



Stuttgart, Germany

Stuttgart is the third-ranked cluster, out of 9 German clusters, that falls within the top 100 S&T clusters in 2023. It filed **2,923 PCT applications** and published **4,655 scientific articles**, both per 1 million inhabitants over the last five years, making it the:

29th largest science and technology cluster in 2023 (down one spot from 2022)

22nd S&T cluster by intensity (relative to population density) in 2023 (up two spots from 2022)

Top PCT applicants

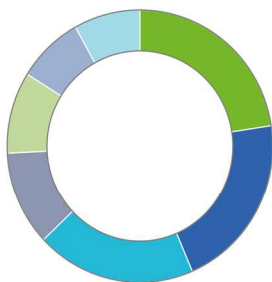
		Patents	Share
1	Robert Bosch	4,228	45%
2	Daimler	461	5%
3	Valeo Schalter Und Sensoren	284	3%

Top publishing organizations

		Articles	Share
1	Eberhard Karls University of Tübingen	4,312	29%
2	University of Stuttgart	3,432	23%
3	University Hohenheim	1,611	11%

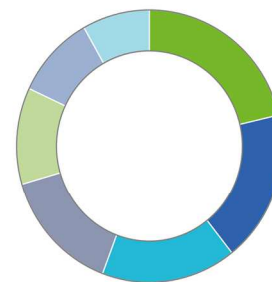
Top technology fields in Stuttgart

Patents



Electrical machinery (14%)	Machine tools (6%)
Transport (13%)	Mechanical elements (5%)
Measurement (12%)	Computer tech. (5%)
Engines (7%)	

Publications



Chemistry (13%)	Biochem. & biotech. (7%)
Physics & math (11%)	Applied biology (6%)
Engineering (10%)	Fundamental biology (5%)
Technology (9%)	

19% of Stuttgart's PCT patent applications are filed in collaboration with other inventors, with **Karlsruhe**, **Munich** and **Cologne** emerging as the top collaborative locations.

69% of Stuttgart's scientific articles are published in collaboration with other organizations, with the top three collaborating locations being **Cologne**, **Munich** and **Berlin**.