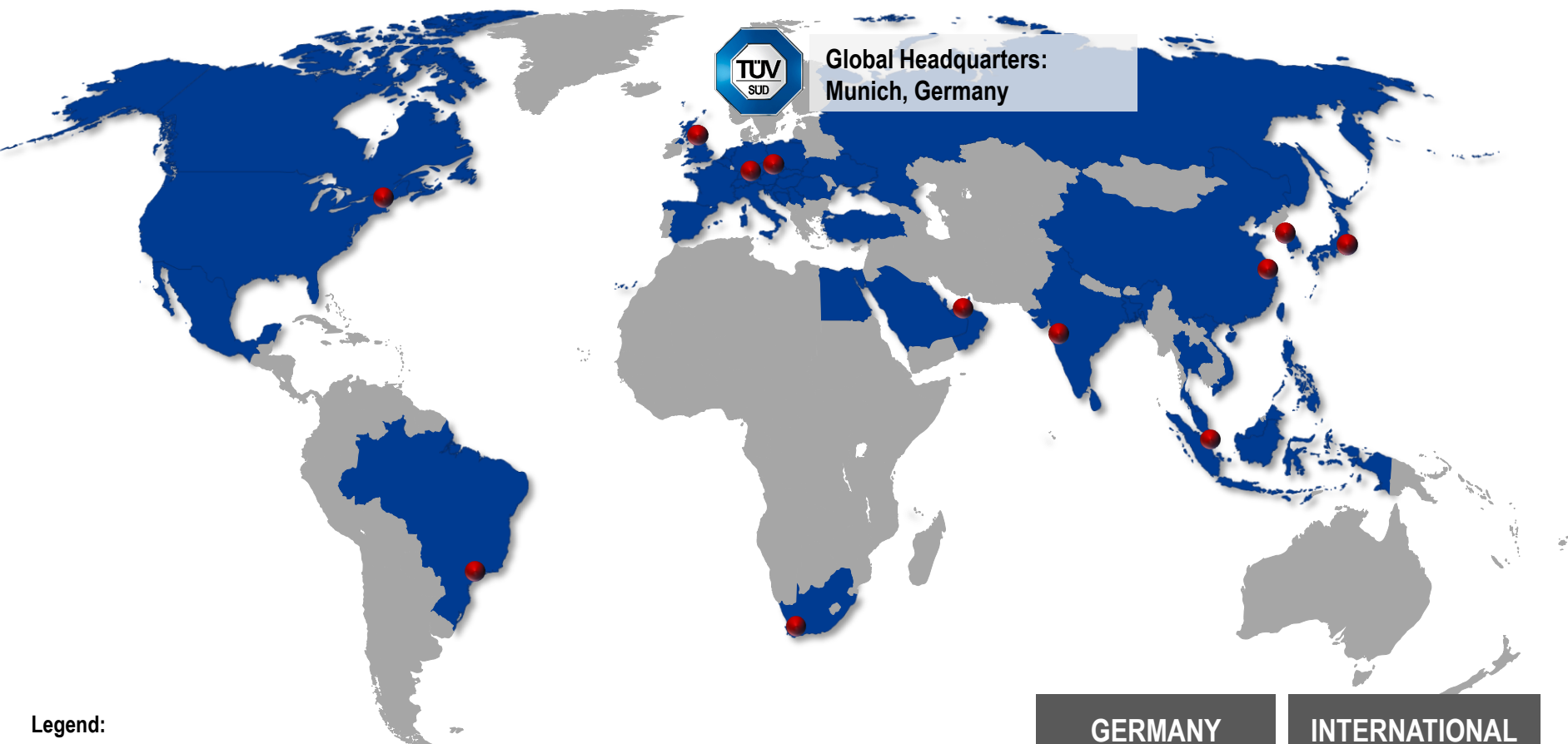


> 20,000 personnel certificates
> 160,000 participants






Global Headquarters:
Munich, Germany



Legend:

