

ANNUAL PERFORMANCE - 2500 WORLD'S TOP R&D INVESTORS

THE 2021 EU INDUSTRIAL R&D INVESTMENT SCOREBOARD

Worldwide, Industrial R&D investments increased by **+ 6.0%**

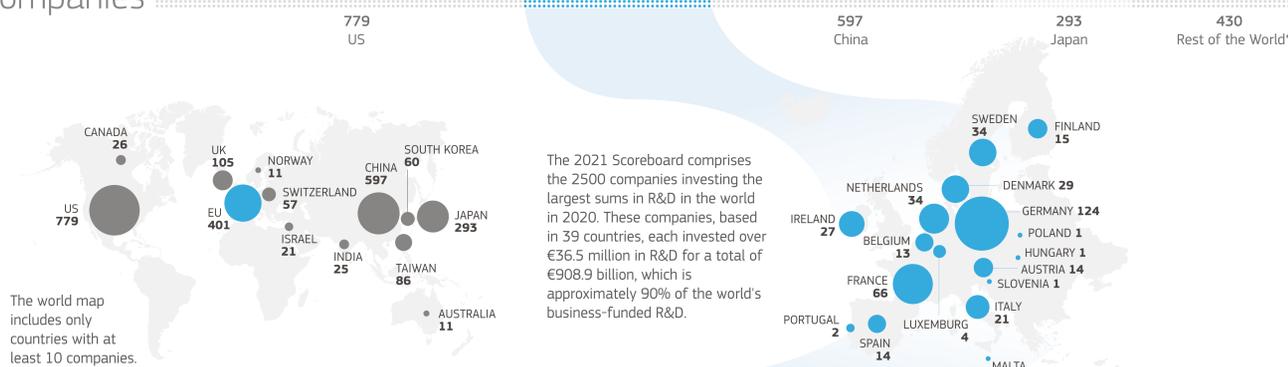
2500 COMPANIES
90% OF WORLD INDUSTRIAL R&D INVESTMENTS



R&D INVESTMENTS BY REGION & SECTOR

2500 companies

401 EU companies



Global R&D investment

EU **€184.1 billion**

908.9 billion worldwide

37.8%

20.3%

15.5%

12.2%

14.2%

R&D is very much concentrated by country. The top 3, top 5 and top 10 countries account respectively for 66%, 79% and 93% of the total R&D investment.

*The rest of the world (RoW) group comprises companies from UK (105), Taiwan (86), South Korea (60), Switzerland (57), Canada (26), India (25), Israel (21), Australia (11), Norway (11) and companies based in further 10 countries.

€343.6 bn US

€141.0 bn China

€111.1 bn Japan

€129.2 bn Rest of the World*

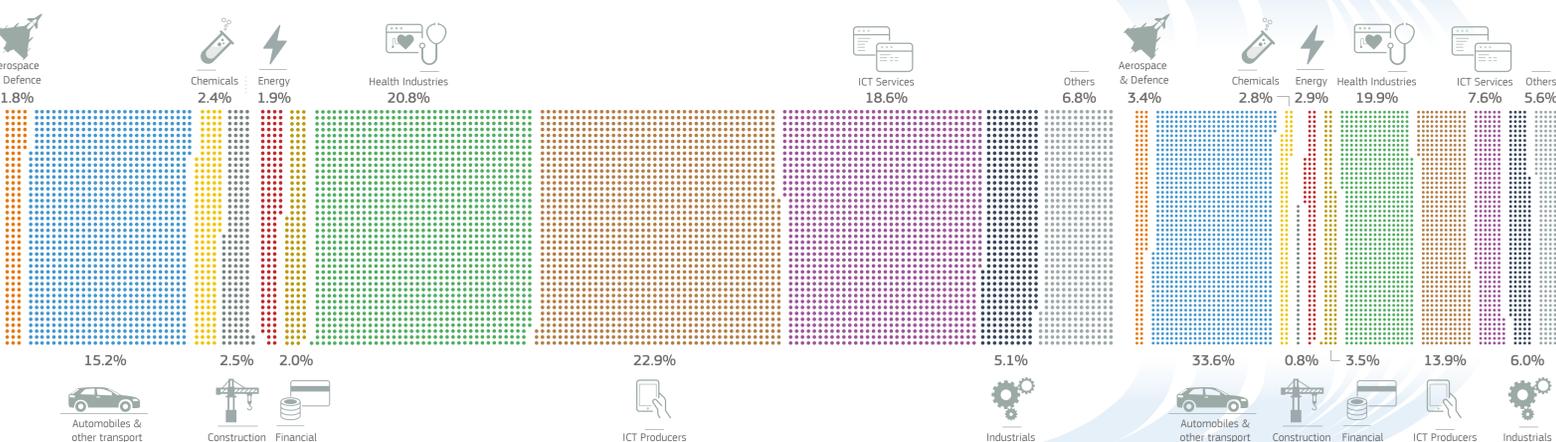


EU R&D INVESTMENTS BY MEMBER STATES

The 401 EU companies invested €184.1 bn in R&D, a decrease of -2.2% compared to the previous year.

By sector (World)

The four largest R&D investing sectors (ICT producers, Health industries, ICT services and Automobiles & other transport) account for 77% of the total R&D of the 2500 companies.



Growth rates (%)

The 2500 companies raised their total R&D by a substantial 6.0% over the previous year, the eleventh consecutive year of significant increases.



Net Sales & R&D (bn €)

Worldwide, net sales experienced a significant decrease (-4.6%), probably due to the COVID-19 crisis.



Employment (million)

The number of employees by the 2500 companies shows a little increase (+0.9%).



ANNUAL CHANGE BY REGION/COUNTRY