

Ljubiša RAKIĆ*

MEETING OF THE PROGRAM COMMITTEE**

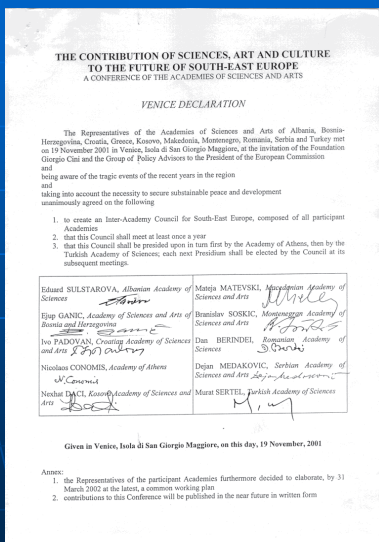
HISTORICAL BACKGROUND

THE REPRESENTATIVES OF THE NATIONAL ACADEMIES OF SCIENCES AND ARTS OF ALBANIA, BOSNIA-HERZEGOVINA, CROATIA, GREECE, KOSOVO, MACEDONIA, MONTENEGRO, ROMANIA, SERBIA AND TURKEY MET ON NOVEMBER 19, 2001 IN VENICE, AT THE INVITATION OF THE FOUNDATION GIORGIO CINI AND GROUP OF POLICY ADVISORS TO THE PRESIDENT OF EUROPEAN COMMISSION, BROUGHT UNIQUE SUCCESS BY CREATING THE *INTER-ACADEMY COUNCIL FOR SOUTH-EAST EUROPE (IACSEE)* AND ADOPTING THE SO-CALLED "*VENICE DECLARATION*".

* Prof. Ljubiša Rakić, Chairman of the Program Committee of IACSEE, Vice-President, Serbian Academy of Sciences and Arts

** The paper is given in terms of PowerPoint presentation.

VENICE DECLARATION



**THE SECOND MEETING OF IAC SEE -
BUDVA (MONTENEGRO), OCTOBER,
7-8, 2004. THE PROGRAM COMMITTEE
HAS BEEN ESTABLISHED.**

**PARTICIPANTS: ALBANIA, BOSNIA
AND HERCEGOVINA, BULGARIA,
KOSOVO, MACEDONIA,
MONTENEGRO, SERBIA, TURKEY**

THE PROGRAM COMMITTEE HELD FIVE MEETINGS:

SKOPJE, NOVEMBER 24, 2004

**PARTICIPANTS: ALBANIA, BOSNIA AND
HERCEGOVINA, MACEDONIA, MONTENEGRO,
SERBIA (5)**

BELGRADE, MAY 17, 2005

**PARTICIPANTS: ALBANIA, BOSNIA AND
HERCEGOVINA, MACEDONIA, ROMANIA, SERBIA,
TURKEY (6)**

TIRANA, NOVEMBER 10, 2007

**PARTICIPANTS: ALBANIA, BOSNIA AND HERCEGOVINA,
BULGARIA, KOSOVO, MACEDONIA, MONTENEGRO,
ROMANIA, SERBIA, TURKEY (9)**

SARAJEVO, OCTOBER 26, 2007

**PARTICIPANTS: ALBANIA, BOSNIA AND HERCEGOVINA,
BULGARIA, KOSOVO, MACEDONIA, MONTENEGRO,
ROMANIA, SERBIA, TURKEY (9)**

SOFIA, APRIL 3, 2009

CONSULTATIVE MEETING OF PC

IN THE MEANTIME,
CONSULTATIONS HAVE
BEEN DONE AMONG
RESEARCHERS FROM
MEMBER ACADEMIES,
CONCERNING THEIR WORK
ON JOINT PROJECTS.

PREVIOUS MEETINGS OF THE PROGRAM
COMMITTEE HAVE DEALT WITH THE
POSSIBILITIES OF INVOLVING
ACADEMIES FROM SEE COUNTRIES IN
FP6, FP7, COST AND UNESCO PROJECTS,
THROUGH MULTILATERAL INTER-
ACADEMY PROJECTS, INTER-ACADEMY
COOPERATION AND OTHER MODALITIES
OF BILATERAL COOPERATION.

