

Bioeconomy initiatives Trinational Region Basel

The trinational Basel metropolitan region (SUI, FRA, GER) is a leading center of biotechnology, driven by its strong life sciences, pharma and chemical technology sectors. With numerous renowned research institutions and a rich ecosystem of companies, networks and associations conducting cutting-edge research and development, the region excels especially in biopharmaceuticals, synthetic biology, food- and agrotech as well as sustainable chemicals. Basel aims to expand its role as a global bioeconomy hub by fostering innovation, supporting green technologies, and strengthening industry-academia collaboration. Future plans include advancing sustainable biomanufacturing, reducing environmental impact, and enhancing bio-based value chains.

With a strong degree of international workforce and multilingual ecosystem as well as active international outreach Basel area has a strong ecosystem and ambition to continue driving the transition toward a more sustainable and knowledge-based economy.



Gefördert durch:
 Bundesministerium
für Wirtschaft
und Klimaschutz

aufgrund eines Beschlusses
des Deutschen Bundestages

Expertise & Competences

BIORESOURCES	FOOD AND FEED	BIO-BASED MATERIALS	BIO-BASED MOLECULES AND RELATED PROCESSES	BIOENERGIES
Agriculture, Wood, Biowaste	Food biotechnology, Alternative proteins	Bio-based construction, Wood and timber processing, Paper and pulping, Biobased plastics	Biotechnology, therapeutic industry, chemical industry, fermentation	Bioenergy

Metropolitan region Basel



Networks & Clusters

Research & Development

FMI Biomedical Research	Biozentrum, University of Basel	Pharmaceutical Dpt. University of Basel	FHNW School of Life Sciences
A world class biomedical institute based in Basel	One of the leading life sciences institutes in the world	A world class pharmaceutical research institute	Health care research, development of resource-saving technologies
fmi.ch	biozentrum.unibas.ch	pharma.unibas.ch	fhnw.ch

Cluster / Ecosystem

BioValley Basel	Agroscope	Life Sciences Cluster Basel
One of the three tri-national associations of BioValley (CH/FR/GER) - the leading life sciences hub of Europe	Agroscope is the Swiss centre of excellence for research into nutrition and agriculture	Promotes exchange of organizations and companies along the value chain, politics, administr. and public
biovalley.ch	agroscope.admin.ch	lifesciencesbasel.com

Industry Association

scienceindustries Switzerland	Swiss Biotech Association
Business association for chemistry, pharma and life sciences in Switzerland	Central association and representation of the Swiss biotech industry
scienceindustries.ch/	swissbiotech.org/

Basic Data

Inhabitants	1.300.000	2023
BE employees	20.000	2023
BE annual turnover	7.3 bn CHF	2023

Characteristics / Profile

- Key industries: life sciences, therapeutical, biotechnological, pharmaceutical industry
- Europe's largest pharmaceutical producer
- BioValley Basel is expanding ist networking Germany and France
- Pharma: Roche Holding AG, Novartis, Bayer AG, Weleda, Sandoz Group AG, BASF Schweiz AG, Eumedica Pharmaceuticals AG, DSM Firmenich
- Agriculture & Food technology: Jungbunzlauer Suisse AG, Syngenta
- Biomaterials/packaging: KUORI; Mycrobez

Further information

BASELAUNCH
Founding & Funding Ecosystem
<https://baselaunch.ch>

BioRegio Freiburg as partner within the tri-national Life Science network BioValley
biotechpark.de/en/bioregion-freiburg-biovalley

Info-Sheet Bioeconomy Switzerland (DE)
infraconsult.ch/wp-content/uploads/2020/06/Info-Sheet-Bio%C3%B6konomie-Schweiz.pdf

Basel Area - Life Sciences in Basel Area
<https://invest.baselarea.swiss/industries-technologies/life-sciences/>

Basel Area remains the 1. Swiss biotech hotspot
<https://infraconsult.ch/wp-content/uploads/2020/06/Info-Sheet-Bio%C3%B6konomie-Schweiz.pdf>

Swiss Biotech Directory 2024
<https://www.swissbiotech.org/wp-content/uploads/2024/04/Swiss-Biotech-Directory-2024.pdf>

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