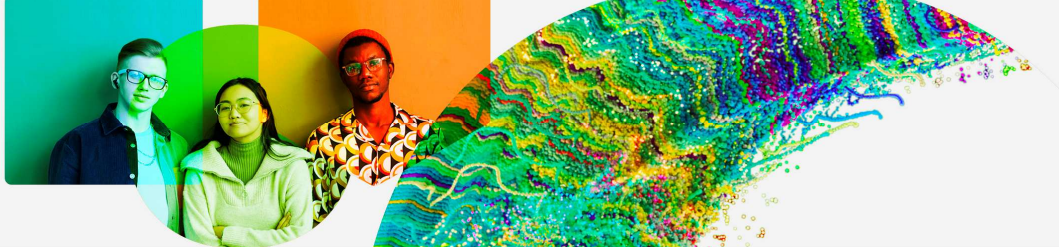


Global Innovation Index 2024



Amsterdam–Rotterdam, Netherlands (Kingdom of the)

Amsterdam–Rotterdam is the top-ranked cluster, out of 2 Dutch clusters, that falls within the top 100 S&T clusters in 2024. It filed **614 PCT applications** and published **7,451 scientific articles**, both per 1 million inhabitants over the last five years, making it the:

26th largest science and technology cluster in 2024

53rd S&T cluster by intensity (relative to population density) in 2024

Top PCT applicants

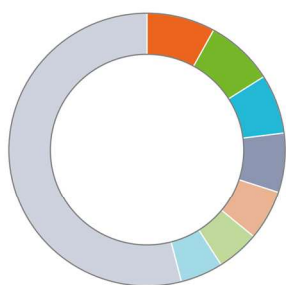
		Patents	Share
1	TNO	292	7%
2	DELFT UNIVERSITY OF TECHNOLOGY	220	5%
3	SHELL	134	3%

Top publishing organizations

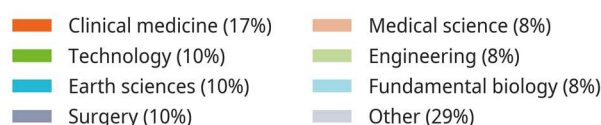
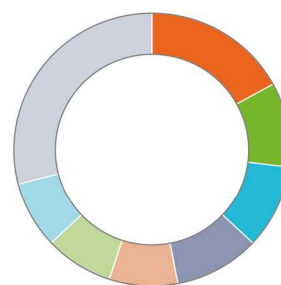
		Articles	Share
1	UTRECHT UNIVERSITY	8,039	15%
2	DELFT UNIVERSITY OF TECHNOLOGY	6,980	13%
3	VRIJE UNIVERSITEIT AMSTERDAM	5,363	10%

Top technology fields in Amsterdam–Rotterdam

Patents



Publications



24% of Amsterdam–Rotterdam’s PCT patent applications are filed in collaboration with other inventors, with **Nijmegen**, **Eindhoven** and **San Jose–San Francisco** emerging as the top collaborative locations.

72% of Amsterdam–Rotterdam’s scientific articles are published in collaboration with other organizations, with the top three collaborating locations being **Nijmegen**, **London** and **Paris**.