

ACCESS TO THE LIFE SCIENCE LANDSCAPE FOR PARTNERING IN RESEARCH & DEVELOPMENT

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Dr. Sandra M. Bütow
Senior Manager
Chemicals & Healthcare
www.gtai.com

Facts & Figures - Life Science in Germany



BioTech € 6.5 bln

Facts & Figures - Life Science in Germany



MedTech € 25 bln

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Pharma € 29 bln

Facts & Figures - Life Science in Germany



Source: Vfa Bio 2014, Spectaris 2014, BPI 2014, Markus Database 2015; Souce Fotos: Bioech: ,©Gernot Krautberger - Fotolia.com; MedTech:© pfm - Produkte für die Medizin AG/BVMed Bilderpool; Pharma:© nikesidoroff - Fotolia.de

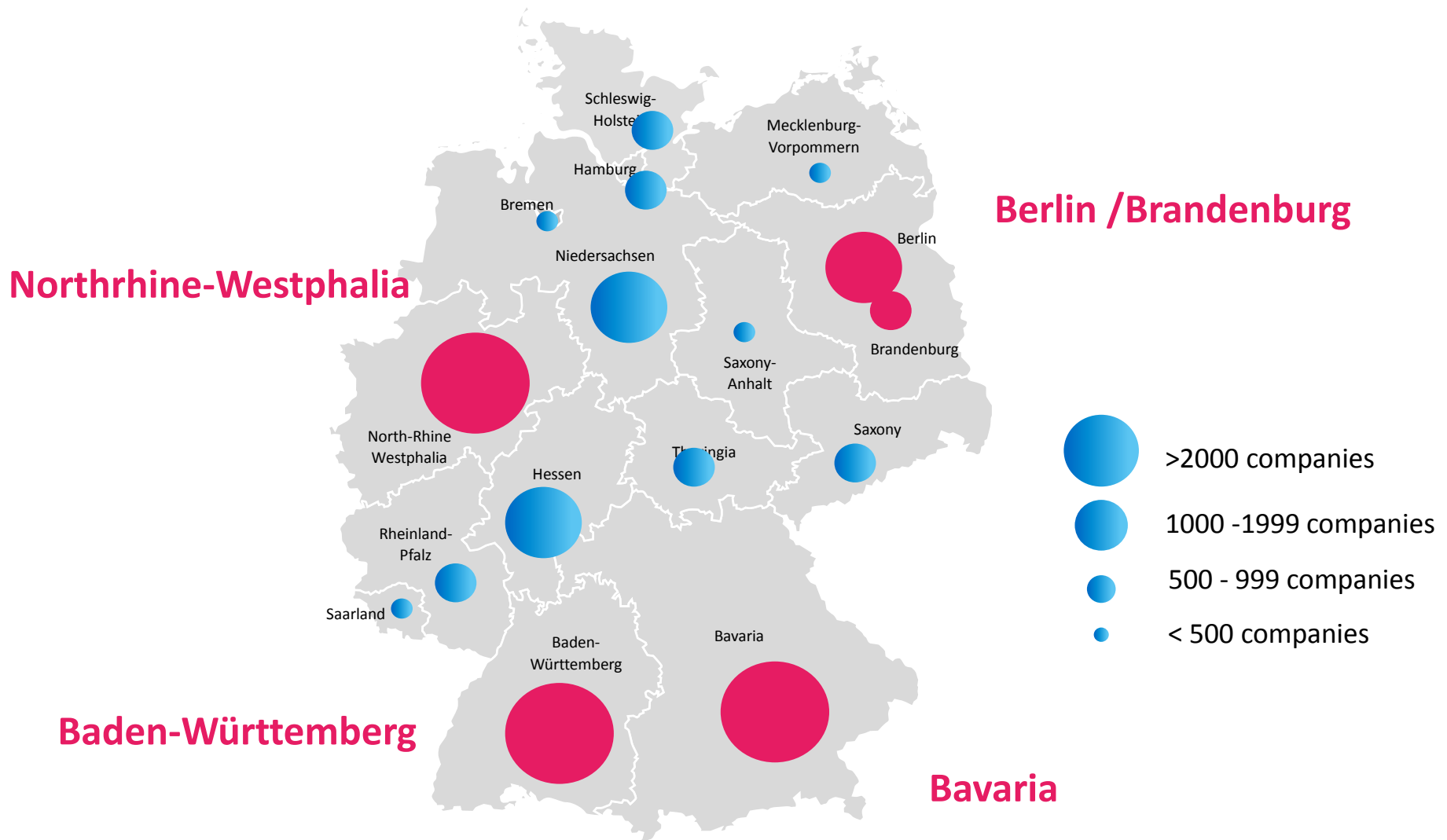
Facts & Figures - Life Science in Germany



