



ЕВРОПЕЙСКИ СЪЮЗ  
ЕВРОПЕЙСКИ СТРУКТУРНИ И  
ИНВЕСТИЦИОННИ ФОНДОВЕ



ОПЕРАТИВНА ПРОГРАМА  
НАУКА И ОБРАЗОВАНИЕ ЗА  
ИНТЕЛИГЕНТЕН РАСТЕЖ



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**Project BG05M2OP001-1.002-0019:**

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

**The project aims at** creating an efficiently functioning infrastructure in the field of: Control, treatment, management of waters; Processing, recycling, recovery and disposal of solid waste; Realization of energy and resource effective economy through obtaining renewable and alternative energy sources, materials and resources; Stimulation of the innovations in the technologies for sustainable environment and circular economy; Development and realization of the entrepreneurship of the young specialists in the above mentioned fields.

**The Centre of Competence (CoC) Clean & Circle** 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 real clean technologies. In both modules, as horizontal priorities are included activities on circular economy and the achievement of energy and resource effectiveness.

All the activities of the CoC will be united in an electronical cloud for exchange and fast usage and structuring of the information. An important priority is the innovative activity based on superior achievements in the scientific research activity. 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 the business and scientific institutions are planned.

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*Project BG05M2OP001-1.002-0019 financed by Operational program “Science and education for smart growth” 2014-2020, co-financed by the European union through the European structural and investment funds.*



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**Leading partner of the CoC 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 Foundation “Cleantech Bulgaria”.

**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: March 2018 г. – 31<sup>st</sup> December 2023.

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