 Countries with TÜV SÜD offices

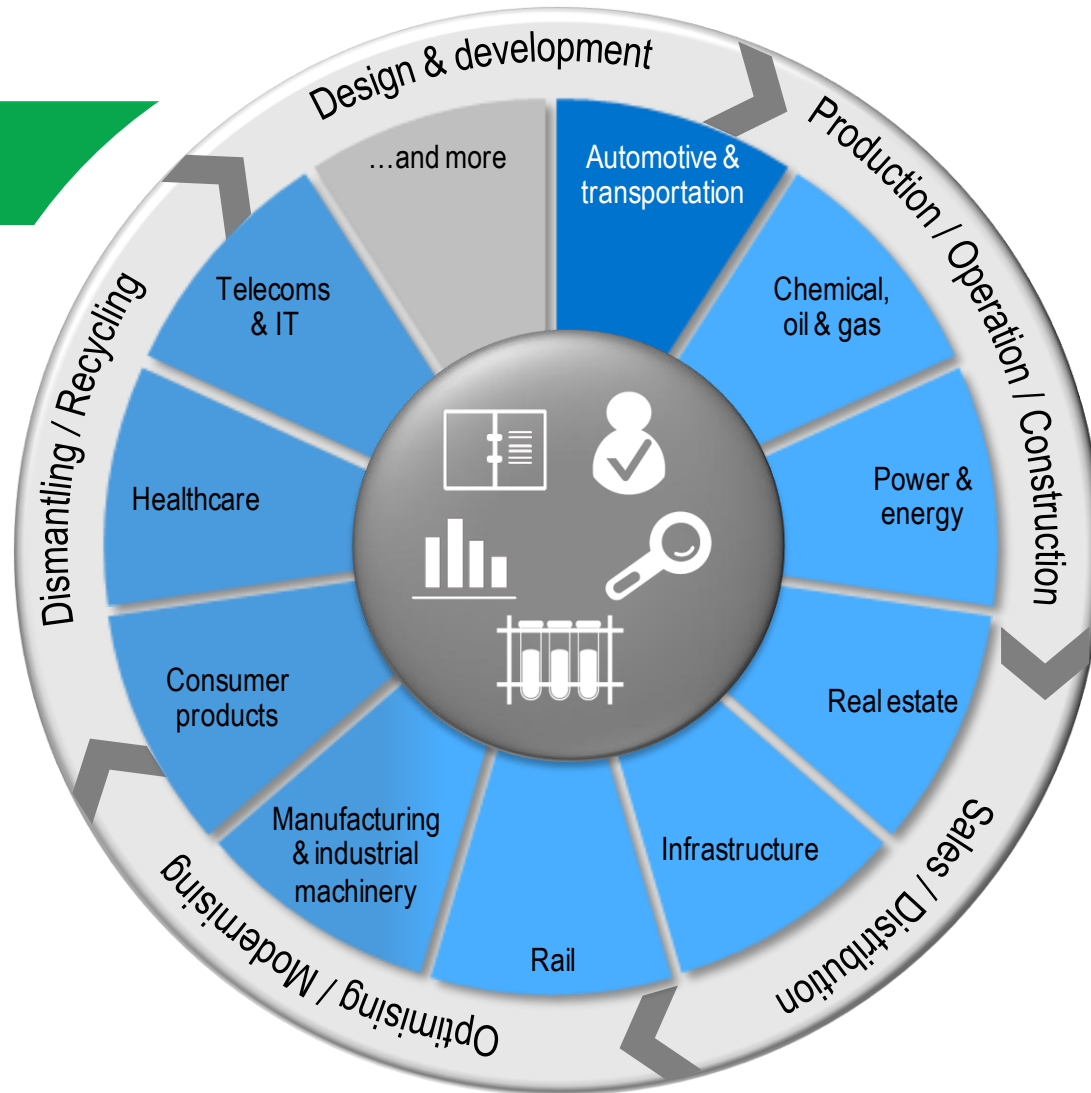
 Regional headquarters

Note: Figures have been rounded off.

