| Kód<br>projektu | Český řešitel        | Česká instituce  | Slovninký<br>řešitel | Slovinská instituce   | Název projektu<br>English   |       | Podpora<br>2011 |
|-----------------|----------------------|--|----------------------|---|---|-------|-----------------|
| MEB 091027      | Eduard KUBU          |  | Žarko<br>LAZAREVIĆ   | Institut of<br>Contemporary History   | Bohemian and Slovene Society on their Way to<br>Modernism; Economic, Political and Cultural<br>Cooperation between Bohemian<br>Lands/Czechoslovakia and Slovenia/Yugoslavia in the<br>19th and 20th Centuries | 56000 | 56000           |
| MEB 091028      | Jan PELIKAN          | Charles University In<br>Prague<br>Faculty of Philosophy And<br>Arts<br>Institute of World History           | Jože PIRJEVEC        | University of<br>Primorska<br>Science and Research<br>Centre of Koper         | The Czechs and the Slovenes in the European<br>Changes of the 20th Century  | 56000 | 56000           |
| MEB 091033      | Ivo NEZBEDA          | J. E. Purkinje University<br>Faculty of Science  |                      | University in Ljubljana<br>Faculty of Chemistry<br>and Chemical<br>Technology | Water and Hydration of Nonpolar and Ionic Solutes   | 44000 | 44000           |
| MEB 091037      | Zdenek DVORAK        | Charles University<br>Faculty of Mathematics and<br>Physics<br>Institute for Theoretical<br>Computer Science |                      | Institute for<br>Mathematics, Physics<br>and Mechanics                        | Graph Partitions and their Applications   | 56000 | 56000           |
| MEB 091034      | Jarmila VINŠOVA      |  | Slovenko<br>POLANC   | University of Ljubljana   | Development of Novel Antituberculosis Agents and<br>Prodrugs Effective against Multidrug Resistant<br>Tuberculosis  | 56000 | 56000           |
| MEB 091016      | Markéta<br>HUDCOVA   | 0  | Sonja ŠOŠTAR<br>TURK | University of Maribor<br>Faculty of Health<br>Sciences                        | Disinfection of Hospital Textiles and Waste Water<br>Treatment Using Membrane Bioreactor  | 44000 | 44000           |
| MEB 091023      | Vladimir<br>VOHRALIK |  | Boris<br>KRYŠTUFEK   | University of<br>Primorska<br>Science and Research<br>Centre of Koper         | Biodiversity Pattern and Processes in South-Eastern<br>Europe   | 56000 | 56000           |
| MEB 091008      | Petr SAVICKY         |  | lgor<br>KONONENKO    | University of Ljubljana<br>Faculty of Computer<br>and Informaion<br>Science   | Machine Learning of Imbalanced Data   |       |                 |
|                 |                      |  |                      |   |   | 44000 | 44000           |

| MEB 091018 | Jiri PINKAS          | Masaryk University   | Andrej PEVEC           | University of Ljubljana<br>Faculty of Chemistry<br>and Chemical<br>Technology | Reactions of Phosphates and Phosphonates with<br>Organotitanium(IV) Fluorides and Alkoxides   | 56000 | 56000                 |
|------------|----------------------|--|------------------------|---|---|-------|-----------------------|
| MEB 091004 | Karel HOLADA         | Charles University<br>1st Faculty of Medicine<br>Institute of Microbiology                   | Vladka ČURIN<br>ŠERBEC | Blood Transfusion<br>Centre of Slovenia                                       | Development and Utilization of Anti- Prion Monoclonal<br>Antibodies for Detection of PrPtse/PrPc in Cell Cultures<br>and Blood  |       |                       |
| MEB 091020 | Miroslav<br>VYSOUDIL | and Immunology<br>Palacky University<br>Faculty of Science<br>Department of Geography        | Darko OGRIN            | University of Ljubljana   | Local Climate and Topoclimatic Mapping: Case Study<br>Slovene Istria and Central Moravia  | 35000 | <u>56000</u><br>35000 |
| MEB 091005 | Josef<br>STEMBERK    | Academy of Sciences of<br>the Czech Republic<br>Institute of Rock Structure<br>and Mechanics | Stanka ŠEBELA          | Scientific Research<br>Centre of Slovene<br>Academy of Sciences<br>and Arts   | Micro-Tectonic Deformations in Karst Caves,<br>Extensometers TM 71 and Pendulum Monitoring  | 56000 | 56000                 |
| MEB 091013 | Miroslav<br>ŠPANIEL  | Czech Technical University<br>in Prague<br>Faculty of Mechanical<br>Engineering              | Srečko GLODEŽ          | University of Maribor<br>Faculty of Natural<br>Sciencies and<br>Mathematics   | A Computational Model for Determination of Load<br>Capacity of Large Slewing Bearings   | 56000 | 56000                 |
| MEB 091015 | Jan PRIKRYL          | Czech Academy of<br>Sciences<br>Institute of Information<br>Theory and Automation            | Juš KOCIJAN            | Jozef Stefan Institute  | System Identification Based on Gaussian Process<br>Model for Traffic Control Applications   | 56000 | 56000                 |
| MEB 091010 | Jaroslava<br>OVESNA  | Crop Research Institute  | Jana ŽEL               | National Institute of<br>Biology  | Food and Feed Safety. Sampling and Analytical Strategies  | 56000 | 56000                 |
| MEB 091026 | Richard PAPIK        | Univerzita Karlova v Praze<br>Filozofická fakulta  | Alenka ŠAUPERL         | University of Ljubljana<br>Faculty of Arts                                    | Presentation and Evaluation of Science Performance  | 56000 | 56000                 |
| MEB 091007 | Libor FRIEDEL        | Tomas Bata University in<br>Zlin   | Igor PRODAN            | University of Ljubljana<br>Faculty of Economics                               | Research of a Model for Measurement of Cluster<br>Performance and Efficiency of Cluster Policies incl.<br>Case Studies of Selected Clusters from the Czech<br>Republic and Slovenia | 56000 | 56000                 |

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