17,246 companies

Facts & Figures - Life Science in Germany

Life Science companies by federal states



Facts & Figures – Life Science in Germany

Biotechnology in Germany

Dedicated biotechnology companies* (2015)

Sales	3.28 B €
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R&D expenditure	1.04 B €
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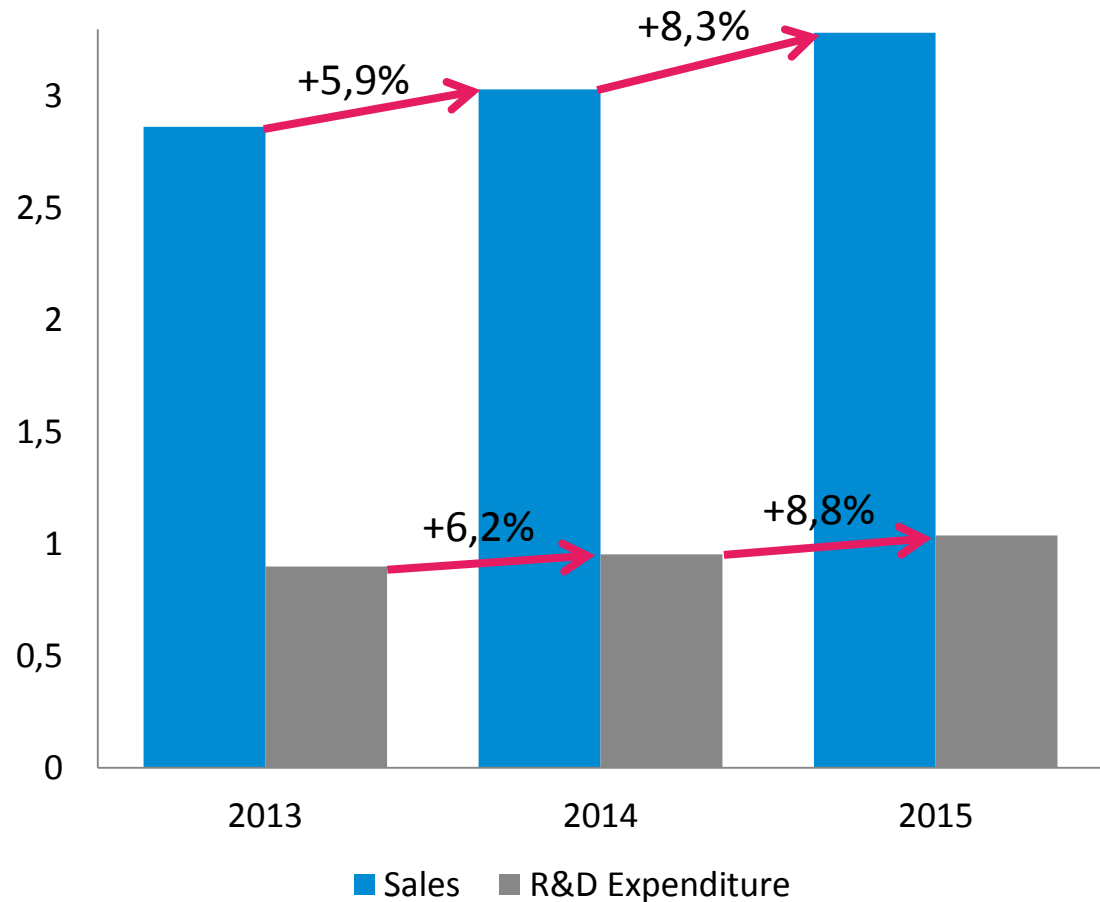
Source: www.biotechnology.de

