



• Visegrad Fund

## About University of Kragujevac

- The University of Kragujevac is one of the largest state universities and, as such, one of the key actors of higher education system in the Republic of Serbia.
- It is a modern higher education institution, with a student population of 20,000 and 1,200 academic staff, and embracing almost all major areas of teaching and research and offering 118 accredited study programs at Bachelor, Master and PhD levels, at 12 faculties.
- One of its distinctive advantages is that it is based on the concept of a widespread university, covering the territory of 5000 km<sup>2</sup> in 6 cities which are populated by more than 2.5 million inhabitants. This allows the University to use economic and geographic potential and human resources of the territory, thus becoming the main driving force of development and integrative symbol of Central Serbia.

- The University of Kragujevac, institutionally, or through its delegated representatives, takes part in all relevant national bodies – Conference of the Universities of the Republic of Serbia, National Council for Higher Education of the Republic of Serbia, Higher Education Reform Expert Team appointed by the Ministry of Education and Science, Commission for Accreditation and Quality Assurance etc.
- It has active cooperation with local, regional and national authorities which recognize its importance in the region and the country and include it regularly in the development of the strategies, action plans and activities in the field of education, science and youth development.
- University of Kragujevac was positioned as 320th in 2017. GreenMetric ranking so is the highest ranked Serbian institution in GreenMetric.

- UniKG will create new Internationalization strategy (2021-2026) which incentives will implement and promote environmentally friendly practices into following areas:

- **1. Legal and administrative framework**

Next to the new Internationalization strategy, UniKG will prepare the new set of legal documents, procedures, rulebooks and official recommendations for waste management control (recycling of paper, batteries, electronic equipment), pollution prevention by promoting among students and staff the use of bicycles, train rides instead of cars and busses, commuting options; digitalizing archives and administrative unites, increase the use of electronic signature thus decreasing the paper use, therefore promoting EWP initiative.



## ➤ 2. Learning and research

Supporting the environmentally friendly practices UniKG is already successfully realizing Ecology, Biology, Agronomy, Environmental Engineering study programs at all study levels. In order to ensure the sustainability of learning and research in the area, UniKG has set the ground for creating additional programs. Within UniKG the following organizational units are active in the promotion and implementation of the environmentally friendly activities:

- **Aquarium - centre for fisheries and inland water conservation**
- **Botanical Garden**
- **Centre for Preclinical Testing of Active Substances**

within which teaching/learning and research activities, visits and educational workshops are organized for primary and secondary school pupils as well as national and international students/staff. Additionally, UniKG participates in/coordinates projects funded by the Ministry of Education, Science and Technological Development of the Republic of Serbia, as well as projects funded by the European Union

### ➤ 3. Community support

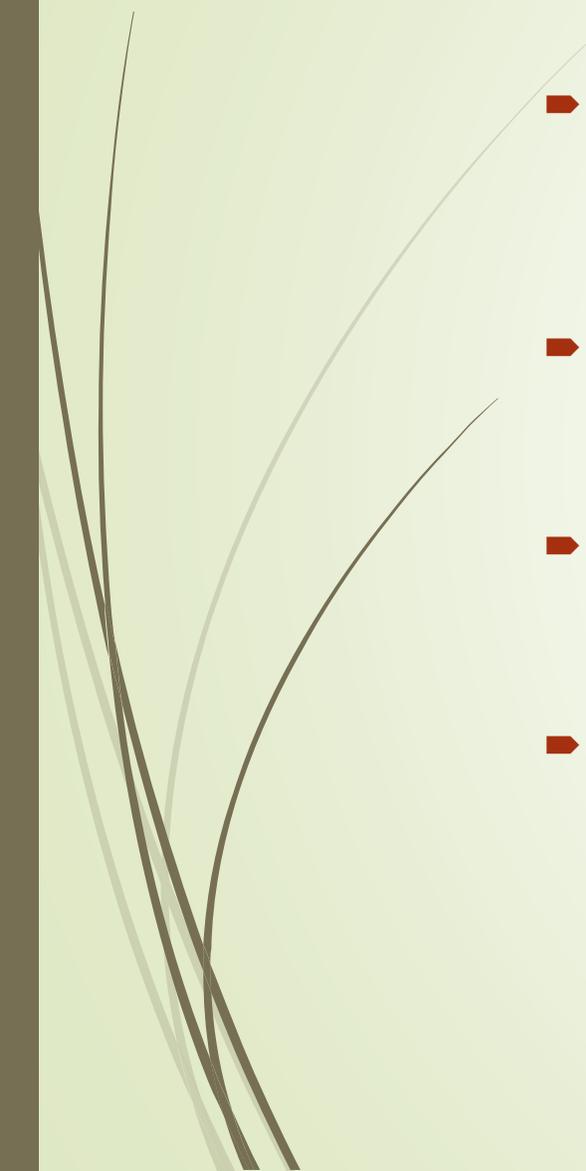
UniKG provides constant support to wider community through establishment of relevant institutions like:

- **Science technology park in Čačak** (two of our faculties are part of the foundation body - Faculty of Agronomy and Faculty of Technical Sciences),
- **Centers of Excellence in Kragujevac** which will serve as research center for areas: medicine and biomedicine, biology, ecology, chemistry, technical and engineering sciences, and other related fields (in the construction process),
- Societies/Associations such as **Serbian Biological society Stevan Jakovljevic** (activities: improving biology teaching, nature protection and conservation, following contemporary scientific achievements in the field of fundamental and applied biology, agronomy, pharmacy, medicine, veterinary, forestry) and
- **Ecological Research Society Mladen Karaman** (activities: education and training of students of biology, ecology, as well as all interested in scientific research; protection and promotion of environment and natural heritage of Serbia; providing education in these areas.

Taking into consideration the significance of UniKG for the community and the region it is the UniKG's responsibility to take a role of a change driver to increase the level of consciousness in every student and employee, thus making the protection of environment become the norm of our acting.

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## ► 4. Department of Energy and Process Engineering of the University of Kragujevac

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- Several thin, curved lines in shades of brown and grey, extending from the left side of the slide towards the center.
- The Regional Euro Center for Energy Efficiency in Kragujevac and the Department of Energy and Process Engineering of the University of Kragujevac directly influence the solution for combating climate change through the development and implementation of detailed energy audits of buildings and industry.
  - After visiting the plants and a detailed review of all methods of energy consumption and production/water, with all the appropriate measurements, the research team defines the proposals whose application directly affects the increase in energy efficiency.
  - In addition, researchers are actively working to find new solutions for approaching energy audit and consumption prediction, as well as the most optimal selection of options for reducing energy consumption, wastewater production and waste generation.
  - Previous research has included indoor swimming pools, slaughterhouses, dairies, smart and low-energy houses and buildings, and within the Energy Efficiency Program of the City of Kragujevac, all public institutions have been analyzed in detail.



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***Thank you !***