

MINUTES

Of the 2nd Meeting of the Austrian-Macedonian Joint Commission for Scientific and Technological Co-operation implementing the Agreement between the Government of the Republic of Austria and the Government of the Republic of Macedonia on Scientific and Technological Co-operation of 1st November 2008

Skopje, 13th April 2011

The 2nd meeting of the Austrian-Macedonian Joint Commission for scientific and technological co-operation in accordance with Article 5 of the Agreement between the Government of the Republic of Austria and the Government of the Republic of Macedonia on Scientific and Technological Co-operation of 1st November 2008 , took place in Skopje on 13th April 2011. The Austrian delegation was headed by Mr. Hans-Martin WINDISCH-GRÄTZ.

The Macedonian delegation was headed by Mr. Jovan GRPOVSKI.

The list of the members of the two delegations can be found in *Annex 1*.

The Joint Commission adopted the following agenda:

1. Exchange of information on science and research
2. Prolongation of the Work Programme until 2014
3. Selection of projects for the period 2011-2013
4. Next meeting and call for project proposals for the period 2013 – 2014
5. Effectiveness of the minutes

ad 1. Exchange of information on science and research

Both sides supplied information on current developments of their national research policies.

The Joint Commission declared its intention to intensify bilateral scientific and technological co-operation activities by supporting the mobility of scientists in the framework of joint research projects. It emphasized the particular importance of successful partnerships within bilateral project co-operations in the field of science and research for an effective joint participation in international co-operation activities on a larger scale.

Both sides reached an understanding to encourage their researchers to jointly participate in EU projects.

ad 2. Prolongation of the Work Programme until 2014

The “Work Programme for the Years 2010 -2012” was adopted as *Annex 2* by the 1st Meeting of the Austrian-Macedonian Joint Commission for Scientific and Technological Co-operation in Skopje, on 9th November 2009 and still remains effective until 2012. The Work Programme will be prolonged for further 2 years until the end of 2014.

The Work Programme includes regulations about the forms and aspects of co-operation, general administrative regulations, the administration of the exchange of scientists and experts as well as financial regulations.

A copy of the “Work Programme for the Years 2012-2014” is attached as part of these minutes in *Annex 2*.

ad 3. Selection of projects for the period 2011-2013

The Joint Commission agreed upon financing mobility costs of 9 co-operation projects lasting from 1st May 2011 to 30th April 2013 listed in *Annex 3*.

ad 4. Next meeting and call for proposals for the period 2013 – 2014

The Joint Commission has reached an understanding that upcoming calls for proposals will be published in principal on a biennial basis by the responsible institutions (see Work Programme 3.1) at least six months prior to the meetings of the *Joint Commission for Scientific and Technological Co-operation*.

The *Joint Commission for Scientific and Technological Co-operation* will hold its next meeting to select the project proposals in the 2nd half of 2012 in Vienna and the next call for project proposals will be open from 16th January to 30th April 2012 .

An understanding on the exact date for the next meeting of the Joint Commission will be jointly reached through direct correspondence.

The Joint Commission has reached further understanding upon:

1. Holding additional bilateral meetings to settle strategic questions should they arise.

2. Supporting selected information exchange events and workshops in order to promote bilateral co-operation activities in the fields of science and research that are of common interest to both sides.

ad 5. Effectiveness of minutes

These minutes will remain effective until 31st December 2014. They will remain effective beyond this date until new minutes become effective for a maximum period of another year.

Done in Skopje on 13th April 2011 in two English original copies.

Head of the Austrian delegation



Hans-Martin WINDISCH-GRÄTZ

Head of the Macedonian delegation



Joyan GRPOVSKI

List of Delegations

Macedonian Delegation:

Jovan GRPOVSKI
Head of Delegation

State Counsellor, Cabinet of the Minister
Ministry of Education and Science

Ljupco KOCAREV

Macedonian Academy of Sciences and Arts

Julijana BALEVSKA

Advisor
Ministry of Education and Science

Stanka PETKOVSKA

Advisor
Ministry of Education and Science

Katerina SUMANOVSKA

Advisor
Ministry of Education and Science

Austrian Delegation:

Hans- Martin WINDISCH-GRATZ
Head of Delegation

Minister, Vice Director in the Federal Ministry for
European and International Affairs

Christine BUZECZKI

Vice Director of the Department for International
Research Co-operation, Federal Ministry of
Science and Research

Sonia BALTI

ICM – Centre for International Cooperation &
Mobility

**Work Programme
for the Years 2012 – 2014**

Adopted on the occasion of the 2nd Meeting of the Joint Commission for Scientific and Technological Co-operation implementing the Agreement between the Government of the Republic of Macedonia and the Government of the Republic of Austria on Scientific and Technological Co-operation of 1st November 2008, held in Skopje on 13th April 2011.

