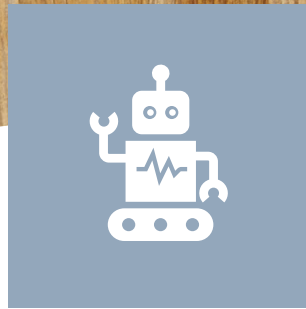


✓ Innovations



✓ Technologies

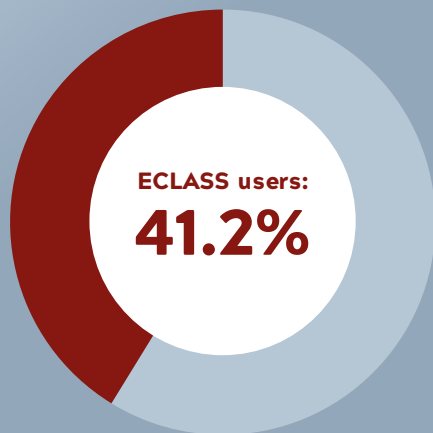


✓ Networks

ECLASS users in Germany: highly innovative, technology- oriented and optimally networked

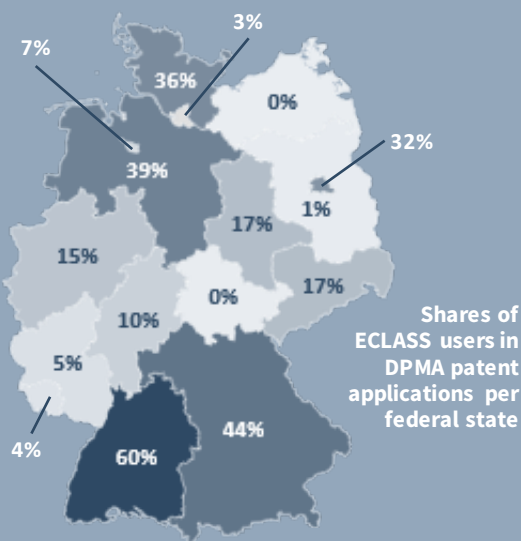
ECLASS users are highly innovative

Patent applications at the German Patent and Trademark Office (DPMA)



ECLASS users shape the German innovation landscape

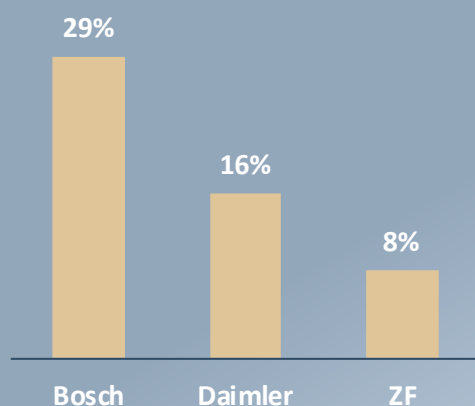
In 2016, ECLASS users were involved in more than 40 percent of all patents filed by legal entities at the German Patent and Trade Mark Office (Deutsches Patent- und Markenamt DPMA).



ECLASS users are indispensable for German innovation regions

In the federal states considered to be particularly innovative, such as Baden-Württemberg and Bavaria, ECLASS users applied for the majority of all patents in 2016.

Patent applications from Baden-Württemberg



ECLASS users are among the absolute top innovators

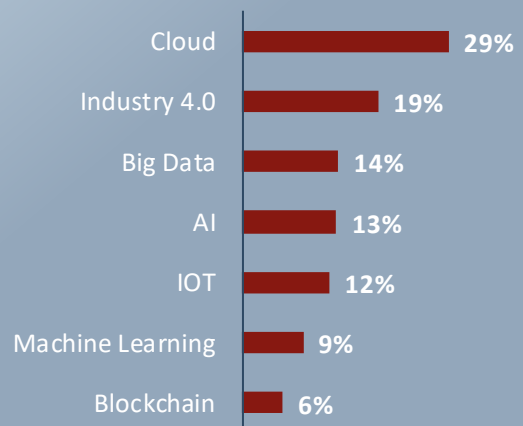
In 2016, the three ECLASS users with the highest number of patent applications in Baden-Württemberg together accounted for more than 50 percent of all patent applications in the state.

