



The Thuringian ClusterManagement.

Thuringia works together: with us.



Thuringia is expanding its position as an innovation leader.

Already today, Thuringia numbers among Europe's leading innovators. A carefully planned Regional Innovation Strategy is to further improve the Free State's position. Here, targeted collaboration will optimally translate the growth potential of Thuringia's industries into quantifiable results.

More than 500 stakeholders from academia, the economy, and intermediary sectors came together to identify the most promising fields of innovation for Thuringia and to elaborate a shared vision for the region on this basis.

The result of their efforts is the Thuringian Innovation Strategy "RIS3 Thüringen" with its five fields of innovation, consisting of four fields of specialization and one cross-sectoral priority area. In order to give concrete shape to the Innovation

on Strategy, a Working Group was formed for each field.

The members of the respective Working Group meet regularly in order to define key targets, recommend R&D topics, identify problem areas, and present proposals for specific action.

They are supported in their work by open discussion forums. ThCM coordinates and moderates the implementation of the Innovation Strategy and helps Thuringia's entrepreneurs, researchers, and policymakers collaborate successfully.

The five Thuringian fields of innovation and their respective Working Group.



Industrial production and systems

This Working Group currently has 30 members.

Spokesman: Dr.-Ing. Martin Schilling, 3D-Schilling GmbH
Deputy Spokesman: Prof. Dr. Andreas Tünnermann, Fraunhofer-Institut für Angewandte Optik und Feinmechanik
Contact person at ThCM: Kay Sawatzky



Sustainable and smart mobility & logistics

This Working Group currently has 22 members.

Spokesman: Frank Schnellhardt, eMobilityCity, Innoman GmbH
Deputy Spokesman: Peter Schmuhl, Schmuhl Faserverbundtechnik GmbH & Co KG
Contact person at ThCM: Peer Fidelak



Healthy living and the healthcare sector

This Working Group currently has 24 members.

Spokesman: Eugen Ermantraut, BLINK AG
Deputy Spokesman: Prof. Dr. Jürgen Popp, IPHT
Contact person at ThCM: Dr. Britta Wlotzka



Sustainable energy supply and resource management

This Working Group currently has 22 members.

Spokesman: Prof. Dr. Dirk Westermann, TU Ilmenau FG Elektrische Energieversorgung
Deputy Spokesman: Mirko Jetschny, PV Crystallox Solar Silicon GmbH
Contact person at ThCM: Dr. Michael Bär



ICT, innovative and production-related services

This Working Group currently has 17 members.

Spokesman: Prof. Dr. Karlheinz Brandenburg, Fraunhofer-Institut für Digitale Medientechnologie IDMT
Deputy Spokesman: Thomas Fischer, TecArt GmbH
Contact person at ThCM: Dr. Frank Lindemann

„Collaborations are very important for SMEs. In the Working Groups, we can take a strategic view and build industry connections that are a good fit.“

„The Working Groups represent a new networking format that is already showing excellent results.“



„In the Working Groups, we identify topics relevant for the future and get innovative projects and solutions off the ground.“



The Thuringian ClusterManagement Unit.

Innovative products and processes often come about when large numbers of intelligent individuals and organizations bundle their expertise in a joint effort for which they all share responsibility. There's brainpower aplenty in Thuringia – it's the job of the Thuringian ClusterManagement Unit (ThCM) to assemble it all around one table!

The ThCM promotes collaboration among enterprises, the scientific and research communities while also elaborating the conceptual strategy behind the Thuringian fields of innovation. Thus, ThCM makes a key contribution to Thuringia's future success as a hub of commerce, technology, and innovation.



**The Thuringian
ClusterManagement Unit**

- › Coordinates implementation of the Thuringian Innovation Strategy
- › Initiates, moderates, and steers strategically important projects
- › Commissions analyses and studies
- › Evaluates the development of markets, industries, technologies, and clusters
- › Monitors important grant programs at the German Federal level and EU level
- › Helps clusters and networks to establish international contacts
- › Supports or organizes innovation-oriented events and trade fairs
- › Performs marketing and PR work

i You, too, can benefit from ThCM's know-how and profit by working together with us. Here's what we can offer you:

- › Targeted partner searches using a broad network
- › Direct contact to Thuringian stakeholders from the economy, academia, and politics
- › Direct access to proven and tested technological expertise
- › Flexibly applicable technical knowledge and methodologies in the fields of innovation
- › Interdisciplinary, results-oriented project management
- › Increased publicity / public exposure

Help shape Thuringia's future!

Do you have an innovative project or idea you want to realize with partners from Thuringia? The Thuringian ClusterManagement will be happy to help you find the right connections. You can also get involved online, e.g. on our discussion platform.

 [www.cluster-thueringen.de/mitmachen](mailto:info@cluster-thueringen.de)



ThCM is here to serve you:
Please feel free to make an appointment with us!

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Success, made in Thuringia.

Project work: The pades – partikeldesign thüringen growth core

The association of companies and re- search institutes known as pades – partikeldesign thüringen was launched with the goal of giving a decisive boost to the development of new materials and ma- terial-related technologies in Thuringia. The association’s underlying concept was originally elaborated by Glatt Inge- nieurtechnik GmbH in cooperation with ThCM in spring of 2012. This was in re- sponse to the accelerating demand for

functionalized, highly complex material structures and materials. Manufacturing these in optimal fashion requires an end-to-end process chain in- volving a wide range of technologies. Also required is comprehensive experti- se in many areas – something that an in- dividual SME cannot provide on its own. Thus, 13 companies and four research institutes from the Erfurt-Weimar-Jena triangle decided to join forces in a mo-

derated coordination process that took several months to complete. By 2022, the stakeholders involved intend to coll- ectively become the world’s largest one-stop manufacturer and provider of functionalized particle systems. Their endeavor is being subsidized by the Fe- deral Ministry of Education and Re- search (BMBF) with a grant of over EUR 12.2 million from the “Innovative Regio- nal Growth Cores” program.

Events/trade fairs: Thüringer Forum Mobilität

In 2014, Thüringer Innovationszentrum Mobilität (ThIMo) partnered with ThCM to successfully host the first Thuringi- an Forum for Mobility in Alkersleben. Here, roughly 130 participants were briefed on current developments in the area of mobility, the research results obtained thus far, the latest project ideas, as well as the services available from the ThIMo.

Analyses/studies: Survey of potential given in the nutrition industry

In order to help develop the Thuringian nutrition industry and boost its competi- tiveness, ThCM commissioned AFC Con- sulting Group to perform a detailed ana- lysis of the sector’s potential in October of 2015. The study is to examine both the status quo as well as the innovation potential of the Thuringian nutrition in- dustry against the backdrop of current market trends. This is to then serve as a basis for the targeted development of the sector as an integral component of

the RIS3 field of specialization “Healthy living and the healthcare sector.” Thus, the study was intended to present an ea- sy-to-follow overview of actual condi- tions with regard to R&D activities, in- ternationalization strategies, turnover numbers, skilled-personnel acquisiti- on, as well as various external variables influencing the Thuringian nutrition in- dustry.

Selected Thuringian networks



Image credits: LEG Thüringen
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