

HOHENSTEIN
**SUSTAINABILITY
TO THE POINT**

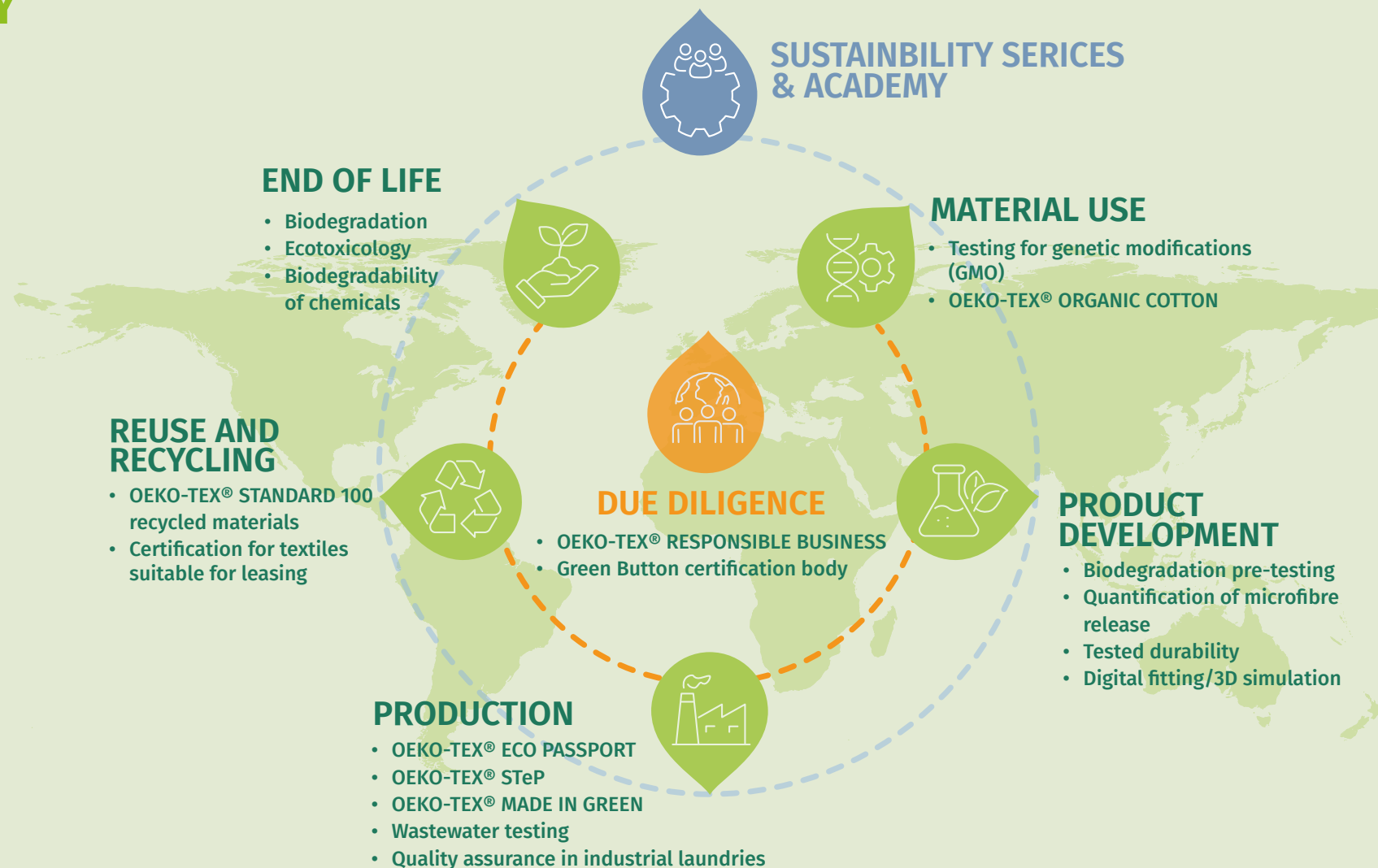
Hohenstein Sustainability Services

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OUR SERVICES FOR YOUR SUSTAINABILITY





INTRODUCTION

The textile industry is changing – and sustainability has long been one of its driving forces. Those who take responsibility today are actively shaping the future. As a brand, retailer or manufacturer, you benefit from our tailored solutions for the key areas of sustainable business. Hohenstein helps you strengthen your product and corporate responsibility in a targeted way. Worldwide, more than 1,500 employees are committed to making products safer, more reliable and more responsible – from testing for harmful substances to audits and solutions for supply chain transparency.

