



Project BG05M2OP001-1.002-0019:

„Clean technologies for sustainable environment – waters, waste, energy for circular economy“

The project aims at creating an efficient infrastructure and research capacity for development of innovations in the circular economy focusing on water, energy and waste management.

Main activities: The project composes of three vertical and four horizontal modules. The vertical modules are “Waters”, “Solid waste” and “Transfer”. In the modules “Waters” and “Waste” there are two directions - “Monitoring, assessment and identification of the problems” and “Clean technologies” – development of clean technologies. In both modules, as horizontal priorities are included activities on circular economy and the achievement of energy and resource effectiveness.

Innovation based on high-level achievements in the scientific research and technological developments, is an important priority. A process control in real time through automated chemical, physical, technological, microbiological and molecular methods is planned. Key focus is set on the “Transfer” module. It will include activities related to education, dissemination of the results and technological entrepreneurship. Large-scale educational and qualification programs for bachelors, masters, PhD students, post-graduate students from business and scientific institutions are planned.

Expected results: A fully equipped and functioning Centre of Competence addressing the needs of economy and education in the respective areas.

Leading partner of the project is Sofia University “St. Kliment Ohridski”. The other partners of the project are: University of Architecture, Civil Engineering and Geodesy; University of Forestry; University “Prof. Asen Zlatarov” – Burgas; The Rostislav Kaishew Institute of Physical Chemistry; Institute of Organic Chemistry with a Centre of Phytochemistry; The Stephan Angeloff Institute of Microbiology, and “Cleantech Bulgaria” Foundation.

Associated partners of the project are: Sofia municipality, “Sofiyska voda” AD, Interplast BG Ltd., Energy agency – Plovdiv, University of Modena – Italy.

Total funding: 23 667 925,86 BGN. Out of that amount 20 117 736,97 BGN is European and 3 550 188, 89 BGN is national co-funding.

Term of the project implementation: 30 March 2018 r. – 31st December 2023.