*Definition by OECD

Facts & Figures – Life Science in Germany

Biotechnology in Germany

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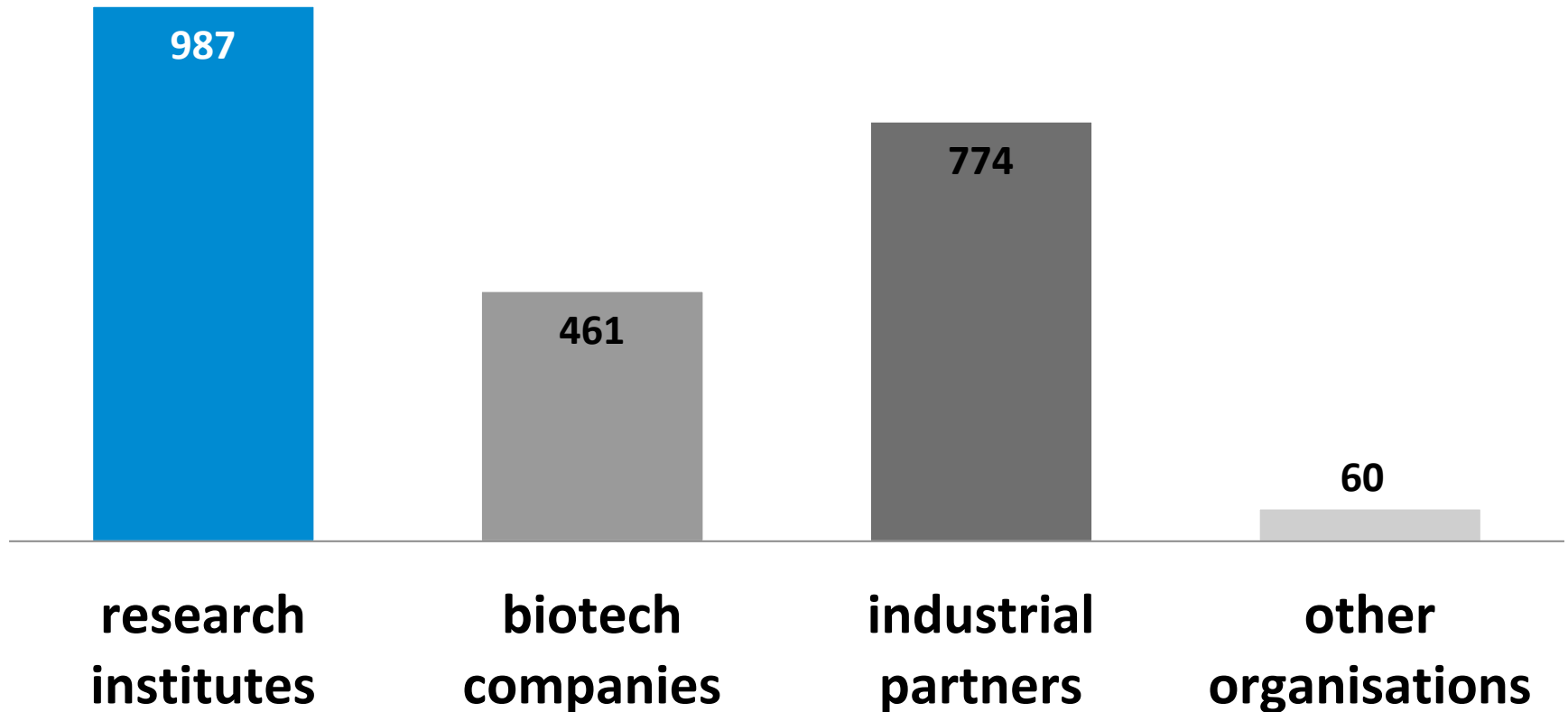


Source: www.biotechnology.de

*Definition by OECD

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Cooperation partners of dedicated biotechnology companies*



*Definition by OECD; Survey of 231 companies 2013

Source: www.biotechnology.de

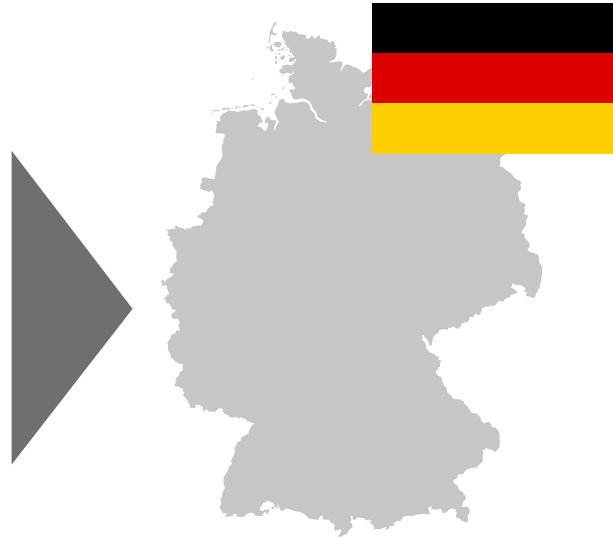
Funding in Life Sciences

A large number of funding programs on various levels are available.