Skopje, 13th April 2011

1. Forms of Co-operation
2. Aspects of Co-operation
3. General Administrative Regulations
4. Administration of the Exchange of Scientists and Experts
5. Financial Regulations

1. Forms of Co-operation

- 1.1 According to Article 2 of the Agreement, joint co-operation projects will be carried out between Macedonian and Austrian institutions. A joint co-operation project is an activity upon which an understanding has been reached with clearly defined objectives to be achieved within a specific time frame. Each project will normally be of a duration of two years, implemented through exchange of people and information.
- 1.2 For the preparation and realization of joint co-operation projects financial support will be given for:
- a) short-term stays of up to ten days, each per year and project, of scientists at universities or other public scientific and research institutions as well as experts participating in these co-operation projects,
 - b) one longer stay of up to a maximum of one month per year and project and
 - c) the exchange of scientific and technological information and documentation in accordance with the respective national laws.
- 1.3 On a long-term basis, the costs arising from mobility for joint co-operation projects should be balanced between the two sides.

2. Aspects of Co-operation

- 2.1 The delegations have reached an understanding to provide mobility funds for co-operation projects from all scientific fields. Co-operation projects with the potential to lead to future multilateral co-operation within the framework programmes for research and technological development of the European Union will be favoured in order to stimulate the joint participation of Austrian and Macedonian scientists in European research programmes.
- 2.2 The financing of mobility costs within the framework of this Work Programme is also particularly intended to support young scientists and to pay attention to a balanced involvement of female and male researchers.

3. General Administrative Regulations

3.1 Responsible Institutions

3.1.1 In Macedonia:

Ministry of Education and Science

Department for Science and Technological Development

Ul. Mito Hadzivasilev-Jasmin bb, 1000 Skopje

Telephone: ++389 2 3140 185

Fax: ++389 2 3118 414 , 3118 630

Email: katerina.sumanovska@mon.gov.mk,

Internet: www.mon.gov.mk

3.1.2 In Austria:

The implementation of the Work Programme lies within the responsibility of:

Austrian Agency for International Mobility and Cooperation in Education, Science and Research

Austrian Exchange Service (OeAD-GmbH)

ICM-Centre for International Cooperation&Mobility

1010 Wien, Ebendorferstrasse 7

Telephone: +43 1 53408-445

Fax: +43 1 53408-499

Email: wtz@oead.at

Internet: <http://www.oead.at/wtz>

The Austrian Agency for international Mobility and Cooperation in Education, Science and Research is an institution commissioned by the Federal Ministry of Science and Research.

Federal Ministry of Science and Research

Department for International Research Co-operations

Rosengasse 2-6, 1014 Vienna

Telephone: +43 53120 7136

Fax: +43 1 53120 817136

Email: christine.buzeczki@bmwf.gv.at

Internet: <http://www.bmwf.gv.at>

3.2 Selection procedure of co-operation projects

3.2.1 The upcoming calls for proposals will be published on a biennial basis by the responsible institutions (3.1) at least six months prior to the meetings of the Joint Commission for Scientific and Technological Co-operation.

3.2.2 Submitted project applications will include:

1. topic,
2. names and addresses of the co-operating Macedonian and Austrian institutions, Macedonian and Austrian co-ordinators and research team members,
3. description of the proposed research subject and objectives,
4. work plan, start date and prospective duration of the co-operation project,
5. proof of qualifications of the co-ordinators,
6. involvement of young scientists (including date of birth),
7. an annual calculation of travels necessary for realizing the co-operation project and of costs thus arising.

3.2.3 Project applications will be prepared jointly by the Macedonian and Austrian scientists and will be submitted to the national institutions responsible for implementing the Work Programme (3.1).

3.2.4 Project applications registered with the responsible institutions (3.1) will be entered into a joint list after national evaluation.

3.2.5 Applications will be considered on the basis of the following evaluation criteria:

- Scientific quality of the work plan, originality of the idea
- Qualifications of the coordinators
- Potential for solving problems
- Quality of the cooperation and mutual benefit
- New partnerships
- Exploitation of the anticipated results
- Promotion of young research talents
- Balanced number of exchanged participants.

3.2.6 The final list of co-operation projects to be supported will be adopted by the Joint Commission for Scientific and Technological Co-operation.

- 3.3 At the end of the second project year, the project leaders will submit a jointly prepared final report on the progress and results of their research activities to the Austrian and Macedonian institutions responsible for the implementation of the Work Programme (3.1).
- 3.4 The exploitation, possible patent registration and publication of project results are subject to the national laws which are in force in Austria and Macedonia.

4. Administration of the Exchange of Scientists and Experts

- 4.1 The co-operating partners will reach an understanding on the date and duration of a stay at the host institution at least three weeks prior to the intended date of visit.
- 4.1.1 The Austrian project leader will nominate the Macedonian scientist in question at the Centre for International Cooperation & Mobility (ICM) of the Austrian Exchange Service.
- 4.1.2 The Macedonian project leader will nominate the Austrian scientist in question at the Ministry of Education and Science.
- 4.1.3 The communication concerning the stay is effected directly between the institutions in question.
- 4.2 Each side will facilitate the access to its scientific institutions, libraries, archives and museum collections for the project partners of the other side that are sent in the framework of the Austrian-Macedonian Agreement on Scientific and Technological Co-operation. Furthermore, both sides will guarantee the free exchange of scientific information and documentation in conformity with their national laws and financial possibilities.

