

National Smart Specialisation list

valid from January 2018

1. Healthy society
2. Innovative technologies, processes and products of the agri-food and forestry –wood sectors
3. Biotechnological and chemical processes, bioproducts, specialised chemical products and environmental engineering products
4. High efficiency, low-emission and integrated manufacturing, storage, transmission and distribution of energy systems
5. Smart and energy efficient construction
6. Environmentally friendly transport solutions
7. Modern technologies of sourcing, processing and use of natural resources and the production of substitutes
8. Minimizing waste, including waste unfit for processing, and use of materials and energy waste (recycling and other recovery methods)
9. Innovative solutions and technologies in water and waste management
10. Multifunctional materials and composites with advanced properties, including nano-processes and nano-products
11. Sensors (including biosensors) and smart sensor networks
12. Smart networks, information-communication and geoinformation networks
13. Printed, organic and flexible electronics
14. Automation and robotics in technological processes
15. Photonics
16. Smart creative technologies
17. Innovative maritime technologies pertaining to specialist vessels, maritime and offshore structures and logistics based on maritime and inland waterway transport

Please note that till the present day the competent central government body responsible for the NSS has not published NSS descriptions in English. The present document is a translation and the binding version remains the Polish-language one available [here](#). For an explanation how the NSS includes the Humanities and Social Sciences please [click here](#).