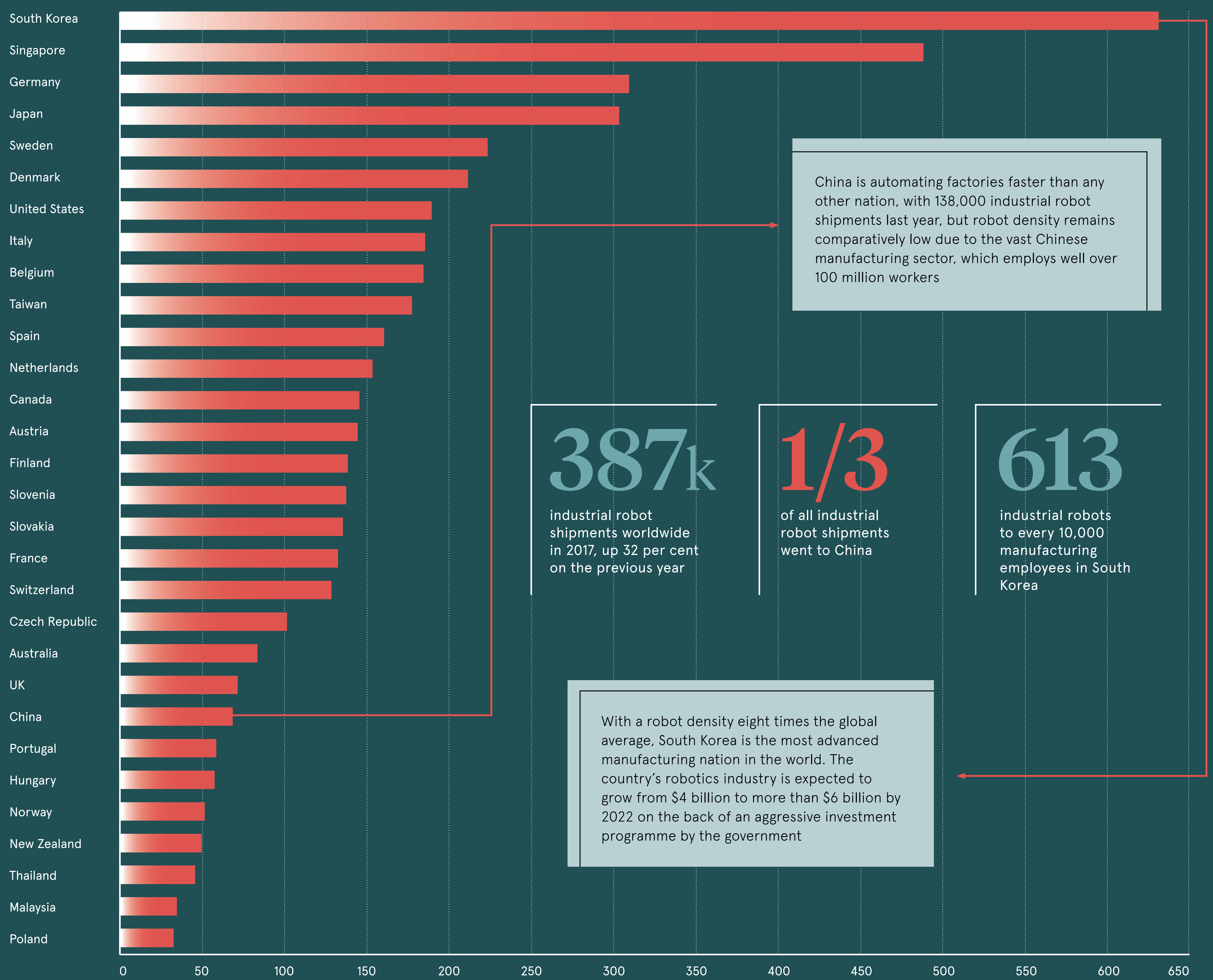


ROBOTIC REVOLUTION

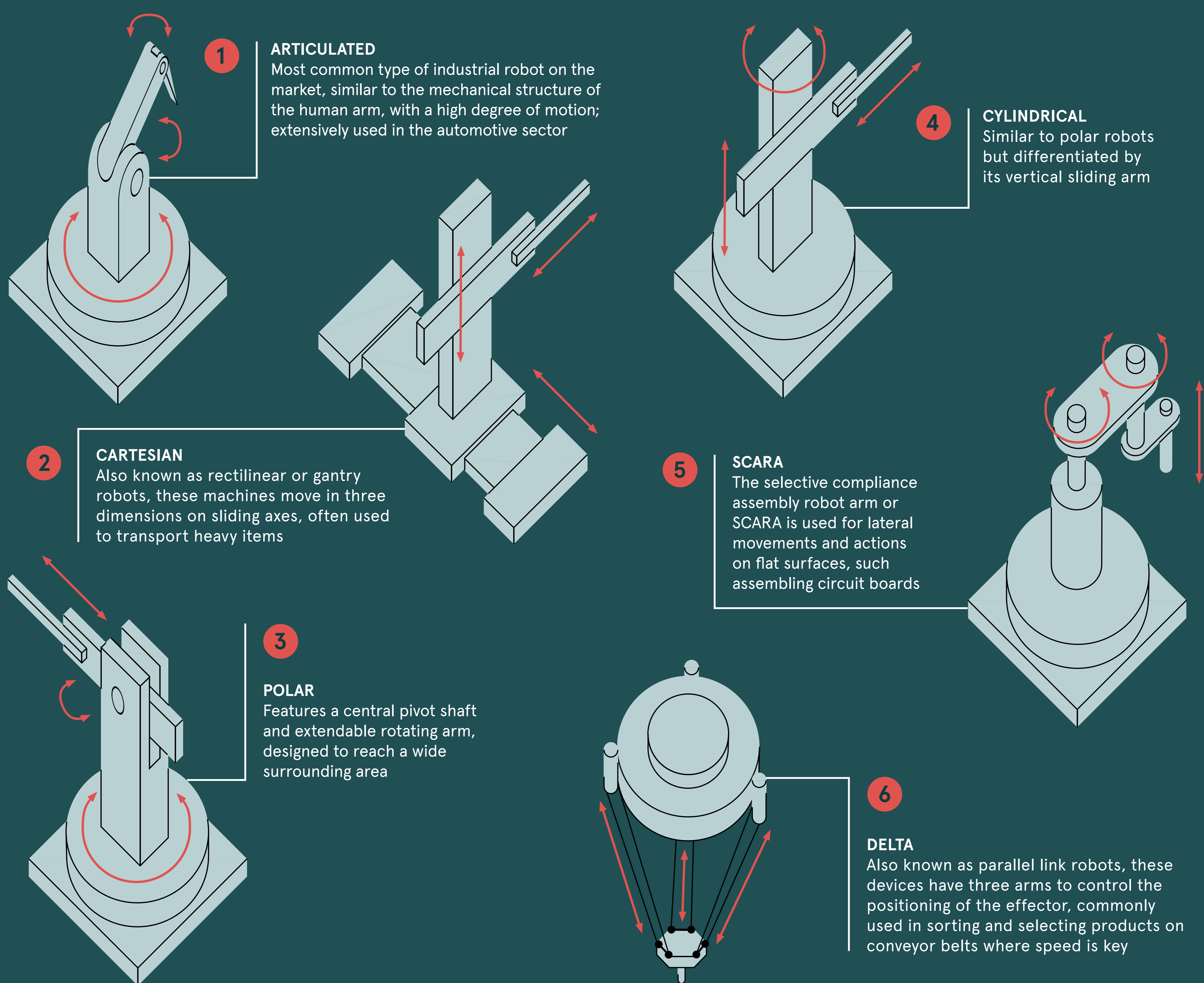
Sales of manufacturing robots have more than doubled over the past five years as businesses ramp up their investments in automation and smart factories. South Korea continues to lead the way in terms of robot density in manufacturing, with six robots to every hundred employees, while the automotive and electronics sectors comprise the lion's share of annual sales

