

# Research and development

## Facts and figures

### Key figures for research and development (R&D)

- In fiscal 2017, Siemens invested €5.2 billion in R&D, compared to €4.7 billion in the reporting period 2016. The company plans to increase its R&D investments to about €5.6 billion in fiscal 2018.
- The R&D intensity, defined as the ratio of R&D expenses to revenue, was 6.2 percent, and therefore higher than the 5.9 percent in fiscal 2016.
- As of September 30, 2017, Siemens had received about 63,000 patents related to its continuing activities. At the end of fiscal 2016, the figure totaled around 59,800.
- As of September 30, 2017, Siemens had about 40,000 employees working in R&D.

### Facts and figures: Digitalization

- Business with software and digital platforms and services generated revenue of €5.2 billion in fiscal 2017. This is equivalent to an increase of 20 percent compared with the previous year, and is considerably in excess of the average sector-wide market growth of around eight percent a year.
- Around €4 billion in revenue was achieved with Siemens software in 2017, and €1.2 billion with digital platforms and services.
- To bring its digitalization solutions even closer to customers, Siemens has set up 20 MindSphere Application Centers in 17 countries. At these centers, over 900 software developers, data specialists and engineers are collaborating with customers on the development and implementation of digital innovations.

### Further information

[siemens.com/innovationday](http://siemens.com/innovationday)  
[siemens.com/press/inno2017](http://siemens.com/press/inno2017)