Our testing portfolio covers softlines, hardlines and medical devices. In our Sustainability Development Solutions department, we support our customers with in-depth expertise and practical tools, making sustainability visible along the textile value chain – in the product and in the supply chain. That is how we build trust.



Testing cotton for genetically modified organisms (GMO)

Our test method: Hohenstein tests textile products made from raw cotton for genetically modified organisms (GMO) – accredited and in accordance with the ISO/IWA 32:2019 protocol or the requirements of OEKO-TEX® STANDARD 100. If the screening is positive, the genetically modified cotton lines in the sample can be quantified.

Learn more

Your benefit: Clear yes/no results on whether your cotton is GMO-free. Quantification provides transparency across your supply chains and supports fraud management. Added value for manufacturers, brands and consumer protection organisations.

OEKO-TEX® ORGANIC COTTON

A globally consistent, independent testing and certification system for raw, intermediate and finished textile products containing more than 70% organic cotton. Alongside testing for harmful substances, the focus is on verifying the organic origin of the cotton used and ensuring its traceability throughout the supply chain.

Learn more

Your benefit: With the label, you as a brand, manufacturer or retailer of textile products at any stage of processing can document your responsibility systematically and verifiably, supported by the TextileGenesis™ platform. This strengthens your market position credibly and builds trust among partners and consumers.





Determining microfiber release during washing and in wastewater

Our test method: Hohenstein quantifies fibre release and fibre length distribution using dynamic image analysis (DIA), or measures total shedding gravimetrically by filtration, following the methods of the University of Leeds/The Microfibre Consortium (UoL/TMC) or AATCC TM212.

Your benefit: You develop or source more sustainable materials and know exactly how many microparticles are released during washing. Hohenstein helps you measure shedding, identify fibre-based microparticles and independently verify your own analyses or claims regarding microplastics.

Learn more



Hohenstein Quality Label “Durability”

Our service: Hohenstein recognises everyday clothing that meets particularly high standards of quality and hard-wearing performance. For the label, testing specific to each product group verifies that the quality holds up over 30 wash and dry cycles.



Your benefit: The “Durability” Quality Label makes the longevity of your products transparent, helping consumers make more informed purchasing decisions.

Learn more



Avatars, 3D visualisation and digital fitting

Our service: Hohenstein digitises the material parameters of your fabrics and supplies precise data for realistic 3D simulations in common software systems.

Your benefit: Using 3D technologies in design, product development and product communication makes your processes more efficient, saves resources and shortens time to point of sale. Hohenstein provides targeted support in optimising digital process steps such as 3D design and visualisation, pattern and prototype development, fit testing and the creation of production documentation.

Learn more





OEKO-TEX® STeP

Certification of production facilities according to socio-ecological standards. STeP certification documents your commitment within your production processes and strengthens your company's credibility.



STeP

Your benefit: STeP certification enables manufacturers, brands and retailers to establish and continuously improve environmental management in their manufacturing processes, socially responsible working conditions and occupational safety at the production facilities in their supply chain.

[Learn more](#)



OEKO-TEX® STeP: Focus Impact Calculator

Our service: The Impact Calculator gives OEKO-TEX® STeP certified production facilities a transparent methodology for measuring their carbon dioxide emissions and water consumption – at facility level, per processing step or per 1 kg of material.

Your benefit: The tool helps you determine your greenhouse gas emissions and provides a solid basis for achieving the targets you have set.

[Learn more](#)



Analysis of wastewater in production

Our test method: Hohenstein analyses production wastewater in accordance with international standards or the requirements of initiatives such as ZDHC and OEKO-TEX® STeP/DETOX TO ZERO.

Your benefit: You gain assurance that your production complies with international requirements and industry initiatives. At the same time, Hohenstein helps you minimise discharges of potentially hazardous chemicals and thus produce more sustainably.

[Learn more](#) 



OEKO-TEX® ECO PASSPORT

OEKO-TEX® ECO PASSPORT: A globally consistent, independent testing and certification system for dyes, auxiliaries and other chemicals used in the textile, leather and footwear industries.

Your benefit: A reliable, third-party assessment of your chemicals, enabling you to communicate product stewardship and sustainable practices credibly and market your products successfully.



[Learn more](#) 



OEKO-TEX® STANDARD 100 and LEATHER STANDARD

Globally consistent, independent testing and certification systems for raw, intermediate and finished textile products and for leather articles at all stages of production, including accessories.