Robot density

Number of installed industrial robots per 10,000 manufacturing employees in 2017

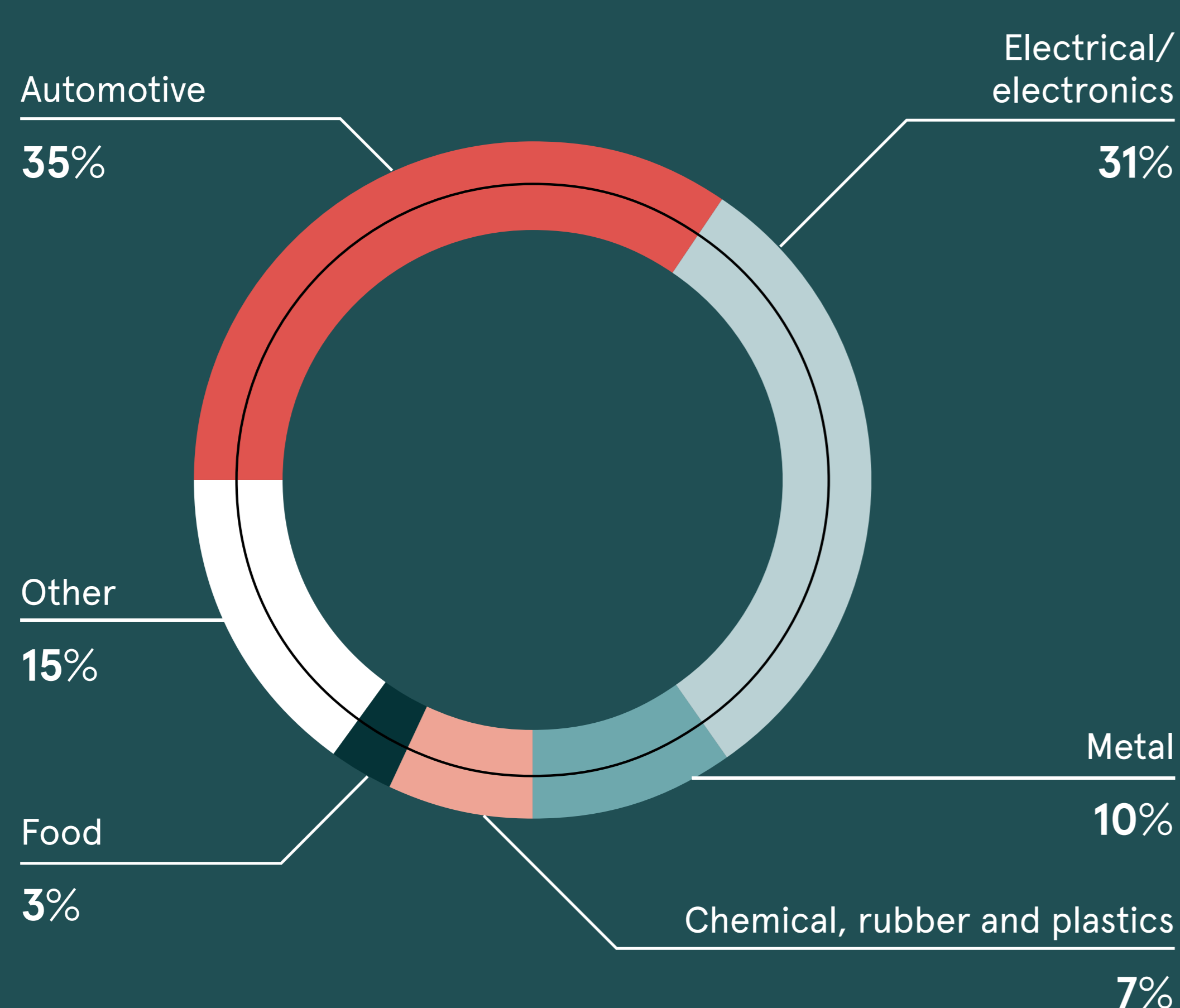


Main types of industrial robots



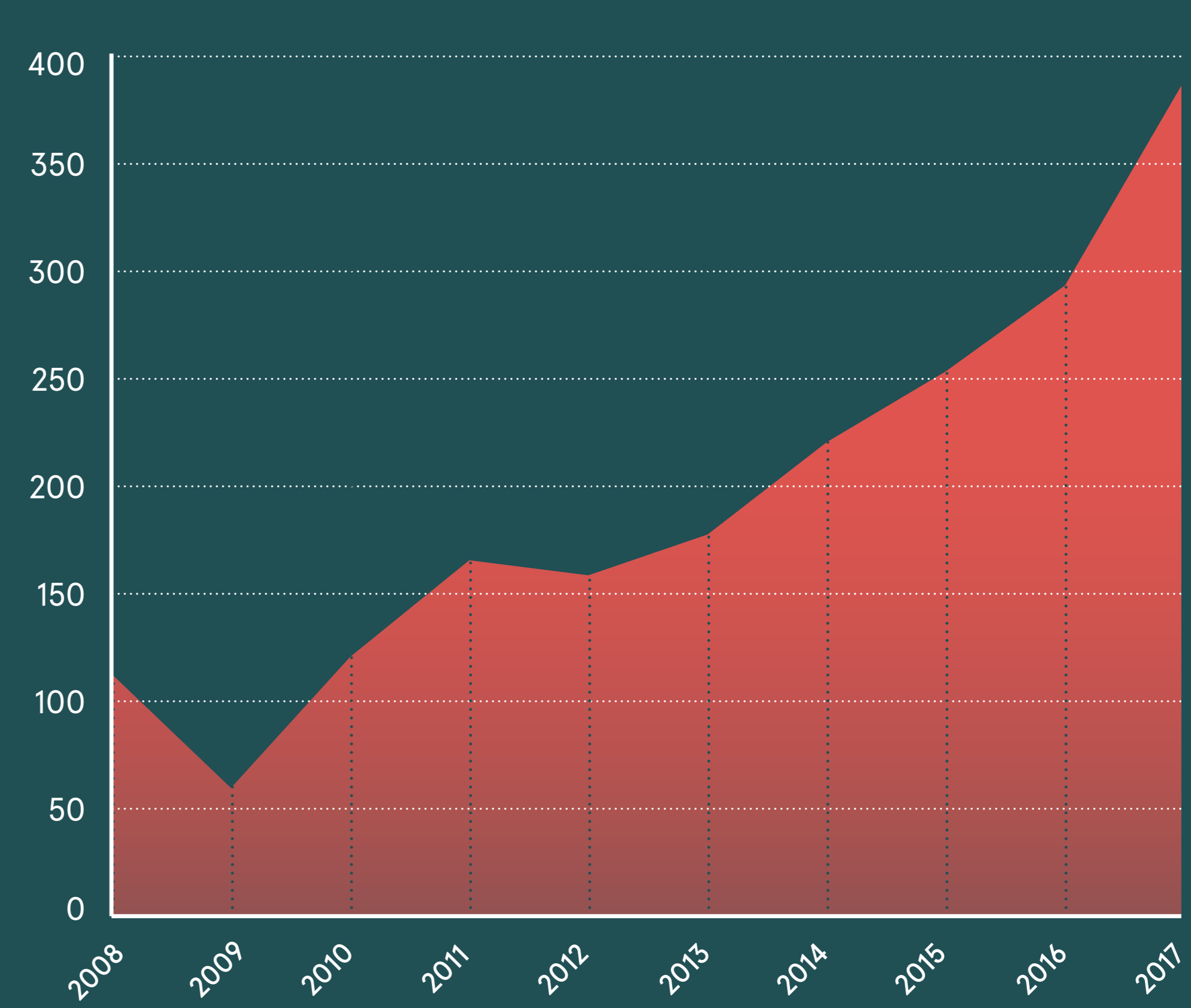
Robot supply by industry

Industry share by annual supply of industrial robots



Robot shipments have doubled within five years

Estimated global annual shipments of industry robots (thousands of units)



International Federation of Robotics 2017-18