



Our services

- Identifying innovation and growth potential



- Networking and developing cooperation projects



- Promoting knowledge and technology transfer

- Cluster internationalisation

- Identifying and developing synergies with other clusters

- Securing and developing of qualified workforce

- Active cluster marketing



The plastics and chemical industries are changing. Sustainability is one of the tasks that the Cluster Plastics and Chemistry has taken on. Many companies and institutions are already facing up to this challenge. This is why sustainability has been anchored in the new master plan as the general principle for Brandenburg's plastics and chemical industry and why it is seen as an opportunity for improving the cluster players' ability to innovate and remain competitive.

Jürgen Fuchs

Cluster Spokesperson Plastics and Chemistry Brandenburg

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INNOVATIVE CIRCULAR ECONOMY AND SUSTAINABLE DEVELOPMENT

The Cluster Plastics and Chemistry in the Berlin-Brandenburg Capital Region

Cluster Plastics and Chemistry

Plastics and chemistry are two industrial branches in Brandenburg with regional and national impact. As suppliers for numerous industries in both Germany and abroad, the companies of the cluster contribute to the global value creation network with their products and services.

With their mixture of medium-sized and major companies, the chemistry and industrial estates in Schwedt/Oder, Premnitz, Guben, Schwarze Pumpe and Schwarzeheide as well as those in Prignitz and Ruppiner Land are also important here.

The Cluster Plastics and Chemistry supports and strengthens links between business and science, networks and associations, chambers, policymakers and public administration in Brandenburg. In this role, the cluster management listens, guides, and provides stimuli with the goal of actively supporting all partners and of securing and further developing the regional economy's ability to innovate and remain competitive.



Economic Development Agency | **Brandenburg**

THE GERMAN CAPITAL REGION
 excellence in plastics & chemistry

Cluster fields of action



Sustainable plastics industry

- Establishing a circular economy for plastic materials
- Biopolymers
- Function integration
- Additive manufacturing
- Digitalising production and distribution processes



SUSTAINABLE

Securing skilled workers for plastics and chemistry

- Career and study guidance
- Initial and continuing vocational education and training
- University education
- Training management personnel



PRACTICE-ORIENTED

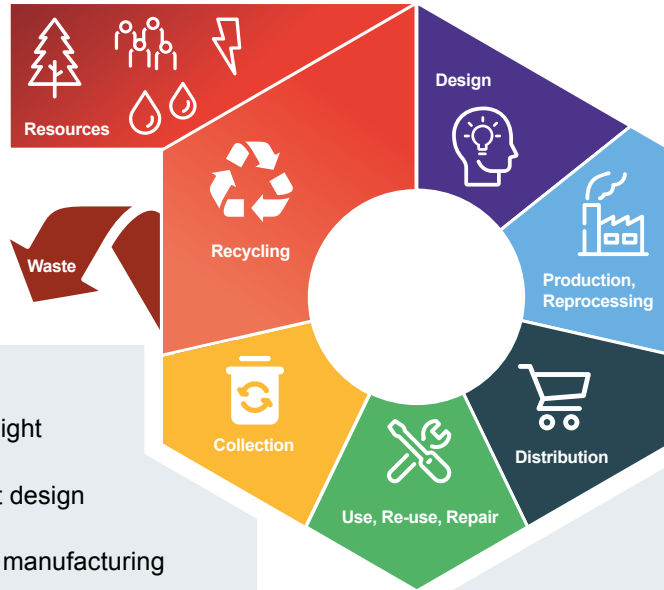
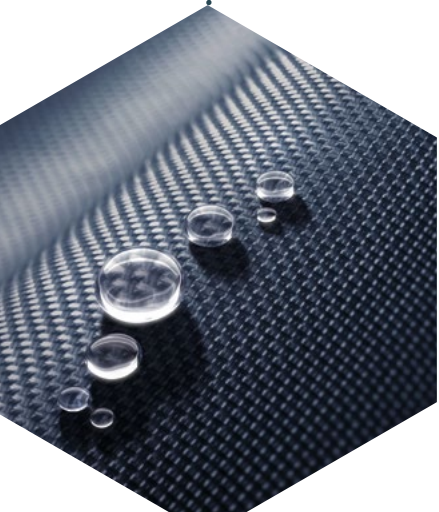


Sustainable speciality chemicals

- Expanding bio-based value creation systems
- Further developing process technologies and biotechnologies, utilising interface processes and catalysis
- Battery chemicals and electrochemical conversion
- Chemical engineering for thermal energy storage materials
- Digitalising production and distribution processes



INNOVATIVE



Plastics processing and lightweight construction technologies

- Developing sustainable lightweight construction materials
- Function-integrative lightweight design
- Multi-material design
- Economic and energy-efficient manufacturing technologies
- Additive manufacturing
- Reusing and recycling
- Material characterisation and material models of lightweight construction materials and semi-finished products
- Lightweight design in the construction industry
- Digitalising production and distribution processes



FORWARD-THINKING

Locations and logistics for plastics and chemistry

- Funding the further development of plastics and chemistry locations
- Internationalising to support location development
- Improving logistic links for the locations
- Brandenburg's location advantages for the economic use of renewable energies



CONNECTED

Markets and technologies

- Identifying and exploring topics of the future via market observation and technology analysis
- Identifying cross-cluster potential
- Communicating the cluster's potential for providing solutions to questions of sustainability



LEADING THE WAY

