Clean mobility and value-added logistics.

The field of specialization “Sustainable and Smart Mobility & Logistics” is generating ground-breaking solutions for the future.
The field of specialization “Sustainable and Smart Mobility & Logistics”.

As part of the process of elaborating the Thuringian Innovation Strategy (RIS3 Thuringia), more than 500 stakeholders from academia, the economy, and intermediary sectors came together to identify the most promising future growth fields that Thuringia has to offer. They concluded that “Sustainable and Smart Mobility & Logistics” is one of Thuringia’s five “fields of innovation” and thus a mainstay of the region’s future economic success.

The mobility-relevant industries of Thuringia, including automotive supply and logistics, are the Free State’s biggest sources of turnover and employment, with positive spillover effects that extend to other economic sectors as well. For example, the huge order volumes placed by the automotive industry serve as a significant support factor for the mechanical engineering and plastics sectors.

The logistics industry, meanwhile, with its custom-tailored solutions, fosters the growth of successful business models in such sectors as medicine, pharmaceuticals or nutrition. Thanks to its specialization profile, Thuringia offers ideal conditions for the development of further innovative solutions in all aspects of this field.

The Working Group.

Thuringian stakeholders are working together closely in an effort to find common solutions to the pressing challenges of our times. The members appointed to the Working Group meet regularly to further develop their field of specialization while generating suitable recommendations for action.

Frank Schnellhardt (eMobilityCity, Innoman GmbH), Working Group Spokesman

Peter Schmuhl (Schmuhl Faserverbundtechnik GmbH & Co KG), Deputy Working Group Spokesman

“The working groups and forums give us the opportunity to advise the Free State of Thuringia on where to place the focus of its research policy and allow us to launch joint project initiatives.”

“The Working Groups and open forums promote collaboration among Thuringian SMEs with the aim of increasing the amount of research done to generate sustainable innovations and create added value.”
Thuringian networks.

automotive thüringen e. V. (at)
Originally founded in 2000 by nine Thuringian companies under the name “Automobilzulieferer Thüringen e.V. (AZT), this network’s membership has comprised well over 100 Thuringian automotive-supply companies for several years now. Other members include universities, universities of applied sciences, research institutes, banks, leasing firms, and other service providers. automotive thüringen e.V. supports its members with regional and trans-regional exchanges of experience in thematic working groups and in product-specific and / or process-specific competence clusters. The network also analyzes companies’ R&D capabilities and proactively fosters technology transfer by drawing upon the resources of local universities and universities of applied sciences as well as the Thuringian Innovation Center for Mobility (ThIMo).

eMobilityCity
Successfully establishing electrical mobility will require experiences from every-day usage to be integrated with new auxiliary technologies and services that support its application. Accordingly, this Thuringian network for electrical mobility bundles all Thuringian stakeholders in this field. Its mission is to master the challenges of implementing "integrated electrical mobility in networked cities" by testing existing products and identifying the available development avenues. Under the slogan “We’re bringing the “e” into the city,” the network is conducting a number of initiatives aimed at specific target groups. These are intended to promote the use of electric vehicles and storage options and to develop new approaches for digitalized mobility concepts of the future. By integrating partners from the Thuringian project consortia Smart City Logistik, sMobiliTy, eTelematik or EMOTIF, the network fulfills its declared mission of serving as a center of competence and innovation for electrical mobility in Thuringia.

Logistik Netzwerk Thüringen e. V. (LNT)
LNT is a cooperative association of specialists from all fields of logistics and serves as a network of competence along the entire supply chain. The association’s mission is to boost Thuringia’s standing as a European distribution hub. To achieve this goal, the network’s members develop needs-based solutions and structures for logistics applications, ones that will be sustainable and viable going forward. This not only benefits the network’s members but also other Thuringian companies active in industry, production or retailing, given that effective (production) logistics are the foundation on which productivity and added value can be realized. LNT also collaborates closely with other industry clusters and networks inside and outside Thuringia, so as to bundle strengths, exploit synergies, and successfully organize joint projects.