**AFTER THAT, SEVERAL PRACTICAL
INITIATIVES HAVE BEEN
ESTABLISHED:**

1. **ACTIVITIES TO APPROACH FP 7**
2. **COST PROGRAM**
3. **GLOBAL PROJECTS**
4. **REGIONAL PROJECTS**

**ONGOING AND PROPOSED
ACTIVITIES**

CONTINUATION AND IMPROVEMENT OF ONGOING ACTIVITIES

I FP 7 COST GENERAL/REGIONAL PROJETS INCLUDING NEW ONES

1. EUROPEAN COLLABORATION AND FRAMEWORK PROGRAM

- FP 7 PROGRAM** (INTRODUCTION OF **SEEA** SCIENTIFIC INSTITUTIONS FOR APPLICATION)
 - INCREASING APPLICATIONS FOR FP-7 FROM SEE REGIONS (SEE FOLLOWING SLIDES)
 - POSSIBLE RENEWAL OF PREVIOUS INITIATIVE OF POTOČNIK FOR THE WEST BALKAN COUNTRIES PROGRAM

GENERAL ACTIVITIES OF THE SCIENTIFIC COMMUNITIES IN THE REGION AND ACADEMIES AS WELL, GENERAL IMPROVEMENT COULD BE NOTICED

FP 7

Cooperation

| | Projects submitted | Projects evaluated | Projects mainlisted |
|---------------|--------------------|--------------------|---------------------|
| Albania | 51 | 45 | 4 |
| B&H | 62 | 54 | 5 |
| Croatia | 276 | 253 | 29 |
| FYROM | 85 | 76 | 12 |
| Montenegro | 34 | 28 | 3 |
| Serbia | 228 | 199 | 20 |

Ideas ERC starting grants

| citizens from | All incoming applications | | | | Selected top 300 projects | | | |
|------------------|---------------------------|----------------------|------------|-----------|---------------------------|----------------------|------------|----------|
| | Life Sciences | Physical Sciences | Humanities | Total | Life Sciences | Physical Sciences | Humanities | Total |
| Albania | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| B&H | 0 | 1 | 1 | 2 | 0 | 0 | 0 | 0 |
| Croatia | 8 | 16 | 2 | 26 | 0 | 0 | 0 | 0 |
| FYROM | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| Montenegro | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Serbia | 6 | 30 | 0 | 36 | 0 | 0 | 0 | 0 |

Ideas ERC advanced grants

| Host country in: | All incoming applications | | | |
|------------------|------------------------------|-------------------|------------|----------|
| | Life Sciences | Physical Sciences | Humanities | Total |
| Albania | 0 | 0 | 1 | 1 |
| B&H | not possible (third country) | | | |
| Croatia | 3 | 0 | 1 | 4 |
| FYROM | 0 | 2 | 0 | 2 |
| Montenegro | 0 | 0 | 0 | 0 |
| Serbia | 2 | 0 | 0 | 2 |

People Marie Curie grants

| | Grants submitted | Grants evaluated | Grants mainlisted |
|---------------|------------------|------------------|-------------------|
| Albania | - | - | - |
| B&H | 1 | 1 | 0 |
| Croatia | 5 | 5 | 1 |
| FYROM | - | - | - |
| Montenegro | - | - | - |
| Serbia | 4 | 4 | 0 |

People/2 Initial Training Network

| | Evaluated (submitted) | Ranked (invited for negotiation) |
|---------------|--------------------------|-------------------------------------|
| Albania | | |
| B&H | | |
| Croatia | | |
| FYROM | | |
| Montenegro | | |
| Serbia | | |

People/3 Industry/Academia

| | Evaluated (submitted) | Ranked (invited for negotiation) |
|---------------|--------------------------|-------------------------------------|
| Albania | | |
| B&H | | |
| Croatia | | |
| FYROM | | |
| Montenegro | | |
| Serbia | | |

Capacities/SME

| | Projects submitted | Projects evaluated | Projects mainlisted |
|---------------|-----------------------|-----------------------|------------------------|
| Albania | - | - | - |
| B&H | 1 | 1 | 0 |
| Croatia | 22 | 22 | 3 |
| FYROM | - | - | - |
| Montenegro | 1 | 1 | 0 |
| Serbia | 11 | 11 | 0 |

Capacities/research potential Regpot1 (MS/AC)

| | Evaluated (submitted) | Ranked (invited for negotiation) |
|---------------|--------------------------|-------------------------------------|
| Albania | - | - |
| Croatia | 2 | 1 |
| FYROM | - | - |
| Serbia | 11 | 2 |

Capacities/research potential Regpot3 (WBC)

| | Evaluated (submitted) | Ranked (invited for negotiation) |
|---------------|--------------------------|-------------------------------------|
| Albania | - | - |
| B&H | - | - |
| Croatia | 27 | 2 |
| FYROM | 30 | 3 |
| Montenegro | 15 | 0 |
| Serbia | 94 | 14 |

COST PROJECTS

2.1 “ELECTRICAL NEURONAL OSCILLATIONS AND COGNITION (ENOC)”

ACTION CHAIR: ACADEMICIAN JORDAN POP-JORDANOV,
MACEDONIA.

