



Perspectives

Group Presentation



“THE TÜV NORD GROUP IS A GLOBAL LEADER IN TECHNOLOGY SERVICES WITH THE CLEAR AIM OF ACCOMPANYING ITS CLIENTS WITH PRUDENCE AND FORESIGHT INTO THE FUTURE.”

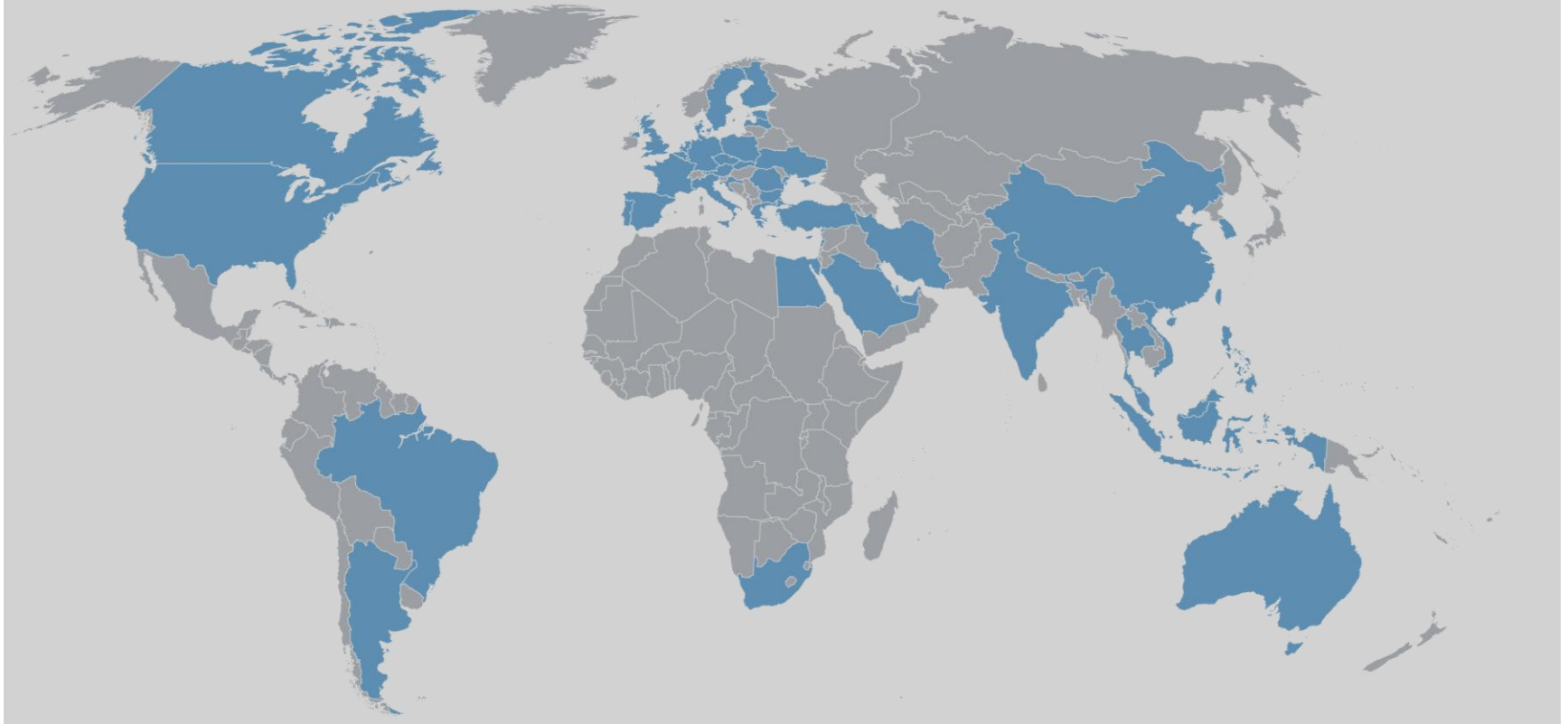
AT TÜV NORD GROUP, SERVICE AND RESPONSIBILITY HAVE MORE THAN 10,000 FACES

- A leading international technology service provider
- Focus: people, technology, the environment and material assets
- Safety experts and technology consultants
- Unique in the sector – with business units Natural Resources and Aerospace
- Corporate philosophy based on independence and integrity
- Motto: Excellence for your Business



THE WORLD OF TÜV NORD GROUP AT A GLANCE

- **70 countries**
- **85 companies**
- **Around € 1 billion turnover**



TOPICS THAT CONCERN US AND QUESTIONS THAT MOTIVATE US

ENERGY

WHAT TYPES OF ENERGY WILL WE NEED IN FUTURE?