Key Target 1
By 2020, Thuringia’s actors (enterprises, intermediaries and institutions of higher learning) are to bring innovations to market that foster smart, safe, energy-efficient, low-emission and resource-conserving mobility in urban, suburban and rural areas, while also providing sustainable turnover and employment.

Key Target 2
As an internationally competitive logistics hub, the Free State is to address its locational potential and challenges by creating sustainable added value, by expanding its value-added logistics sector in targeted fashion, and by applying and managing process solutions in a knowledge-based, innovative, sustainable, resilient and efficient manner.

You, too, can get involved! Visit our forum events or join the discussion on the forums of our online platform:

- Automotive
- Vehicle Communication
- Logistics
- Mobility Concepts

Discussion platform and forum calendars

www.cluster-thueringen.de/mitmachen
Success, made in Thuringia.

Thuringia’s innovative capacity in “Sustainable and Smart Mobility & Logistics” is best evidenced by the many success stories attributable to the regional associations, networks and enterprises active in this field. Here are just a few:

Wiegand GmbH
The history of Wiegand GmbH in Schlotheim – as well as of the family behind it – is an impressive one. Since the re-unification of Germany, the company has consistently pursued innovation so as to grow into an established player in the competitive auto-supply industry, and is also the biggest employer in its region. Besides fabricating complex metal and plastic structural components, moldings, and exterior parts, Wiegand GmbH also boasts its own facilities for the construction of work tools and rigs, as well as equipment serving the application of powder coatings made from a wide range of materials. The company currently has four plants and over 600 employees.

Thüringer Innovationszentrum Mobilität (ThIMo)
ThIMo is the center of competence in Thuringia that bundles the region’s scientific expertise in the field of “sustainable mobility.” The center brings outstanding scientists together while providing access to cutting-edge facilities such as networked laboratory buildings and ultra-modern testing rigs. Thus, the ThIMo provides Thuringian companies with a competitive advantage when it comes to collaborating on specific topics or joint R&D projects. The result: New “unique selling points” for Thuringia that satisfy the evolving demands of the market.

Selected companies

Adam Opel AG Werk Eisenach
AXTHELM + ZUFALL GmbH & Co. KG, Nohra
BLG LOGISTICS GROUP, Eisenach, Erfurt, Kölelda etc.
BMW Fahrzeugtechnik GmbH, Krauthausen/Eisenach
Continental Emitec GmbH, Eisenach
Dachser SE, Logistikzentrum Erfurt
DAKO Systemtechnik & Service GmbH, Jena
Doctor Optics SE, Neustadt an der Orla
FEUER powertrain GmbH & Co. KG, Nordhausen
Hako GmbH, Werk Multicar, Wartershausen
MDC Power GmbH, Kölelda
MITEC Automotive AG, Eisenach
Mubea Fahrwerksfedern GmbH, Werk Weißensee
NIDEC GPM GmbH, Merbelsrod
redcoon Logistics GmbH, Logistikzentrum Erfurt
REGE Motorenteile GmbH (AMTEK-Gruppe), Eisenach
Robert Bosch Fahrzeugelektrik Eisenach GmbH
SCHMUHL FVT GmbH & Co. KG, Rempendorf
Truck-Lite Europe GmbH, Eisenach
Zalando Logistics SE & Co. KG, Logistikzentrum Erfurt

KNV Logistik
The media-logistics centers in Erfurt-Mittelhausen is one of Europe’s largest and most modern. Built at a cost of EUR 150 million as a joint venture between book wholesaler KNV and KNO, a provider of publisher’s fulfillment services, the center can hold up to a million media titles and has been equipped with the latest technology. Here, book & media wholesaling, publisher’s fulfillment and other logistical services are all networked under one roof so as to better meet the changing demands of the book market. Centrally located in Germany and linked in with excellent logistical infrastructure, the center is an ideal base for deliveries to stationary bookstores nationwide as well as for the processing of e-retailers’ online sales transactions.

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