

List of selected projects

No.	Project code	Project name	Authors
1	BIN-SG02_SRP_01_01	The effect of activated carbon-based catalyst and reaction conditions in the laboratory two-stage gasifier on the municipal solid waste gasification	Steltenpohl P. Kissová E.
2	BIN-SG02_SRP_01_03	Biochar as a bi-functional eco-material for effective water disinfection	Nemčeková K. Kraičovičová T E.
3	BIN-SG02_SRP_01_04	Post-treatment of Wastewater by Coagulation, Adsorption and Disinfection for Its Reuse	Zakhar R. Jurík J. Staňová L.
4	BIN-SG02_SRP_01_08	Development and testing of the reactor for membrane crystallization	Červeňanský I. Kondáš R.

List of non-selected projects

No.	Project code	Project name	Authors
1	BIN-SG02_SRP_01_02	Measurement of properties of ionic liquids and their mixtures for the azeotropic mixture separation by extractive distillation	Steltenpohl P. Menkeová M.
2	BIN-SG02_SRP_01_05	Simple pretreatment of maize straw with the aim of increasing biogas production during its anaerobic treatment	Hutňan M. Sammarah M.
3	BIN-SG02_SRP_01_06	Multi-criteria decision analysis for enhanced decision making in chemical industry	Janošovský J. Kraviarová d.
4	BIN-SG02_SRP_01_07	Intensification of macronutrient removal process in a reactor with fluidized bed of natural zeolite and subsequent use of the solid phase in the agriculture	Derco J. Horná A.
5	BIN-SG02_SRP_01_09	Optimization of raw biogas purification to quality of natural gas using membrane separation	Mihaľ M. Piecka T.
6	BIN-SG02_SRP_01_10	Separation of the binary azeotropic mixture in the presence of a new green solvent-ionic liquid	Gracsová E. Vassie N.

Selected project outside the competition

No.	Project code	Project name	Authors
00	BIN-SG02_SRP_01_00	Purification of synthesis gas produced by thermo-catalytic gasification of mixed waste	Haydary, J. Polakvič P.
000	BIN-SG02_SRP_01_000	Implementation of solar photovoltaic thermal modules in agricultural greenhouses for simultaneous thermal storage and power generation	Ørnulf Damsgaard, Anders Haugen Sarker S.