The vision of the Strategic Scientific and Innovation Development Program defines the University of Ruse "Angel Kanchev" as an internationally recognized research university with a significant contribution to the development of the European Research Area through the development of an innovation-stimulating environment for conducting interdisciplinary scientific research with the potential for technology transfer, internationalization and commercialization of scientific products to support resource-saving, balanced and responsible socio-economic development of globally connected communities.

These pragmatic dimensions of this vision relate to:

- institutional support for implementing scientific research in areas in line with global trends, with high added value to achieve the goals of sustainable development and the transition to a green and blue economy;
- development of digital and mechatronic integrated solutions for intelligent management of territories, systems, processes, and data, based on fundamental and applied scientific research under the multidisciplinary profile of the university;
- stimulating the free exchange of knowledge, experience, and scientific achievements of research teams under conditions of equality, regardless of gender, race, religion, ethnic origin, and social status, through transferring know-how and technologies, internationalization, and ethical, lawful multiplication of the scientific results of scientific groups. For this reason, the current program plans three leading directions for development, namely:

The vision is developed in 3 main integrated scientific directions, incorporating 7 scientific groups which implement the current Strategic Scientific and Innovation Development Program of the Scientific University of Ruse.

Research and development of ICT-based solutions for digital secure transformation of processes and systems

- Scientific Group 3.1.1. Digital systems and technologies for sustainable smart agriculture (Smart Agriculture)
- Scientific Group 3.1.3. Intelligent cyber-physical systems and technologies for generating and visualizing spatial objects and processes
- Scientific Group 3.2.1. Integrated intelligent management systems for security

Researches on systems, subjects, processes and phenomena, technologies and innovations for a equitable and sustainable green society

- Scientific Group 3.1.5. Digital Energy Systems 4.0
- Scientific Group 3.1. 6 . Mathematical modeling, innovative business models and social innovations

Fundamental and scientific-applied research in mechatronics and new technologies

- Scientific Group 3.1.2. Sustainable transport mobility
- Scientific Group 3.1.4 . Digital, layered, energy assisted innovative technologies and models

Each direction for developing research activities incorporates the traditional and new professional fields presented in the University's profile of Ruse, presupposing the functioning of interdisciplinary research groups within the dedicated research complex. Every scientific group focuses on the most advanced research in their field, working together to solve complex problems and encourage creativity.

The development of the relevant research infrastructure, equipment and conditions for implementing the scientific programs of the groups has been ensured under the project "Scientific University of Ruse", funded by the European Union - NextGenerationEU, through the National Recovery and Resilience Plan of the Republic of Bulgaria, under contract BG-RRP-2.013-0001, for the implementation of investments under the Recovery and Resilience Mechanism for "Creating a Network of Research Higher Education Institutions in Bulgaria - 2", under the pillar "Innovative Bulgaria", Component 2 "Research and Innovation", Investment 1 (C2.I1): "Program for Accelerating Economic Recovery and Transformation through Research and Innovation"