

BioEconomy Cluster Members

The BioEconomy Cluster links relevant economic sectors such as the wood and forestry industry, timber construction, the paper, chemical, plastics and processing industries, the energy sector as well as mechanical and plant engineering:

Companies (as of 05/2018): ante-holz, Barit Kunstharz und Belag-technik, BCNP, bse Engineering Leipzig, BYK Kometra, C3 Technologies, CompraXX, DOMO Caproleuna, Eurocoatings, eutec Ingenieure, EW Biotech, FHS Forsttechnik, Folienwerk Wolfen, GNS, Global Bioenergies Deutschland, Green Sugar, Hennecke, Homanit Building Materials, InfraLeuna, Infra Zeitz Servicegesellschaft, Knauf Gips, Kronospan, La Mont, State Forestry Department Saxony-Anhalt South, MINT Engineering, OM Maschinenbau, ORmatic, ö_konzept communications agency, PFAHL Systemtechnik, PLATON SOLUTIONS, PNO Consultants, Pollmeier Furnierwerkstoffe, RKW Saxony-Anhalt, Schüco International, SunCoal Industries, Taminco Germany, Tecnar, timura Holzmanufaktur, Tyroller Hydraulik, Universalbeton Heringen, UPM, Ventury Energieanlagen, WABIO Technologies, Würth, Zellstoff Stendal

Research and Education (as of 05/2018): BAL Bildungs- und Beteiligungsgesellschaft, cings network, DBFZ Deutsches Biomasseforschungszentrum, enficos 3D-network, Fraunhofer CBP, Fraunhofer IAP, Fraunhofer IFF, Fraunhofer IMWS, Fraunhofer UMSICHT, Fraunhofer WKI, Georg-August-University Göttingen (wood biology and timber products), Helmholtz Center for Environmental Research (UFZ), Anhalt University (applied life sciences and process engineering), Rosenheim University of Applied Sciences (Wood engineering and timber construction), Institute of Wood Technology Dresden (IHD), Martin-Luther-University Halle-Wittenberg, Network for Energy & Environmental Technology (NEU e.V.), Polykum e.V., Smile Selbstmanagement-Initiative Leipzig (Universität Leipzig), City of Halle, Technical University of Dresden (Institute of steel and timber construction)

Shape Your Bio-based Future!

Whether in the area of services, R&D cooperation, settlement or professional exchanges - collaborating in the internationally connected BioEconomy Cluster offers you a variety of contact points:

An up-to-date list of members and further information can be found at:

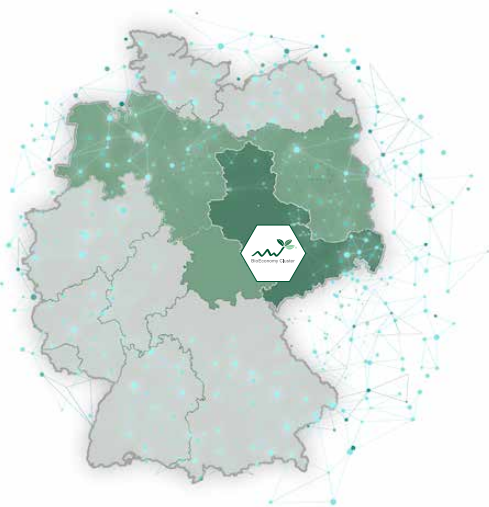
www.bioeconomy.de

Efficiency and Innovation in the BioEconomy Cluster

The cluster offers its members and partners a wide range of opportunities for cooperation, project initiation and coordination as well as the use of infrastructure. You too can grow with us in the biobased sector.

Benefit from:

- ✓ Knowledge and technology transfer
- ✓ Regional, national and international R&D partnerships
- ✓ Support in business development for biobased products and business models
- ✓ Accompaniment of spin-offs and startups
- ✓ Support in process scaling
- ✓ Project and funding consultation
- ✓ Access to political decision-makers at state, national or European levels



Model Bioeconomy Region for Europe

The cluster region (Saxony-Anhalt as the core region plus Saxony, Brandenburg, Thuringia and Lower Saxony) stands for:

- ✓ A high availability of bio-based raw materials
- ✓ A unique network of the core industries of wood, chemicals and plastics
- ✓ The site of relevant research institutes with labs, pilot plants and demonstration plants
- ✓ Efficient industrial parks and major chemical sites
- ✓ Pool of potential skilled workers through universities/vocational training

biomass

technology

products

bioeconomy



The BioEconomy Cluster is organized into BioEconomy e.V. (Saxony-Anhalt) and BCM BioEconomy Cluster Management GmbH.

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The biobased future
begins with us

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The Cluster Vision

From fossil resources to a sustainable bioeconomy

The bioeconomy is a key topic of the future that will lead to global independence from fossil resources and decisively counteract climate change by means of a neutral CO₂ balance. The challenge is to establish across all industries a sustainable and competitive economy based on renewable raw materials. The BioEconomy Cluster has at its disposal a vast portfolio of R&D infrastructure on laboratory, pilot plant and demonstration plant scales. We are the central point of contact for the implementation of bio-based ideas and products.

BioEconomy Cluster - Key Data

Founded in 2012, the BioEconomy Cluster was one of the winners of the Leading-Edge Cluster Competition of the Federal Ministry of Education and Research (BMBF) in Germany.

Between 2012 and 2017 alone, a total of 80 million euros (50 % of which was provided by industry) was invested in research and in implementing the bioeconomy within the framework of leading-edge cluster funding. Intensive work was carried out in 45 joint projects with approx. 150 sub-projects. The cluster also initiates, coordinates and supports a wide range of R&D&I projects through funding programs such as KMU NETC, ZIM and H2020.

The state of Saxony-Anhalt is funding BioEconomy e.V. as an innovation cluster until 2026. The cluster also receives internationalization support from the BMBF. Particularly noteworthy is the establishment of the European Intercluster 3Bi, which has connected the bioeconomy in France (IAR), England (BioVale), the Netherlands (Biobased Delta) and Germany since 2015.

www.3bi-intercluster.org

BioEconomy Cluster – the Team

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Strategic Approach

Value creation from non-food biomass

Cluster activities focus on renewable, non-food relevant raw materials for innovative timber construction, bio-based composites, lightweight automotive construction, packaging, plastics and fine and specialty chemicals, as well as bioenergy at the end of the energy recovery chain.

Coupled production and the cascade use of residual materials extends value chains and optimally uses biomass. The networking of different economic sectors (e.g. wood and forestry, the chemical industry, the plastics processing industry and plant construction) as well as a central approach to process scaling ensure the security of raw material supplies and the accelerated development of processes from laboratory to industrial scale.