Your benefit: Certification is an ideal tool for marketing your textiles credibly. It ensures legally compliant products in all major consumer markets and provides clear, independent proof of product safety tested for harmful substances.

Learn more



OEKO-TEX® STANDARD 100 Recycled Materials

A globally consistent, independent testing and certification system for raw, intermediate and finished textile products made from recycled materials.

Learn more





OEKO-TEX® MADE IN GREEN

Textiles and leather bearing the OEKO-TEX® MADE IN GREEN label are produced more sustainably in socially responsible facilities. The label also assures your customers that the product is traceable and has been tested for harmful substances.

Your benefit: With the MADE IN GREEN label, brands, retailers and manufacturers can show their customers and consumers transparently that they and their suppliers act responsibly – by protecting the environment, respecting the health, safety and human rights of their workers, and ensuring a high level of product safety.

Learn more





Testing and certification for industrial laundries

Our service: Hohenstein offers industrial laundries (textile services) a certification system that assesses sustainability within the business. This includes a qualified survey of sustainability approaches, a training programme and annual audits.

Your benefit: Participating laundries can benchmark themselves against the competition and stand out thanks to their certificate, which also serves as evidence in tenders.

[Learn more](#)





Biodegradability and ecotoxicology

Our test method: Using controlled soil burial, Hohenstein examines how textile products biodegrade over a defined period. The test is based on international standards and shows how materials decompose and which components remain.

Your benefit: For the textile industry, reducing the environmental impact of products at the end of their life is becoming increasingly important. Hohenstein shows you exactly how fibre-based materials break down: how quickly or slowly a product decomposes, what residues remain and whether its constituents could harm the environment (ecotoxicology). With Hohenstein, you can lay the foundations for more responsible material choices.

[Learn more](#)

Testing the biodegradation of chemicals

Our test method: Using the OECD 301 F test, Hohenstein assesses the biodegradability of chemicals in an aerobic aqueous environment. The oxygen consumed by microorganisms while degrading the test substance is measured over 28 days.

Your benefit: The test is a key component of environmental risk assessment. It is used in the chemical industry, in environmental research and in chemicals regulation, and provides a sound basis for responsible decision-making.

[Learn more](#)

OEKO-TEX® RESPONSIBLE BUSINESS

A management tool for efficiently implementing corporate due diligence requirements in the textile and leather industry (Corporate Sustainability Due Diligence Directive, CSDDD).

Your benefit: The tool gives you a fast and reliable way to identify potential risks within your own company and your supply chains. This enables you to prevent or mitigate actual and potential adverse impacts of your own operations and those of your supply chains.



[Learn more](#) 

Green Button (German “Grüner Knopf” Label)

Our service: Hohenstein is a certification body approved by the German Federal Ministry for Economic Cooperation and Development (BMZ). We audit companies and products for compliance with the criteria of the Green Button textile label.



Your benefit: With the Green Button, you can show transparently that your textiles come from responsible companies and meet both social and environmental standards. Particularly valuable: the company as a whole is always audited alongside the product.

[Learn more](#) 



Sustainability Development Solutions

Strategic sustainability development for our customers

Our service: Hohenstein supports you in establishing effective sustainability management. In our Sustainability Development Solutions department, we work in modules: from drawing up a sustainability strategy and pragmatic approaches to implementation in the supply chain through to specialist research and high-profile topics. We also offer webinars and workshops to build and deepen knowledge.

Learn more



Your benefit: You build your sustainability strategy on a solid basis and integrate future requirements in the EU and internationally at an early stage. This allows you to strengthen sustainability within your company in a targeted way and communicate your achievements convincingly and credibly to the outside world.

Our approach: We support you holistically, from the initial analysis through to implementation, drawing on an extensive network of experts.

Our goal: A functioning circular economy, underpinned by durability and supportive regulation.

Strategy
Developing and implementing your sustainability strategy.
Projects: risk analysis, development of circular products

Supply chain
Pragmatic implementation along the textile value chain.
Projects: workshops, stakeholder engagement training

Knowledge
Webinars and workshops for your team and your suppliers.
Projects: product compliance training, materials training

Regulation & compliance
Assessment of current and future requirements for products and companies.
Projects: regulation scan, compliance training (ESPR, DPP, PPWR, etc.)





HOHENSTEIN LABORATORIES



Hohenstein Academy training courses

Our service: Through talks, conferences, workshops and numerous training and continuing professional development events, Hohenstein experts regularly share their knowledge – both in person and online.

Your benefit: You expand your specialist knowledge in a targeted way and benefit from practical insights into current developments in the industry. All training dates and video tutorials are available at www.hohenstein-academy.com.

