

Z-Move 2025: Mobility management for the city of Zwickau

For sustainable and environmentally friendly transport development



As part of the “Z-Move 2025” research project, a mobility management platform was developed for the city of Zwickau that bundles a wide range of mobility data and makes it available as a publicly accessible support tool. The mobility platform enables users to optimize their transportation decisions, discover alternative mobility options, and use them in a targeted manner.

In this way, the platform can contribute to a sustainable and environmentally friendly development of transport in Zwickau. Providers can also tailor their offers to user

needs and improve interfaces between offers. In addition, the platform is to aggregate (mobility) data to serve as a planning basis for the transport infrastructure.

A participation process designed and implemented by bifa was used to design and integrate a wide range of city administration data in a needs-based manner.

What happens next?

The continuation of research projects in municipalities often presents a considerable challenge. >>

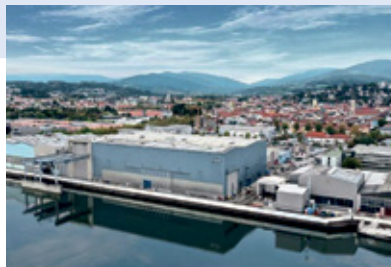
page 2 KLIK – closing event at the Swabian Chamber of Commerce

For SMEs, CSRD will become serious from 2026



page 3 Determination of eco-factors for MAN Energy Solutions

Environmental assessment of the group's production sites



page 4 Making climate resilience tangible – KlAR!

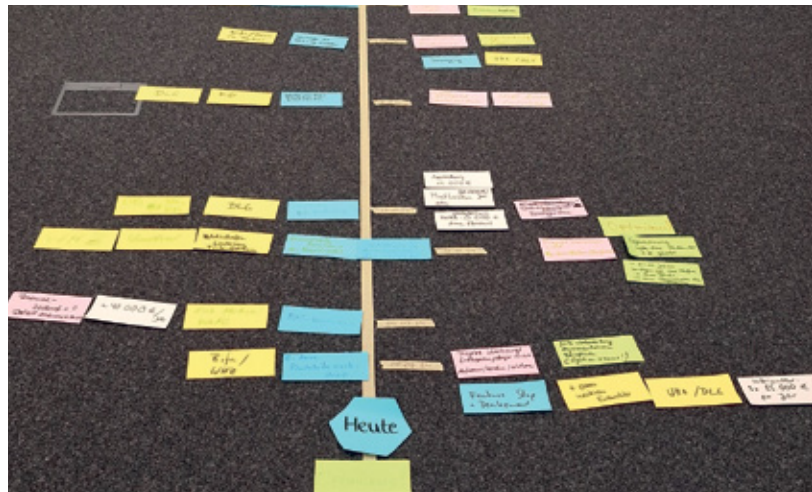
Citizens help shape



>> Frequently, it is limited-term funding that makes the implementation of such projects possible, while after the funding phase there is a lack of long-term structures and resources to permanently integrate the knowledge gained. To meet this challenge, close interlinking of research, practice and politics is essential. Demonstrating the added value of the solutions, planning at an early stage to secure resources and the commitment of all stakeholders involved are crucial to ensure the sustainability and success of projects such as Z-Move 2025 in the long term. Therefore, under the direction of experienced bifa moderators, strategies for continuity were developed in a “roadmap workshop” with experts from the ubineum and representatives of the Zwickau city administration.

Roadmaps: From the goal back to the present

Using the backcasting method, the participants worked their way backwards from an ideal vision of the future to the present. They identified necessary steps, responsibilities, costs, possible obstacles and corresponding solutions. This method enabled the participants to think beyond their usual day-to-day administrative work and develop visionary approaches. The workshop generated creative ideas for long-term implementation and highlighted the importance of interdisciplinary cooperation for sustainable project success.



Workshop at ubineum, Zwickau: Strategy for the continuation of the project

The positive response from participants showed how valuable it is to break out of everyday structures and creatively shape the future of the city. The workshop not only provided added value in terms of expertise, but also offered an inspiring change from the classic work environment.

Contact: Dr. Kerstin Dressel
kdressel@bifa.de

KLIK – closing event at the Swabian Chamber of Commerce

For SMEs, CSRD will become serious from 2026

To strengthen non-financial reporting, the EU Corporate Sustainability Reporting Directive (NFRD) was introduced in 2014 and transposed into German law with the adoption of the CSR Directive Implementation Act.



The current version of the Corporate Sustainability Reporting Directive (CSRD) will have a broader scope and stricter reporting requirements from 2024 onwards, which will also affect many SMEs. In addition to the CSRD, the European Sustainability Reporting Standards (ESRS) were published with Regulation (EU) 2023/2772 of July 31, 2023, which compile the disclosure requirements for data and information that a company is required to report.

