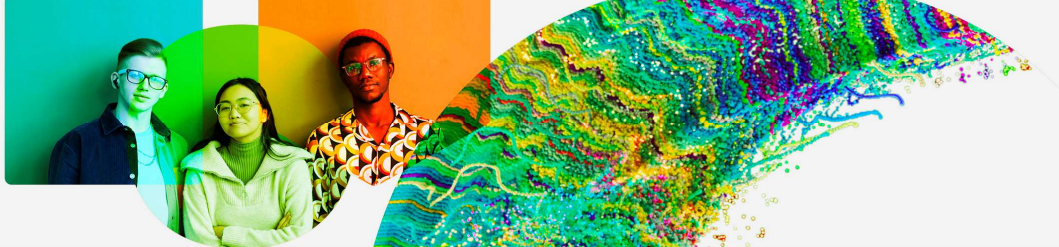


Global Innovation Index 2024

Madrid, Spain



Madrid is the top-ranked cluster, out of 2 Spanish clusters, that falls within the top 100 S&T clusters in 2024. It filed **254 PCT applications** and published **6,055 scientific articles**, both per 1 million inhabitants over the last five years, making it the:

48th largest science and technology cluster in 2024

80th S&T cluster by intensity (relative to population density) in 2024

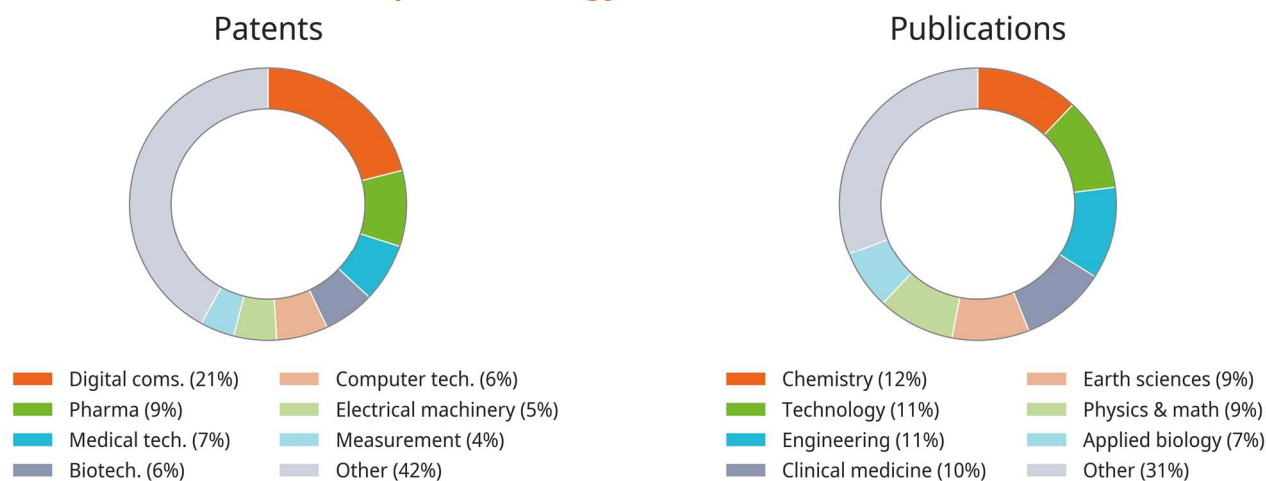
Top PCT applicants

		Patents	Share
1	LM ERICSSON	306	19%
2	CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS (CSIC)	157	10%
3	UNIVERSIDAD COMPLUTENSE DE MADRID	25	2%

Top publishing organizations

		Articles	Share
1	COMPLUTENSE UNIVERSITY OF MADRID	4,753	12%
2	AUTONOMOUS UNIVERSITY OF MADRID	3,290	8%
3	UNIVERSIDAD POLITECNICA DE MADRID	2,679	7%

Top technology fields in Madrid



31% of Madrid's PCT patent applications are filed in collaboration with other inventors, with **Shanghai-Suzhou**, **Barcelona** and **Stockholm** emerging as the top collaborative locations.

57% of Madrid's scientific articles are published in collaboration with other organizations, with the top three collaborating locations being **Barcelona**, **Valencia** and **London**.