Europe

Horizon 2020



Germany

ZIM (BMW*i*)
The Central Innovation
Programme for SMEs



Federal States

Pro FIT (Berlin)
Programm zur Förderung
von Forschung,
Innovationen
und Technologien

Source: www.pixabay.com

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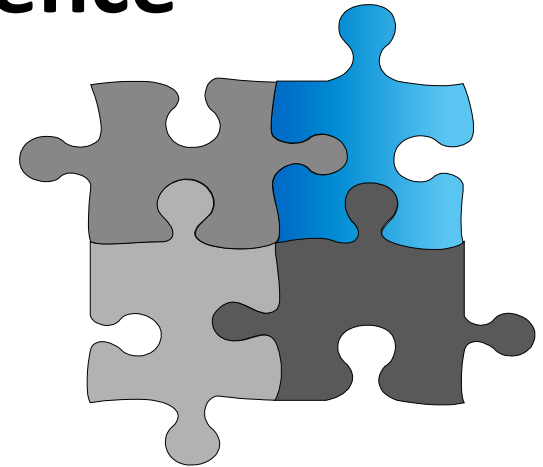
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How can I get access to the German life sciences landscape?



German Life Science Clusters

More than **30** specialized cluster networks focusing on life sciences and enable the access to the German life science landscape.



