Division Safety and Transport

Senior Vice President
Paul-Halle Zahl Pedersen
Overall organisation

Group-wide functions

Finance
HR
Communications

Technology and Business Development
Operational Excellence

Bioeconomy and Health
Digital Systems
Materials and Production
Built Environment
Safety and Transport

Digitalisation
Energy and Bio-Based Economy
Sustainable Cities and Communities
Health and Life Science
Material Transformation
Mobility

Divisions
Business and Innovation Area
The five divisions

<table>
<thead>
<tr>
<th>Division</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bioeconomy and Health</td>
<td>The Bioeconomy and Health division has cutting edge expertise in process engineering, drug development and material and surface design. Our work involves biorefinery value chains and processes for agriculture, food, pulp, paper and packaging.</td>
</tr>
<tr>
<td>Digital Systems</td>
<td>The Digital Systems division operates in electronics, information and communications technology, software development, mobility, system analysis and interaction design. We provide solutions for all sectors, especially in areas involving digitalisation.</td>
</tr>
<tr>
<td>Materials and Production</td>
<td>The Materials and Production division specialises in corrosion, chemistry, biology, medical technology and mechanics. We operate in product, production and material development for textile, polymer, composite, metal and ceramic.</td>
</tr>
<tr>
<td>Built Environment</td>
<td>The Built Environment division brings together expertise in energy, infrastructure, construction and properties, innovation management and system transition for a sustainable society. We also provide certification operations that help companies approach the market.</td>
</tr>
<tr>
<td>Safety and Transport</td>
<td>The Safety and Transport division specialises in reliability, risk and safety in relation to vehicles, the maritime industry, the electrification of transport system and fires. The division has expertise in measurement technology, calibration, inspection and verification.</td>
</tr>
</tbody>
</table>

- Marco Lucisano
- Charlotte Karlsson
- Pernilla Walkenström
- Acting SVP Marco Lucisano
- Paul-Halle Zahl Pedersen
Safety and Transport

Measurement Technology is a national centre for quality-assured measurement technology, metrology. We develop traceable ways of measuring both classic devices and new, more behaviour-related methods in collaboration with business and the rest of society, e.g. measurement sensors in self-driving vehicles, new energy solutions and measurement of health for individuals. RISE Measurement Technology is the Swedish National Metrology Institute (NMI, national measurement centre), which entails responsibility for maintaining metrological traceability in accordance with international agreements.

Fire Technology focuses on fire safety testing/evaluation and inspection of materials and products (TIC), and it carries out internationally leading research in these areas. It is a global operation with a high proportion of international customers, and the organisation is a driving force in the development of international standards and regulations.

Safety Research has wide-ranging activities in the fields of fire, maritime and safety-related research/testing, innovation support and service development. We have extensive experimental resources and are international leaders in the fields of societal safety, fire and risk management, renewable marine energy and maritime operations. We have significant R&D collaboration with industry, academia and government agencies, and the department is growing strongly.

Control and Calibration consists primarily of nationwide activities in the field of inspection, regular checks and calibration. The organisation is accredited, and work is carried out in a competitive market in which we are an independent, impartial actor. We perform checks on scales and fuel meters, and field inspections in areas such as work environment, fire safety and road safety. The department also includes RISE calibration and checking of precious metals.

The Vehicles and Automation Department operates full-scale test beds using leading technology for the automated transport system and its vehicles, electrical drive lines and electromagnetic compatibility and radio for both vehicles and industrial products.

The Electrification and Reliability Department conducts research, evaluation and testing to support the development of a sustainable transport system, with a focus on safety, electrification and automation. The department’s activities also include industrial products with similar needs.