WE SECURE THE ENERGY TECHNOLOGIES OF THE FUTURE

The challenge

- Development of sustainable energy supplies from conventional and renewable energy sources

Our contribution

- Improvement of efficiency and operational safety of all types of power plants
- Testing and certification of energy-generating installations (e.g. wind turbines)
- Helping to design the energy networks of the future (e.g. Smart Grids)

Our expertise

- The comprehensive know-how within the Group increases security of supply and enables stable energy prices



MOBILITY

HOW WILL WE TRAVEL TOMORROW?



WE MAKE SURE THAT PEOPLE AND GOODS ARE TRANSPORTED SAFELY

The challenge

- More and more people are travelling, and more goods are transported throughout the world
- Combination of road, rail, sea and air travel into multi-modal transport chains

Our contribution

- Safety for the mobile society
- Comprehensive experience and knowledge in type approval of vehicles
- Further development of alternative drive systems, e.g. electromobility

Our expertise

- Innovations for resource-saving vehicle technologies and traffic concepts, e.g. in megacities



CITIES AND THE ENVIRONMENT

HOW IS THE WORLD WE LIVE IN CHANGING?



WE ENHANCE THE QUALITY OF LIFE AND IMPROVE ENVIRONMENTAL PROTECTION

The challenge

- Climate and environmental protection are challenges facing policy-makers, industry and society alike
- Ever more people in the world live in high-density centres of population

Our contribution

- Inspection of stadiums, buildings and other structures and technical installations, plants and equipment
- Environmental tests of soil, air, rivers and lakes, other materials

Our expertise

- Metropolitan Solutions: drinking water quality, energy efficiency and safety of buildings are important areas of growth



DATA SECURITY

WHO CAN PROTECT OUR DATA NETWORKS?



WE PROTECT DATA NETWORKS AGAINST ABUSE AND FAILURE

The challenge

- Dynamic growth of data volumes
- Increasing complexity means more stringent requirements for data protection

Our contribution

- Worldwide concepts, test procedures and standards for data security
- Companies, official bodies and other organisations all benefit

Our expertise

- New confidence in IT products and infrastructure
- Strengthening of consumer protection, e.g. Smart Metering



NATURAL RESOURCES

WHERE CAN WE FIND THEM?



WE IMPROVE COST-EFFECTIVENESS, SAFETY AND ENVIRONMENTAL PROTECTION

The challenge

- Continuing high requirement for fossil energy sources, metals and other natural resources
- It is becoming more difficult to access and exploit natural resources

Our contribution

- High-level expertise in the area of natural resources, from feasibility studies through mining projects and consulting to exploration of underground energy storage facilities

Our expertise

- Fulfilling all the requirements of the global natural resources industry



TRAINING AND HUMAN RESOURCES

WHAT KNOWLEDGE IS VITAL FOR THE 21st CENTURY?



WE ENSURE PROGRESS THROUGH QUALIFICATION

The challenge

- Rapidly increasing requirements for employees as regards knowledge and skills
- Shortage of skilled employees

Our contribution

- Client-specific further training
- Tailor-made training courses in the publicly-funded sector with a sense of social responsibility
- Experience in providing qualifications in over 80 vocations

Our expertise

- Increasing competitiveness through further training
- Opening up new work opportunities



HEALTH AND NUTRITION HOW CAN WE BE SURE THAT WE ARE LEADING A HEALTHY LIFE?



WE SET STANDARDS FOR THE WORLDWIDE FOOD PRODUCTION INDUSTRY

The challenge

- Rising worldwide demand for healthy and environmentally-friendly food and animal feed

Our contribution

- Know-how in the area of international food standards (including BSR/IFS)
- State of the art laboratory facilities, including India

Our expertise

- Our experts promote awareness of healthy food, and support responsible food production and the worldwide food supply chain



AEROSPACE

NEW HORIZONS IN THE UNIVERSE?