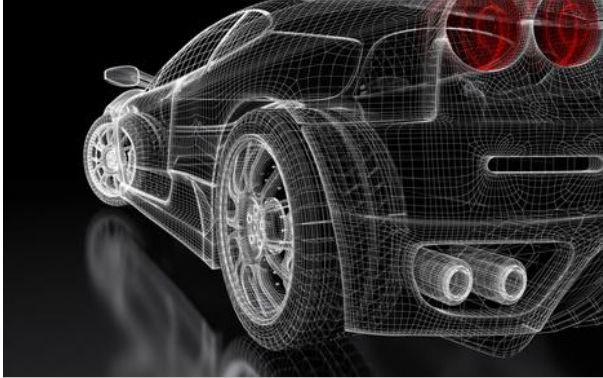
GERMANY	INTERNATIONAL
Euro 1,190 mio 10,400 staff	Euro 750 mio 9,800 staff

Sustainability

- Energy efficiency
- Renewable energy
- e-Mobility
- Corporate Social Responsibility (CSR)



Automotive R&D and manufacturing



Services for automotive suppliers and Original Equipment Manufacturers (OEM) include:

- Homologation, certification and international regulatory compliance management
- Quality & safety services
- Emissions testing

Transportation



Services for repair shops and car dealerships, leasing companies and fleet management companies include:

- Vehicle and used car management
- Damage assessments
- Value appraisals
- Quality and process optimisation
- Performance audits
- System certification
- Training

Road safety & traffic



Services for government transport authorities include:

- Legal framework advisory
- Development of periodic transport inspection solutions
- Transport research and advisory

Services for private vehicle owners include:

- Periodic technical inspections
- Used vehicle assessment & valuations
- Expert reports and damage assessments
- Issue of emission stickers

Chemical, oil & gas



Services for investors, operators and equipment manufacturers of upstream, midstream and downstream installations include:

- Quality assurance and control
- Periodic inspection
- Owners' engineer
- Acceptance checks and tests
- Material testing
- Auditing
- System certification
- Training

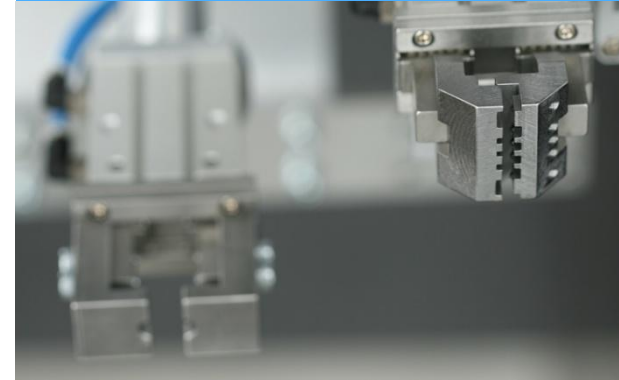
Power & energy



Services for investors, owners, operators and equipment manufacturers of conventional, nuclear and renewable energy plants include:

- Due diligence
- Design reviews
- Risk management
- Owners' engineer
- Construction monitoring
- Material testing
- Periodic inspection
- Regulatory compliance assessment
- System certification
- Training

Manufacturing & industrial machinery



Services for components manufacturers, contractors, installation providers, equipment & material manufacturers and operators include:

- Component testing
- Periodic inspection of equipment
- Failure analysis
- System certification
- Training

Rail



Services for authorities, train operating companies (TOC), infrastructure managers (IM) and equipment manufacturers include:

- Technical support
- Testing
- Independent safety assessment
- System certification
- Training

Real estate



Services for investors, owners, operators and equipment manufacturers of existing and new buildings include:

- Due diligence
- Design reviews
- Risk management
- Construction material testing
- Periodic testing and inspection reports
- Feasibility studies
- Energy analysis and audits
- Owners' engineer
- Property assessment and valuation
- System certification
- Training

