

B 3 Exchange of knowledge and technology between Germany and China

The international exchange of knowledge and technology is a key driver of innovation and value creation. Germany, therefore, has a real interest in good cooperative relations in science and business with the emerging location for innovation, China. With China's rapidly growing importance, the volume of direct investment and scientific cooperation has also increased significantly in recent years.



corresponds to 500 students⁽³⁾

- Chinese students in Germany (2018/19 winter semester)
- German students in China (2018)



corresponds to 500 researchers⁽¹⁰⁾

- Publishing scientists affiliated to an institution in the other country (2006 to 2016)



corresponds to 500 co-publications⁽¹¹⁾

- Co-publications by Chinese and German scientists (2017)



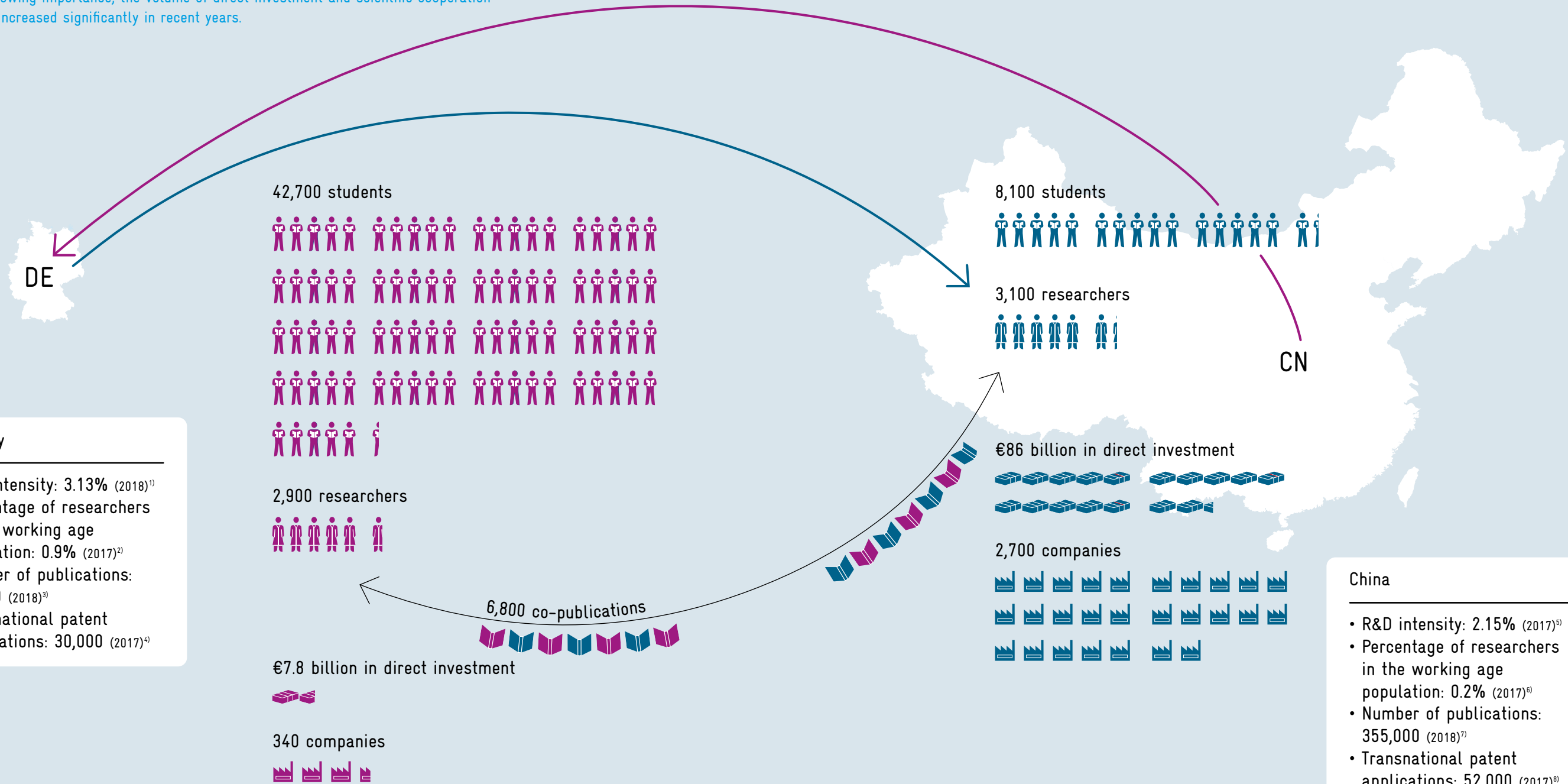
corresponds to five billion euros⁽¹²⁾ in foreign direct investment (FDI)

- Chinese FDI in Germany (2017)
- German FDI in China (2017)



corresponds to 100 companies⁽¹³⁾

- Companies in China taken over or launched by a German investor or German shareholders (2017)
- Companies in Germany taken over or launched by a Chinese investor or Chinese shareholders (2017)



Germany

- R&D intensity: 3.13% (2018)⁽¹⁾
- Percentage of researchers in the working age population: 0.9% (2017)⁽²⁾
- Number of publications: 74,000 (2018)⁽³⁾
- Transnational patent applications: 30,000 (2017)⁽⁴⁾

China

- R&D intensity: 2.15% (2017)⁽⁵⁾
- Percentage of researchers in the working age population: 0.2% (2017)⁽⁶⁾
- Number of publications: 355,000 (2018)⁽⁷⁾
- Transnational patent applications: 52,000 (2017)⁽⁸⁾