WHERE THERE IS NO ROOM FOR ERROR – OUR SERVICES ARE IN DEMAND

The challenge

- Navigation, telecommunications, meteorology – satellite technology is the future
- Materials, technology and quality are subjected to extreme conditions

Our contribution

- Reliable electronics for air and space travel

Our expertise

- Achieving growth through an increasing number of satellite launches in the coming years
- Global partnerships, e.g. the Mars Rover Curiosity (NASA Mars Mission)





TÜV NORD GROUP CUSTOMERS

- Private customers
- Public authorities
- Regional and local SMEs
- Global Players and large national companies
- National and international organisations and institutions

ONE ENTERPRISE – THREE BRANDS

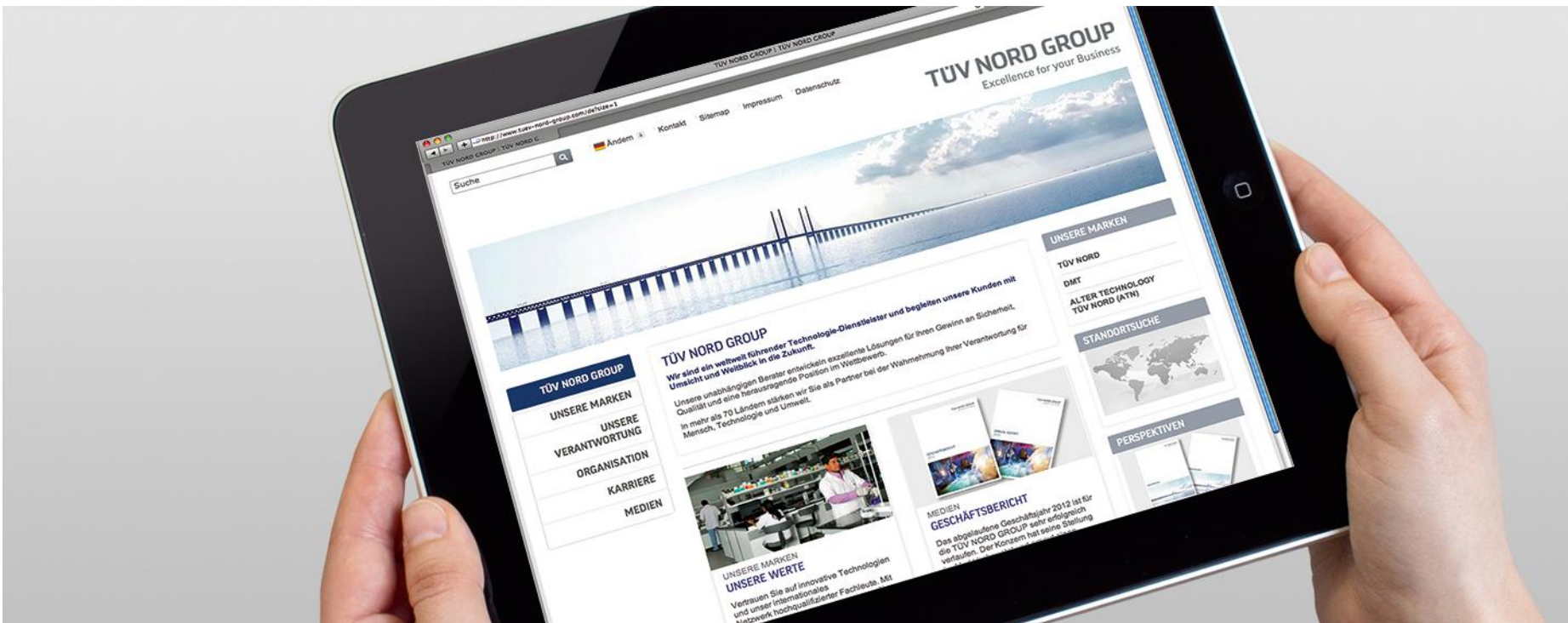
TÜV NORD GROUP



Industrial Services, Mobility,
Training, IT

Natural
Resources

Aerospace



WE LOOK FORWARD TO TELLING YOU MORE
ABOUT OUR SERVICES FOR YOUR BUSINESS

www.tuev-nord-group.com

TÜV NORD GROUP
Excellence for your Business