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**FP7 - Capacities - Research Potential
Project No 204374**



**Reinforcing S&T Capacities of two Emerging Research Centers for
natural and industrial pollutant material in Serbia and Slovenia**

During the period from 7th to 21st December 2008. Aleksandar Kremenović visited Slovenia in order to enhance activities connected with work packages WP1- Renewal and upgrade of the necessary facilities at the UB-FMG, WP2 - Reinforcement of international co-operation. Networking, WP3 - Brain-gain activities at the education and research level, WP4 - Dissemination and outreach activities and WP5 - Project management. During that period he visited institutions:

1. Department of Inorganic Chemistry, Faculty of Chemistry and Chemical Technology, University of Ljubljana (contact person: Prof. Anton Meden)
<http://www.fkkt.uni-lj.si/en/>
2. Institute Jožef Štefan, Department for Nanostructured Materials (contact person: Dr Boštjan Jančar)
<http://www.ijs.si/ijsw/JSI>
3. Geological Survey of Slovenia, Department of Geochemistry and Environmental Geology (contact person: Dr Robert Šajn)
<http://www.geo-zs.si/>
4. Biotechnical Faculty, Agronomy Department, Center for Soil and Environmental Science, University of Ljubljana (contact person: Prof. Franc Lobnik)
http://www.bf.uni-lj.si/no_cache/en/deans-office/news.html

Informations about experiences in purchasing and maintain of instruments that has to be purchased through this project has been collected in regard to WP1. Special attention has been paid on the SEM/EDX system that represents the milestone of this project. Valuable informations and recommendations have been obtained from institutions listed as 2. and 3. Colleges from both institutions have recommended purchasing a JEOL SEM/EDX system. Also, informations about an upgrade of an X-ray diffractometer has been collected in institution listed as 1. Details of recommendations in purchasing and maintain of both instruments will be reported in detail in the annual report for this project.

Reinforcing of cooperation between two team member institutions (UB-FMG and GeoZS) was main task regarding WP2. Further networking of these institutions with institutions listed as 1., 2. and 4. was discussed. In order to apply to new open calls, especially FP7 calls, more pronounced cooperation and further networking is planned between here mentioned institutions.

Regarding WP3 it is planned participation of experts from above mentioned institutions (leading by contact persons) at the workshops organized by team members of this project. Experts from institutions listed as 2., 3. and 4. announced a need for PhD students (two in institution listed as 2. and one in institutions listed as 3. and 4. each) with educational background close to what could be found at the UB-FMG. Subjects of their PhD studies are closely connected to this project subject.

Regarding WP4 colleges from above motioned institutions were informed about project team activities. In the institution listed as 1. it was organized a detail presentation of the project. During the presentation special attention was paid to the organization of UB-FMG team. Presentation of project activities for other above mentioned institutions was organized at meetings in direct contacts. Special attention regarding dissemination activity was paid during a meeting with experts from institution listed as 4. Closer cooperation between our two institutions is planned for future.

In connection with WP5 experiences about management in this project were exchanged with team members from GeoZS. Timesheets production and organization of work were discussed and coordinated as well as plans for mobility.