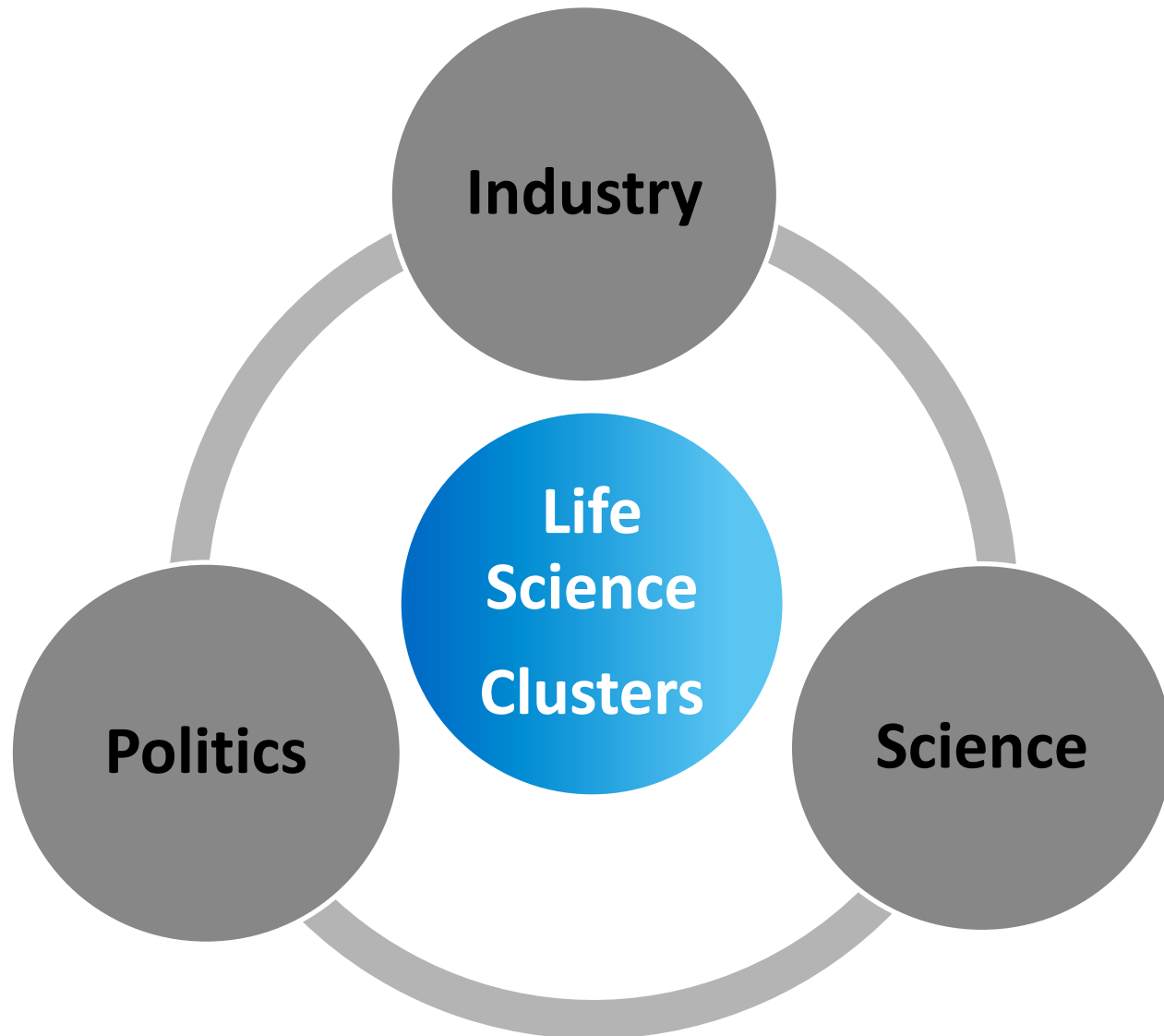
German Life Science Clusters



More than 30 specialized cluster networks focusing on life sciences.

German Life Science Clusters

The three pillars of the biotechnology clusters.



German Life Science Clusters

The cluster provide a wide range of services.




German Life Science Clusters

FACT SHEET

Biotechnology Clusters in Germany

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GTAI GERMANY TRADE & INVEST



Germany's biotech industry is thriving. Revenue, jobs and funding have grown for the fourth year in a row. A major success factor is the close cooperation between biotech companies, research institutes, technology parks, and political players – coordinated by Germany's biotech clusters.

In 2015 the total number of biotechnology companies in Germany increased to 726, employing more than 39,000 people – a new high. Dedicated biotechnology companies generated a record EUR 3.28 billion in revenue while spending more than EUR 1 billion on the development of new products. The excellent R&D environment in Germany, backed by comprehensive funding options, contributed to the high R&D spend.

Every year companies participate in thousands of research projects with other partners from industry and science institutes, emphasizing Germany's reputation as one of the best environments for biotechnology worldwide. Along the entire value chain – from R&D through scale-up and production to sales and marketing – Germany is known for its outstanding capabilities, resources, and infrastructure.


The "BioRegions" are regional initiatives for the advancement of modern biotechnology in Germany. Over the past three decades, these biotechnology clusters have developed to become Europe's leading R&D hubs. Each region specializes in particular areas and facilitates collaboration between universities, R&D institutes and private sector companies. Around 30 BioRegions are active members of AK Bioregio ("Council of German BioRegions" – www.biodeutschland.org), whose goal is to advance the German biotechnology sector by coordinating and promoting local activities. AK Bioregio advances the exchange between regional initiatives and relays its expertise to political decision makers.

Investors benefit from easy access to networks and funding for research projects. The BioRegions also include technology parks tailored to the specific needs of biotechnology companies. Commonly known as "BioParks", these centers offer an ideal infrastructure – including lab space and clean rooms – as well as a range of services for both start-up and well-established companies. Investors benefit from easy access to networks and funding for research projects. The "BioRegions" also include technology parks tailored to the specific needs of biotechnology companies.

"BioRegions" and "BioParks" are a vital part of Germany's ambitious cluster policy to make the appropriate infrastructure and platforms available to support lead markets and technologies for the twenty-first century.

For specific R&D capabilities, partners and funding options visit: www.gtai.com/biotech

Dedicated biotechnology companies – revenue and R&D expenditure in EUR billion



Year	R&D expenditure (EUR billion)	Revenue (EUR billion)
2012	0.93	2.90
2013	0.90	2.86
2014	0.95	3.03
2015	1.04	3.28

Source: BIOCOM AG 2016

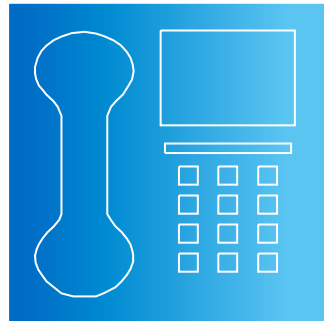
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Contact

Dr. Sandra M. Bütow

Friedrichstraße 60

10117 Berlin

T +49 (0)30 200 099-604

sandra.buetow@gtai.com www.gtai.com

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