Overall organisation

CEO (Pia Sandvik)

Finance and Business Support (Robert Casselbrant)

HR and Internal Communications (Johanna Flanke)

Business Development and External Relations (Timo van't Hoff)

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

Group-wide functions

Divisions

Business and Innovation Areas
Digitalisation enables great change. As society faces some of its greatest challenges ever, we’ve also never had greater awareness and better opportunities to manage them. We advance data-driven innovation in both industry and the public sector.

We combine expertise in AI, cybersecurity, IoT and advanced sensors with service development and user understanding.

Energy system transformation and a bio-based economy are key for a sustainable transition of both society and industry. We bring together expertise in tomorrow’s energy systems, bioeconomy, industrial energy systems, systems analysis, resource efficiency and service design. In collaboration with our customers, we develop smart power grids, renewable energy sources and biofuels along with new business models for tomorrow’s energy supply and industry.

The cities of tomorrow must be smart, integrated, circular and equipped for a changed climate. We bring together expertise and testbeds in systems innovation, IoT, construction technologies, new energy systems and sustainable infrastructure along with water and sewerage systems and mobility. In collaboration with our customers and partners, we develop solutions that contribute to robust, smart and sustainable cities and communities.

Society’s costs for healthcare and mental illness are rising sharply. At the same time, Sweden aims to retain its leading position in drug development and medical technology. We bring together expertise and testbeds in everything from social impact bonds and welfare technologies to pharmaceutical production and infection control. The goal is healthier people and a competitive Swedish life science sector.

Of all the world’s materials, today only 8.6 per cent are circular. At the same time, CO2 emissions must be reduced significantly. As a result, Sweden needs to take a leading position in the development of value-added and circular materials. We bring together expertise and testbeds in circular business models, lifecycle analysis, materials development, materials ecosystems and the materials production of tomorrow.

Climate change and urbanisation pose new requirements for sustainable and safe transport of both passengers and freight. As vehicles become connected, electrified, self-driving and shared, business models and user behaviours will change right along with them. We bring together expertise and testbeds in everything from mobility systems and ICT to electrification and manufacturing. We also pursue policy and system issues for sustainable mobility.
The five divisions

<table>
<thead>
<tr>
<th>Bioeconomy and Health</th>
<th>Digital Systems</th>
<th>Materials and Production</th>
<th>Built Environment</th>
<th>Safety and Transport</th>
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</thead>
<tbody>
<tr>
<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 products and processes for agriculture, food, pulp, paper and packaging.</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>
<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 and metal.</td>
<td>Within the division and together with our customers, we build the sustainable society through conversion to resource efficiency, climate neutrality and a robust infrastructure. We have expertise in energy, infrastructure, certification, construction and real estate as well as innovation management and system conversion. We work with materials such as wood, glass, cement and concrete.</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>
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Marco Lucisano
Charlotte Karlsson
Pernilla Walkenström
Paul-Halle Zahl Pedersen
Magnus Hallberg
Pernilla Walkenström
Charlotte Karlsson
Marco Lucisano
Paul-Halle Zahl Pedersen
Magnus Hallberg
### Materials and Production

**departments and units**

<table>
<thead>
<tr>
<th>Dep.</th>
<th>Chemistry, Biomaterials and Textiles</th>
<th>Manufacturing Processes</th>
<th>Product Realisation Methodology</th>
<th>Corrosion</th>
<th>Applied Mechanics</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polymeric Materials and Composites</td>
<td>Process Simulation and Manufacturing Technology</td>
<td>Biological Function</td>
<td>Additive Manufacturing</td>
<td>The Environment and Sustainable Chemistry</td>
<td>Product Durability</td>
</tr>
<tr>
<td>Composite Materials and Product Development</td>
<td>Composite Materials and Product Development</td>
<td>Chemical and Biological Safety</td>
<td>Cast Components</td>
<td>Production and Health &amp; Safety</td>
<td>Machine Safety</td>
</tr>
<tr>
<td>Polymeric Products and Service Life Technology</td>
<td>Polymeric Products and Service Life Technology</td>
<td>Material and Product Safety</td>
<td>Component Manufacturing</td>
<td>Product Development and SME Support</td>
<td>Construction and Infrastructure</td>
</tr>
<tr>
<td>Polymeric Materials and Sustainability</td>
<td>Polymeric Materials and Sustainability</td>
<td>Chemical Solutions</td>
<td>Multi-Materials</td>
<td>Infrastructure and Energy</td>
<td>Mechanical Reliability</td>
</tr>
<tr>
<td>Materials, Processes and Recycling</td>
<td>Materials, Processes and Recycling</td>
<td>Textile Materials and Products</td>
<td>Heat Treatment and Surface Technology</td>
<td>IC Brest (France)</td>
<td>Laboratory</td>
</tr>
<tr>
<td>Structural Analysis and Modelling</td>
<td>Structural Analysis and Modelling</td>
<td>Fibre Development</td>
<td></td>
<td>IC Saint Etienne (France)</td>
<td>Transport and Product Safety</td>
</tr>
</tbody>
</table>

**Institutes (IC):**
- IC Brest (France)
- IC Saint Etienne (France)