



## Berlin, Germany

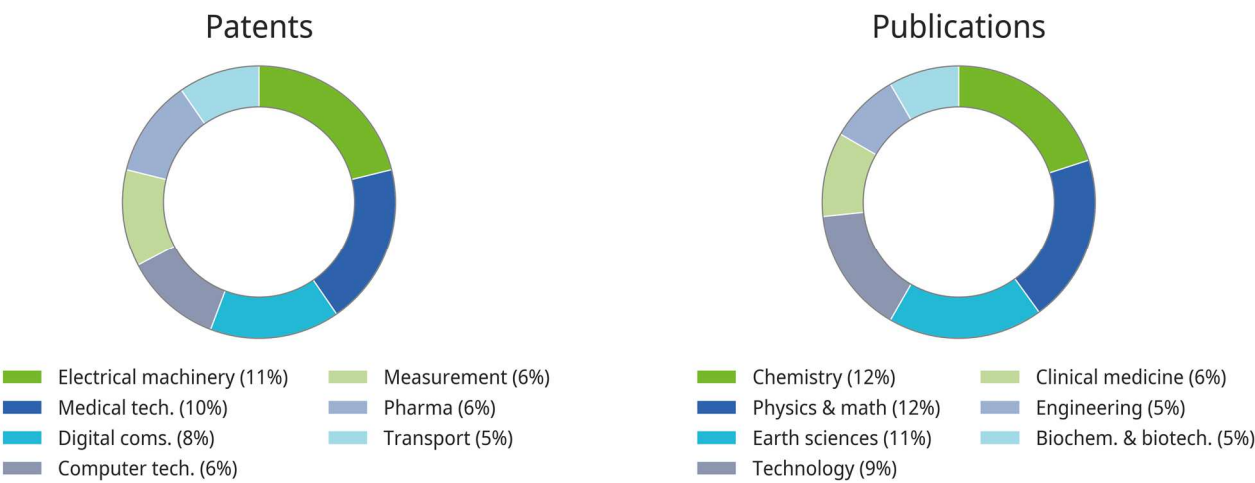
Berlin is the fourth-ranked cluster, out of 9 German clusters, that falls within the top 100 S&T clusters in 2023. It filed **848 PCT applications** and published **7,126 scientific articles**, both per 1 million inhabitants over the last five years, making it the:

**43<sup>rd</sup>** largest science and technology cluster in 2023 (down one spot from 2022)

**49<sup>th</sup>** S&T cluster by intensity (relative to population density) in 2023 (up two spots from 2022)

Top PCT applicants			Top publishing organizations		
		Patents    Share			Articles    Share
1	Siemens	397    11%	1	Humboldt University of Berlin	7,236    24%
2	Fraunhofer-Gesellschaft	327    9%	2	Technical University of Berlin	3,471    11%
3	Bayer	148    4%	3	Free University of Berlin	3,398    11%

### Top technology fields in Berlin



**31%** of Berlin's PCT patent applications are filed in collaboration with other inventors, with **Cologne**, **Munich** and **Frankfurt am Main** emerging as the top collaborative locations.

**72%** of Berlin's scientific articles are published in collaboration with other organizations, with the top three collaborating locations being **Cologne**, **Munich** and **Heidelberg-Mannheim**.