Infrastructure



Services for owners, operators and equipment manufacturers of building infrastructure, irrigation, transportation and utilities include:

- Due diligence
- Technical support
- Risk management
- Periodic testing and inspection
- System certification
- Training

Manufacturing & industrial machinery



Services for components manufacturers, contractors, installation providers, equipment & material manufacturers and operators include:

- Component testing
- Periodic inspection of equipment
- Failure analysis
- System certification
- Training

Consumer products & retail



Services for manufacturers, retailers, buyers and suppliers of electrical & electronics, food, health & beauty, hardlines, softlines, toys & children's products:

- Testing
- Auditing
- Inspection
- Product certification
- Knowledge services
- System certification
- Training

Healthcare & medical devices



Services for medical device manufacturers and healthcare providers include:

- Clinical approvals
- Market approvals and certification
- Testing
- Evaluation
- Quality control
- System certification
- Training

Telecommunications & IT



Services for equipment manufacturers and operators of infrastructure equipment and radio frequency wireless equipment include:

- Design reviews
- Testing
- Software escrow
- Product certification
- System certification
- Training

Energy efficiency



Services for manufacturers, planners, owners and operators of buildings, products and equipment, production plants, power plants, municipalities and regions include:

- Energy audits
- Energy optimisation
- Energy efficiency certification
- Testing
- Product certification
- Compliance evaluation
- System certification
- Training

Renewable energy



Services for investors, manufacturers and operators of biomass, geothermal, hydropower, photovoltaic, solar thermal and wind components and plants include:

- Feasibility & bankability assessments
- Construction monitoring
- Safety and licensing support services
- Equipment and component testing and certification
- Periodic inspection
- Training

e-Mobility



Services for authorities, suppliers and OEMs of electric vehicle and components, charging infrastructure and battery include:

- Testing
- Training
- Range evaluation
- Technical support
- Site selection advisory
- Certification
- Homologation
- System certification
- Training

Corporate social responsibility (CSR)



Services for authorities, business owners and operators include:

- Carbon footprint certification
- Verification, validation and certification of climate change projects
- System certification

Services for manufacturers, suppliers and retailers include:

- Social compliance audits
- System certification
- Training

Taj Palace Hotel, New Delhi, India



Business challenge

- Review the energy consumption pattern of Taj Palace Hotel in New Delhi, India
- Achieve savings without compromising on the level of service

Our solution

- Reviewed energy consumption pattern and evaluated energy savings potential of Taj Palace Hotel in New Delhi, India
- Scope included air-conditioning system, electricity supply and operation facilities

Business benefits to client

- Identified a 15% energy savings without compromising on service level

ENERCON, Lower Saxony, Germany



Business challenge

- Check the functioning of the rotor blades and nacelle of the E-126, ensuring that the structure will withstand 20 years of operation
- Adopt new verification procedure approaches due to the large size of the components

Our solution

- Issued type certification for the safe functioning of rotor blades and nacelle on ENERCON E-126, the largest in the world
- Simulated environmental conditions including turbulent winds and severe storm to ensure that structure will withstand 20 years of operation

Business benefits to client

- Certified wind turbines, ensuring conformance to statutory requirements
- Validated reliability of structures of minimum 20 years of useful life

Robert Bosch, Singapore



Business challenge

- Develop the e-Mobility charging infrastructure network
- Ensure that the e-Mobility charging infrastructure network conforms with Singapore's stringent safety standards

Our solution

- Provided Robert Bosch with expert advice to develop a solution for charging electric vehicles and a network of charging stations including design and technology of charging stations
- Conducted comprehensive testing and safety checks

Business benefits to client

- Demonstrated that the charging infrastructure conformed with Singapore's stringent safety standards

Alcantara®, Italy



Business challenge

- Review the carbon footprint, sustainability report and management system of Alcantara®.
- Integrate and coordinate all management system certification requirements into a single system while ensuring that sustainability and corporate social responsibility is achieved by Alcantara®