Further areas of expertise

Hohenstein offers a comprehensive range of services for outstanding textiles. But our work doesn't end there: through research and knowledge sharing, we continually expand our expertise – and yours.

Whether for textiles, hardlines or medical devices – we make quality visible. With tests that have an impact beyond the laboratory, certifications that open doors, and advice that highlights what really matters. Your products should not only meet specifications, but also build trust – with customers, markets and partners.



Textile technology & chemical testing:
Laboratory testing of all kinds of textile products for compliance with legislation, international standards and your in-house quality requirements



Performance:
Assessment of functional properties such as comfort, odour and compression



Occupational clothing:
Testing and certification of personal protective equipment (PPE), workwear and corporate fashion



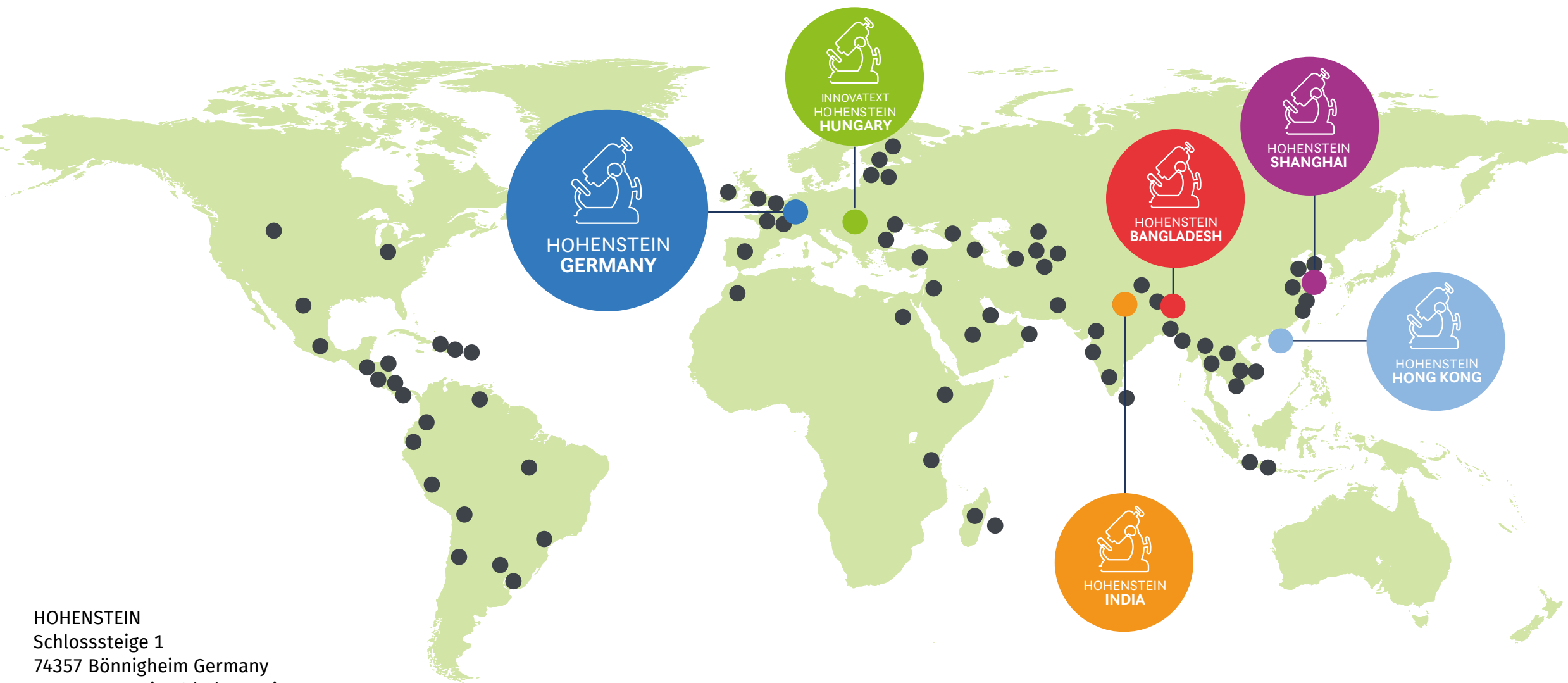
Fit:
Pattern development and fit testing with consultancy and individual project support



Health:
Testing and certification relating to hygiene and textile UV protection



Textile care:
Testing and certification for industrial laundries and domestic textile care



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