Sustainability reporting and corporate financing in focus

On Wednesday, February 26, 2025, the Swabian Chamber of Commerce (IHK Schwaben) and the bifa Umweltinstitut GmbH, together with BF/M-Bayreuth e. V. and the Chair of Finance and Banking at the University of Bayreuth, will be offering an exciting event on the topics of sustainability reporting, climate risks, sustainable finance and lending processes. This event is specifically aimed at SMEs that are interested in learning >>

>> about and implementing the CSRD and the latest developments in the field of ESRS. One highlight of the event is the presentation of a practical guide for SMEs that was developed as part of the BMBF-funded research project "KliK – Klimaberichterstattung bei KMU" (Climate Reporting for SMEs). These guidelines offer practical instructions and strategies for companies to fulfill the requirements of sustainability reporting efficiently and in compliance with the law. Take the oppor-

tunity to experience this valuable tool first hand and ask questions directly to the developers and other experts.

Register now and benefit from practical insights and valuable contacts. For more information, please visit: www.bifa.de

Contact: Dr.-Ing. Fatah Naji
fnaji@bifa.de

Determination of eco-factors for MAN Energy Solutions

bifa prepares an environmental assessment of the group's production sites

MAN Energy Solutions (MAN ES) develops and manufactures large diesel engines, turbomachinery and energy solutions at 12 production sites worldwide for far-reaching decarbonization in the most important sectors of the global economy, such as maritime shipping and stationary applications.

As part of its sustainability efforts, the company wants to further develop the transparent assessment and ecological control of the group's production. To this end, bifa determined eco-factors for the 12 MAN ES production sites, which can be used to assess the sites' emissions, waste and resource consumption. Eco-factors enable a quantitative assessment of environmental impacts based on the "method of ecological scarcity" and the "impact points method" used in the VW Group. An eco-factor is determined for each country or region and expresses how far the ecosystem there is from the sustainability limit as a result of resource extraction or emissions.

Determining the "MAN Eco-Points" allows the company to analyze its production sites in an environmentally friendly way that takes country-specific circumstances



Production site Deggendorf

into account, makes environmental aspects comparable, and thus allows different aggregation levels of the evaluation.

Contact: Thorsten Pitschke
tpitschke@bifa.de

KURZ INFORMIERT

VERANSTALTUNG

ICARUS – Supply chain and markets workshop postponed

In the EU Horizon project ICARUS, 17 partners under the coordination of SINTEF, Norway, are working on eco-efficient refining routes for secondary raw materials from the production of silicon blocks and wafers in order to open them up for demanding and high-quality markets.

Contents of the workshop

What are the target markets? What are the strengths, weaknesses, opportunities and risks associated with these markets? What works well within the individual supply chains? What are the challenges? What added value will this project create for the participants and Europe?



Network event on waste prevention

Waste prevention: a vision possible... with suitable measures

The Baden-Württemberg Ministry of the Environment, Climate and the Energy Sector commissioned bifa to carry out the project "Waste Prevention in Baden-Württemberg", in which successful waste prevention measures were discussed and developed in a multi-stage dialog process.

In this way, waste prevention is to be transformed from an idea to a feasible task. As announced at the closing event "Waste Prevention – Vision Possible" in March 2023, the results were summarized in the brochure of the same name.

A network for waste prevention in Baden-Württemberg

In addition to the brochure, the establishment of the "Waste Prevention" network is a central result of the project, which will kick off in Stuttgart on November 12, 2024 and will be accompanied and moderated by bifa.

With this network, the Baden-Württemberg Ministry of the Environment wants to offer a platform for exchanging ideas on the subject of waste avoidance with various stakeholders from municipal waste management and industry, for supporting each other and for creating new

The brochure is available for download at <https://um.baden-wuerttemberg.de/de/presse-service/publications>.

opportunities for cooperation. The aim of the network is to hold two meetings a year to address topics that are based on your needs.

Contact: Dr.-Ing. Fatah Naji
fnaji@bifa.de

Making climate resilience tangible – KlaR!

Citizens help shape

With the "KlaR: Climate Adaptation Regensburg – Making Resilience Tangible" project, bifa is pursuing the research objective of making climate adaptation visible and tangible for the residents, in cooperation with and using the example of the city of Regensburg.

As part of a diverse participatory process, possibilities for climate-resilient urban development are being examined together with the urban society. For this purpose, two squares, Augustinerplatz and Alter Kornmarkt, were selected in the research project funded by the Federal Ministry for the Environment, Nature Conservation and Nuclear Safety, in order to explore the potential for climate adaptation in the old town using these as examples.

A workshop process is currently underway, which began with a summer workshop and a citizens' survey in July. Citizens are being given the opportunity to develop

ideas for redesigning the squares – models are being built and ideas tested creatively and constructively, for example using the LEGO® Serious Play® method. Selected ideas are to be implemented in the squares as temporary pilot adaptation measures in the further course of the project.

Contact: Dr. Kerstin Dressel
kdressel@bifa.de