Our solution

- Issued carbon footprint certification from 2009 to 2012
- Assurance on sustainability report from 2010 to 2012
- Integration and coordination of all management system certification requirements into a single system (ISO14001, SA8000®, OHSAS18001)

Business benefits to client

- Connected company strategy to Sustainability and Corporate Social Responsibility

Deichmann



Business challenge

- Ensure that finished footwear products from third-party manufacturers meet regulatory requirements as well as the company's exacting standards regarding the use of restricted chemicals and other substances that could be harmful to consumers

Our solution

- Restricted Substances List (RSL) testing
- Business Social Compliance Initiative (BSCI) audit
- TÜV SÜD "Tested for Fit" Certification Mark

Business benefits to client

- Provided consumers with footwear products that are safe

Expedia



Business challenge

- Assure consumers of the security of their personal data and the safety of booking online

Our solution

- Issued TÜV SÜD S@fer Shopping Certification, providing a thorough and systematic assessment of the performance and security of Expedia's German website
- Provided Expedia with a data security framework which has been successfully applied across multiple country platforms

Business benefits to client

- Improved website security and usability
- Validated company's commitment to the security of customers' personal data
- Created an important competitive advantage in the travel marketplace through a brand reputation for secure, reliable transactions

Meiji, Japan



Business challenge

- Meet internationally recognised standards to establish new distribution channels in the US

Our solution

- Helped Meiji obtain a GFSI benchmarked food safety for their Osaka (SQF certification) and Sakado (FSSC 22000 certification) factories

Business benefits to client

- Upgraded quality management framework
- Raised production line quality levels
- Increased trust and confidence by customers and business partners
- Improved marketability and created a competitive edge
- Faster response time
- Reduced business risks through regular asset maintenance



Choose certainty.
Add value.

Contact us today.

www.tuv-sud.com
info@tuv-sud.com



Sales revenue

Euro 1,940 million



Note: Figures have been rounded off.

No. of employees*

20,200 headcount

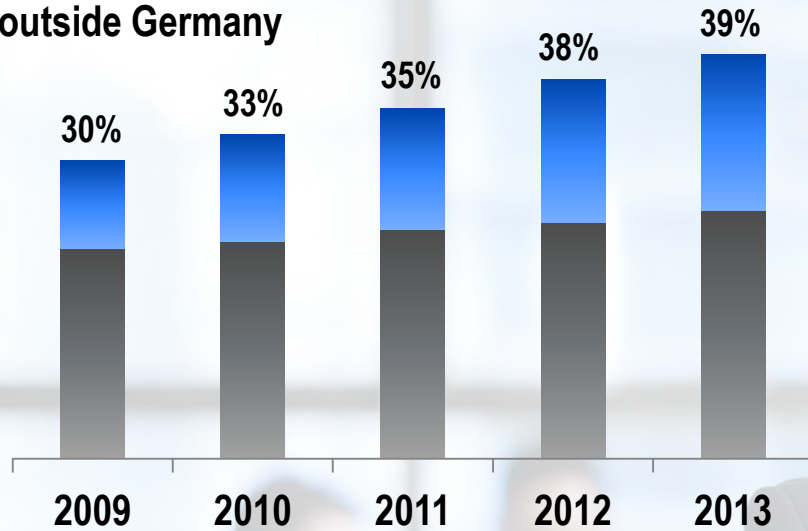


*As of 31 Dec 2013

Note: Figures have been rounded off.

International sales revenue

39% of consolidated sales revenue generated outside Germany



Note: Figures have been rounded off.



