



## Helsinki, Finland

Helsinki is the only cluster within Finland that falls within the top 100 S&T clusters in 2023. It filed **2,305 PCT applications** and published **10,844 scientific articles**, both per 1 million inhabitants over the last five years, making it the:

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

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

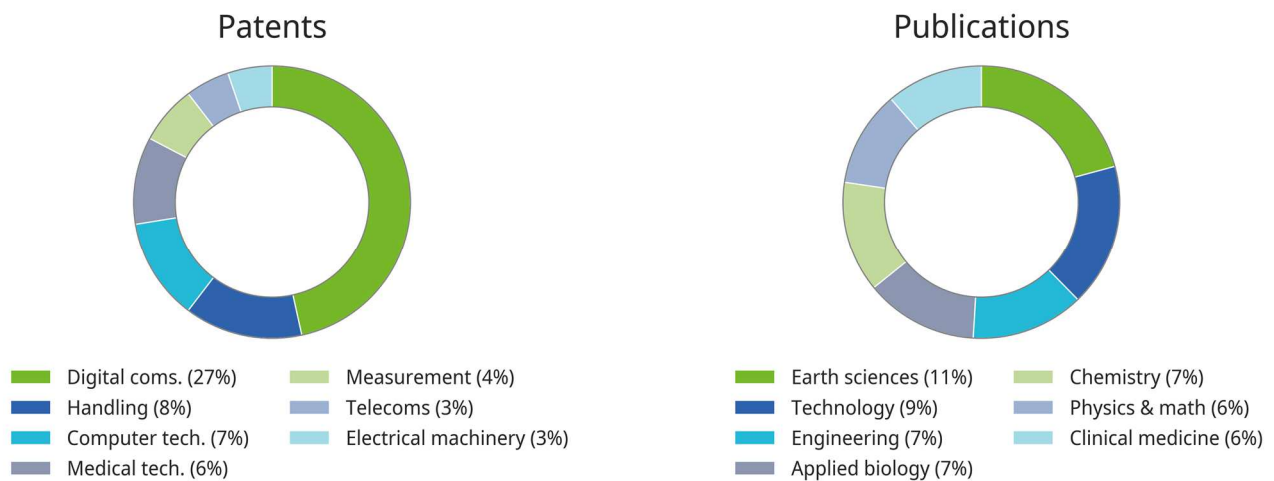
### Top PCT applicants

		Patents	Share
1	Nokia	478	17%
2	Lm Ericsson	285	10%
3	Kone Corporation	269	9%

### Top publishing organizations

		Articles	Share
1	University of Helsinki	5,872	44%
2	Aalto University	2,218	17%
3	Helsinki University Central Hospital	1,241	9%

### Top technology fields in Helsinki



**31%** of Helsinki's PCT patent applications are filed in collaboration with other inventors, with **Stockholm, Munich** and **Beijing** emerging as the top collaborative locations.

**63%** of Helsinki's scientific articles are published in collaboration with other organizations, with the top three collaborating locations being **Stockholm, London** and **Paris**.