ECLASS users are technology-oriented

ECLASS users are intensively dealing with technology topics

ECLASS users talk about Industry 4.0, Big Data, IOT and other technologies on their websites – a clear sign that ECLASS and technology affinity belong together.

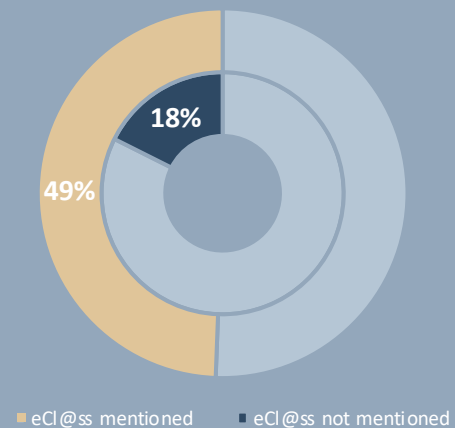
Top technology topics on the websites of ECLASS users



ECLASS users: Standards and technologies go hand in hand

Around half of the users who deal with ECLASS on their website are dedicated to the topic of Industry 4.0. If ECLASS is not mentioned, the proportion is significantly lower (18 percent).

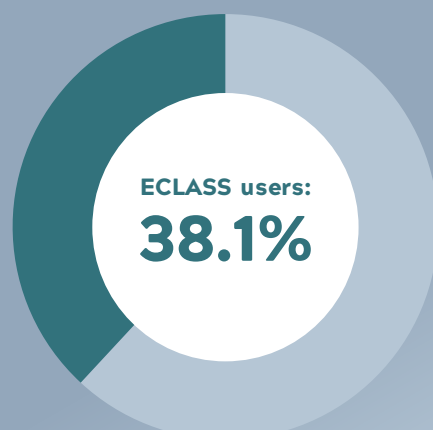
Websites of ECLASS users dealing with Industry 4.0



ECLASS users innovate in digital technology fields

In 2016, ECLASS users registered around 40 percent of the patents related to digitization – including 3D printing, autonomous driving and computer-aided surgery.

Patent applications with reference to digitization



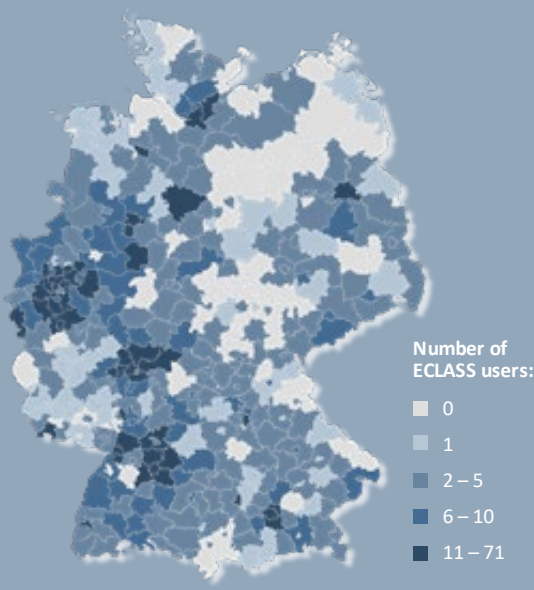
ECLASS users are optimally networked

Cooperative patent applications

ECLASS users:
85.7%

ECLASS users prefer to research and innovate as part of a team

In 2016, ECLASS users were responsible for around 86 percent of all patents registered at the German Patent and Trade Mark Office (DPMA) in which more than one legal entity was involved.



ECLASS users are at home above all in the boom regions

In 84 percent of all administrative districts there is at least one ECLASS user. The concentration is particularly high in the economic centers – which favors networking among ECLASS users.



The ECLASS Wor(l)d Cloud

ECLASS users are also internationally networked

19.8 percent of ECLASS users do not only provide their business partners with information in English on their website, but also in other languages.