



European Commission



#SmartRegions

SMART SPECIALISATION



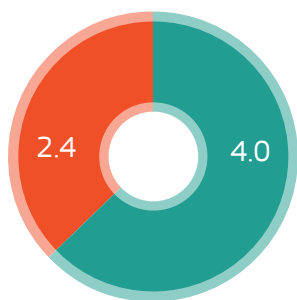
► *Strengthening innovation in Germany*

Germany is an Innovation Leader

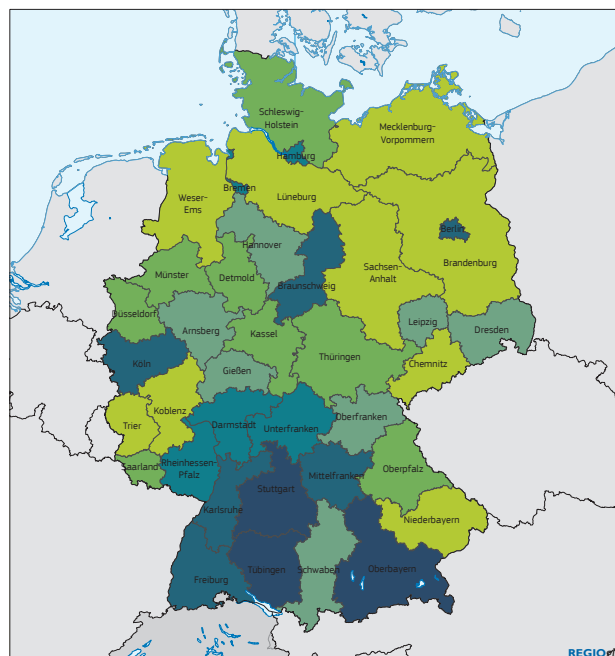
► Smart specialisation priority areas:

1. Manufacturing & industry
2. Key Enabling Technologies
3. Information & communication technologies
4. Sustainable innovation
5. Human health & social work activities

ESF Funds total budget for Research and Innovation: Germany - EUR 6,4 Billion



■ EU (EUR bn) ■ National (EUR bn)



Germany: Regional innovation performance, 2017

Innovator group
 Modest - Strong -
 Modest + Strong +
 Moderate - Leading -
 Moderate + Leading +

Source: European Commission - Regional Innovation Scoreboard 2017

0 160 Km
 © EuroGeographical Association for the administrative boundaries



Biopharmaceutical production

MoBiDiK (Nordrhein-Westfalen) made a new biopharmaceutical production process work in a demonstration plant based on modular plug-and-produce chemical production technology. This helps meet the growing demand for specialised therapies, decrease production costs and leverage private funds.