



Clean mobility and value-added logistics.

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



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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.

Specialization profile as defined in the Thuringian Innovation Strategy



Automotive

- › Automotive engineering
- › Power train
- › Chassis
- › Engine, power units
- › Body structure
- › Exterior
- › Interior
- › Electrics/electronics



Mobility, traffic technology & systems

- › Traffic control
- › Intermodality



Logistics

- › Just-in-time consignment warehouse
- › Pre-assembly
- › Delivery of temperature-controlled goods
- › Intermodal transport
- › Distribution warehouses for the food, mail-order and automotive-supply industries

The specialization profile serves as the baseline for implementing the Innovation Strategy and will be fine-tuned over time.

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.



“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.”

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



“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.”

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

The Working Group has defined two key targets for making this vision for the future a reality:

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.

i 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-thuringen.de/mitmachen



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 mo-

bility will require experiences from everyday 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.



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.

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 wholesa-

ling, 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.

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, Kölleda etc.

BMW Fahrzeugtechnik GmbH,
Krauthausen/Eisenach

Continental Emitec GmbH,
Eisenach

Dachser SE, Logistikzentrum Erfurt

DAKO Systemtechnik & Service GmbH,
Jena

Docter Optics SE,
Neustadt an der Orla

FEUER powertrain GmbH & Co. KG,
Nordhausen

Hako GmbH, Werk Multicar,
Waltershausen

MDC Power GmbH, Kölleda

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,
Remptendorf

Truck-Lite Europe GmbH, Eisenach

Zalando Logistics SE & Co. KG,
Logistikzentrum Erfurt



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