1 One-stop technical solution provider

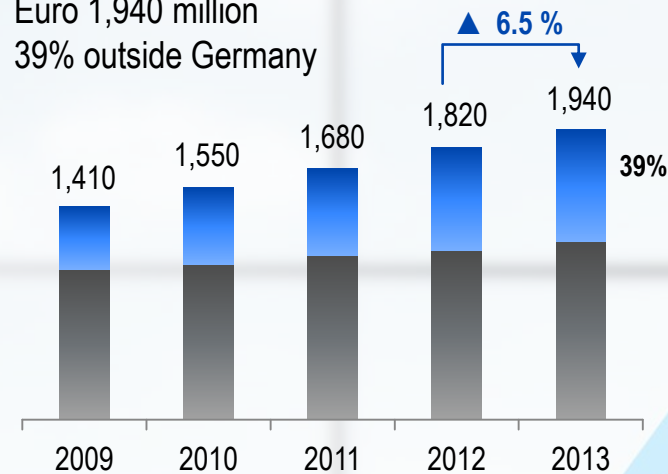
150 years of experience

800 locations worldwide

1,900 million Euro in sales revenue 2013

20,200 employees worldwide

Sales revenue
Euro 1,940 million
39% outside Germany



No. of employees*
20,200 headcount



*As of 31 Dec 2013

MOBILITY



- **Employees:** 5,494
- **Sales Revenue:** € 647.4 million
 - **Auto Services:** 84.5 %
 - **Automotive:** 7.3 %
 - **Life Services:** 8.2 %

INDUSTRY



- **Employees:** 7,271
- **Sales Revenue:** € 789.8 million
 - **Industry Services:** 64.8 %
 - **Real Estate:** 27.9 %
 - **Rail:** 7.3 %

CERTIFICATION



- **Employees:** 5,615
- **Sales Revenue:** € 501.4 million
 - **Product Services:** 64.2 %
 - **Management Services:** 24.3 %
 - **Academy:** 11.5 %

MOBILITY



Ensure 100 years in safe mobility:

- Periodical Technical Inspections
- Car business services
- Fleet management
- Automotive

INDUSTRY



Maximise reliability, safety & efficiency for:

- Chemical, oil & gas
- Power & energy
- Manufacturing & industrial machinery
- Rail
- Real estate and infrastructure

CERTIFICATION



Achieve market access for:

- Manufacturing & industrial machinery
- Consumer products & retails
- Healthcare & medical devices
- Telecommunications & IT
- Transportation (Automotive, Aerospace and Marine Component)

Our business success in the last decade



- 2006** ● Expansion of services in Asia and Northern America by acquiring Singapore-based PSB Group and US inspection company PetroChem
- 2008** ● Initial and periodic testing of plants and installations now offered throughout Germany
- 2009** ● Launch of Turkey-wide vehicle inspection by TÜVTURK, a joint venture of TÜV SÜD and two Turkish partner companies
- 2010** ● Acquisition of US Global Risk Consultants Corporation (GRC), global market leader in unbundled risk management and property loss consulting
- 2011** ● Acquisition of South-African market leader in nondestructive material testing and inspection for energy industry (Pro-Tec Boiler Inspection and NDT Services)
- Today** ● TÜV SÜD continues to pursue a strategy of internationalisation and growth



BOARD OF MANAGEMENT

DR. AXEL STEPKEN (Chairman)

DIRK EILERS

DR. MATTHIAS J. RAPP

HORST SCHNEIDER

KARSTEN XANDER

	INDUSTRY		MOBILITY		CERTIFICATION			
	INDUSTRY SERVICE	REAL ESTATE SERVICE & INFRA-STRUCTURE	AUTO SERVICE		PRODUCT SERVICE	MANAGEMENT SERVICE	ACADEMY	LIFE SERVICE
GERMANY								
AMERICAS								
ASEAN								
CENTRAL & EASTERN EUROPE								
CHINA								
JAPAN								
KOREA								
MIDDLE EAST / AFRICA								
SOUTH ASIA								
WESTERN EUROPA								

TÜV SÜD is the largest TÜV company worldwide, and ranks fifth among the biggest global players in the field of technical safety



Sales revenue

in Euro million

(figures are based on available public data)