5. Financial Regulations

5.1 Each side will cover the travel costs of persons sent and the accommodation costs of persons hosted.

5.2 In Austria

Each project can be funded by a maximum of 3000 Euros per year.

5.2.1 For short-term stays of up to ten days planned in the framework of approved projects, the following rate in Euro (€), including overnight costs, will be granted:

➤ € 73,- per day

5.2.2 For stays of up to a maximum of one month planned in the framework of approved projects, the following monthly rates in Euro (€), including overnight costs, will be granted:

➤ € 1.200,- per month for scientists of more than 35 years of age

➤ € 1.040,- per month for graduates of more than 30 and up to 35 years of age

➤ € 940,- per month for students and graduates of up to 30 years of age

5.2.3 Macedonian scientists will receive payment personally at the local offices of the Austrian Exchange Service or directly at the Austrian host institution.

5.3 In Macedonia

5.3.1 Austrian scientists and experts will be paid in accordance with the current Macedonian legislation for funding of bilateral projects, by a maximum of 3.000 Euros per project, per year (MKD 200.000).

5.3.2 These funds are bound to cover accommodation costs and daily allowance of Austrian scientists and experts and the travel costs of Macedonian scientists and experts.

5.3.3 Austrian scientists and experts will receive payment personally at the host institution.

5.4 The sending side will assure that the scientists and experts sent have necessary and adequate health insurance cover..

List of joint MK-AT project proposals 2011/2012

| No. | Project Title | Macedonia | | | Austria | | | Evaluation | |
|-----|---|-------------------|--|------------------------------------|--|------|----|------------|--|
| | | Coordinator | Institution | Coordinator | Institution | MK | AT | Aver. | |
| 1. | Quality Management in radiology with Special Focus on Radiation Protection in Macedonia | Elisaveta Stikova | Institute of Public Health of the Republic of Macedonia | Erich Sorantin | Dep. of Radiology Medical University Graz | 4.87 | 48 | 48.3 | |
| 2. | Wavelet based methods for power quality disturbance analysis | Vladimir Dimcev | Faculty of Electrical Engineering and Information Technology – UKIM Skopje | Prof. Dr. Lothar Ficket | Graz University of Technology – Institute of Power Electrical Systems | 4.75 | 45 | 46.3 | |
| 3. | Asymptotics in Coorbit Spaces | Katerina Saneva | Faculty of Electrical Engineering and Information Technology – Skopje | Prof. dr. Hans Georg Feichinger | Institute for Mathematics University Vienna NuHAG | 4.81 | 43 | 45.6 | |
| 4. | Joint simulation model for strategic decision support | Robert Minovski | Faculty of Mechanical Engineering – Skopje | Prof. Dr. Siegfried Vossner | Institut für Maschinenbau und Betriebsinformatik, TU Graz | 4.5 | 45 | 45 | |
| 5. | Anew scientific approach for improvement and appropriate management of waste water systems in Republic of Macedonia | Todor Anovski | Faculty of Technology and Metallurgy – Skopje | Prof. Dr. Thomas Erti | Wien University of Natural Researches and Applied Life Sciences | 4.87 | 40 | 44.4 | |
| 6. | Cross Sectorial Transfer of Design & Evaluation Methods | Saso Josimovski | Faculty of Economics E-business Department UKIM_Skopje | Christian Stary Johannes Kepler | Universitat Linz | 4.87 | 40 | 44.4 | |
| 7. | Linear and Nonlinear Fractional Diffusion Models | Zivorad Tomovski | Faculty of Natural and mathematical Sciences/ Institute of Mathematics UKIM- Skopje | Dr. Sabine Hittmeir | Institute für Analysis and Scientific Computing, Vienna University of Technology | 4.18 | 44 | 42.9 | |
| 8. | Design of new, low cost methods for chemical deposition of inorganic thin solid films, their electrochemical characterization and application as chronoamperometric biosensors and electrochromic devices | Metodija Najdoski | Sts. Cyril and Methodius University Faculty of Natural and mathematical Sciences/ Institute of Chemistry | Prof. Dr. Kurt Kalcher | Institute of Chemistry, Karl-Franzens University Graz, Austria | 4.18 | 43 | 42.4 | |
| 9. | Use of GNSS reference station network to provide close to real time atmospheric models for weather forecast and monitoring of tectonic movements (Acronym: GNSS Atmosphere) | Zlatko Srbimovski | Faculty of Civil Engineering Department of High Geodesy UKIM-Skopje | Prof. Dr. Robert Weber | TU Wien, Institute of Geodesy and Geophysics | 40 | 40 | 40 | |