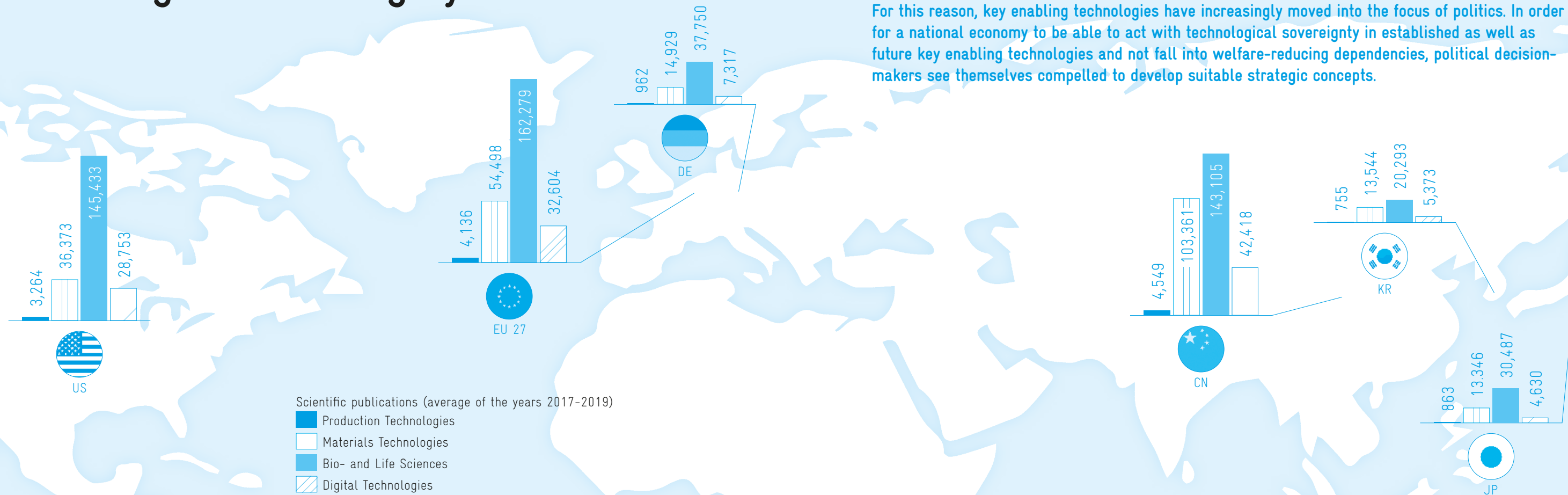


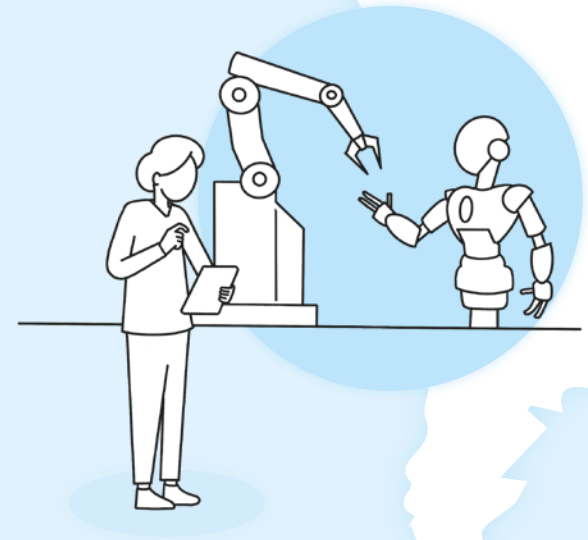
B 1 Key Enabling Technologies and Technological Sovereignty

Key enabling technologies open up high potentials for a prosperous technological and economic development of a national economy and thus for prosperity. They are of central importance for current and future value creation activities. Unique selling propositions and innovations in key enabling technologies contribute to the competitiveness of an economy's companies in these technologies. For this reason, key enabling technologies have increasingly moved into the focus of politics. In order for a national economy to be able to act with technological sovereignty in established as well as future key enabling technologies and not fall into welfare-reducing dependencies, political decision-makers see themselves compelled to develop suitable strategic concepts.



Production Technologies

Advanced Manufacturing, Robotics, Photonics



Materials Technologies

New Materials, Nanotechnologies



Bio- and Life Sciences

Bioeconomy, Life Sciences



Digital Technologies

Microelectronics, Artificial Intelligence, Internet of Things, Digital Security Technologies, Big Data, Digital Mobility Technologies

