Stockholm, Sweden

Stockholm is the top-ranked cluster, out of 2 Swedish clusters, that falls within the top 100 S&T clusters in 2023. It filed 2,811 PCT applications and published 9,255 scientific articles, both per 1 million inhabitants over the last five years, making it the:

38th largest science and technology cluster in 2023 (down one spot from 2022)
15th S&T cluster by intensity (relative to population density) in 2023 (up two spots from 2022)

<table>
<thead>
<tr>
<th>Top PCT applicants</th>
<th>Patents</th>
<th>Share</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Lm Ericsson</td>
<td>2,895</td>
<td>48%</td>
</tr>
<tr>
<td>2 Huawei</td>
<td>536</td>
<td>9%</td>
</tr>
<tr>
<td>3 Scania</td>
<td>195</td>
<td>3%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Top publishing organizations</th>
<th>Articles</th>
<th>Share</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Karolinska Institutet</td>
<td>6,380</td>
<td>32%</td>
</tr>
<tr>
<td>2 Royal Institute of Technology</td>
<td>4,852</td>
<td>24%</td>
</tr>
<tr>
<td>3 Stockholm University</td>
<td>3,309</td>
<td>17%</td>
</tr>
</tbody>
</table>

Top technology fields in Stockholm

<table>
<thead>
<tr>
<th>Patents</th>
<th>Publications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Digital coms. (40%)</td>
<td>Clinical medicine (11%)</td>
</tr>
<tr>
<td>Telecoms (8%)</td>
<td>Technology (9%)</td>
</tr>
<tr>
<td>Computer tech. (7%)</td>
<td>Chemistry (8%)</td>
</tr>
<tr>
<td>Medical tech. (5%)</td>
<td>Biochem. &amp; biotech. (7%)</td>
</tr>
<tr>
<td>Audio-visual tech. (3%)</td>
<td>Earth sciences (6%)</td>
</tr>
<tr>
<td>Measurement (3%)</td>
<td>Physics &amp; math (6%)</td>
</tr>
<tr>
<td>Pharma (3%)</td>
<td>Engineering (6%)</td>
</tr>
</tbody>
</table>

36% of Stockholm’s PCT patent applications are filed in collaboration with other inventors, with Lund–Malmö, Uppsala and Göteborg emerging as the top collaborative locations.

75% of Stockholm’s scientific articles are published in collaboration with other organizations, with the top three collaborating locations being Uppsala, London and Amsterdam–Rotterdam.