THE ACTION HAS BEEN LAUNCHED AT THE 161st CSO MEETING ON MARCH, 15, 2005 IN BRUSSELS. SOON AFTER, EIGHT EUROPEAN COUNTRIES HAVE SIGNED THE MEMORANDUM OF UNDERSTANDING, AND NOW THIS NUMBER IS INCREASED TO 17. THE MANAGEMENT COMMITTEE (MC) OF THE ACTION HAS HOLD THE MEETINGS – FIRST IN BRUSSELS (23.05.2005), SECOND IN ISTANBUL (04.09.2005), THIRD IN SWANSEA (SEPTEMBER, 16-18, 2006), FORTH IN FLORENCE (MARCH 26-28, 2007) FIFTH IN GOTTINGEN (OCTOBER 12-14, 2007), SIXTH IN SEVILLE (MAY 7-11, 2008) MORE DETAILS ABOUT THE ACTION CAN BE FOUND ON

WWW.MANU.EDU.MK/COSTB27

2.2 “NEURAL REGENERATION AND PLASTICITY (NEUREPLAST)” –

COST ACTION B 30, 2006-2010.

18 COUNTRIES (16 FROM EU) TAKE PART IN THE PROJECT.

SEVEN COUNTRIES FROM IAC SEE ARE INCLUDED (CROATIA, GREECE, MACEDONIA, MOLDOVA, ROMANIA, SERBIA, TURKEY)

**ADDITIONAL COST ACTIONS
IN SERBIA**

- Participation in 137 COST Actions, from 2001 in 118
- Participation in 85 running COST Actions
- One COST Action(COST 539) chaired by Serbia
- 4 proposals on Open Calls, Serbia proposed (no one passed)
- 11 participations in COST proposals (8 were successful)
- ~100 MC (Management Committee) members in running COST Actions
- ~ 18 experts in running COST Actions
- ~ 12 rapporteurs of running COST actions 2
- CSO (Committee of Senior Officials) members
- 9 Domains members

Nine Key Scientific Domains

- ✓ Biomedicine and Molecular Biosciences
- ✓ Food and Agriculture
- ✓ Forests, their Products and Services
- ✓ Materials, Physical and Nanosciences
- ✓ Chemistry and Molecular Sciences and Technologies
- ✓ Earth System Science and Environmental Management
- ✓ Information and Communication Technologies
- ✓ Transport and Urban Development
- ✓ Individuals, Societies, Cultures and Health
- ◆ Trans-Domain Proposals allow for broad, multidisciplinary proposals to strike across the nine scientific domains.

Participation of Serbia in the running COST Actions

| Domain | No. | Actions |
|--------------|-----------|---|
| BMBS | 14 | B25, B26, B27, B28, B30, B35, BM0601, BM0602, BM0603, BM0605, BM0607, BM0702, BM0703, BM0801 |
| CMST | 8 | CM0601, CM0602, CM0603, CM0804, CM0805, D39, D41, D43 |
| ESSEM | 7 | 636, 637, 734, ES0601, ES0603, ES0803, ES0901 |
| FA | 15 | 858, 863, 865, 871, 873, 928, 929, FA0602, FA0603, FA0604, FA0701, FA0802, FA0803, FA0805, FA0807 |
| ISCH | 6 | A28, A30, A32, A33, IS0702, IS0901 |
| FPS | 8 | E47, E49, E52, E53, FP0603, FP0703, FP0801, FP0802 |
| ICT | 13 | 2100, 2102, 294, 297, 298, IC0603, IC0604, IC0802, IC0803, IC0806, IC0901 , IC0903 , IC0904 |
| MPNS | 8 | 539, 540, MP0602, MP0701, MP0702, MP0801, P16, P18 |
| TUD | 6 | 358, C22, C23, C25, TU0701, TU0901 |
| Total | 85 | |

3. GLOBAL/REGIONAL PROJECTS:

3.1. *“A SCIENTIFIC APPROACH TO CULTURAL HERITAGE IN SOUTH-EAST EUROPE”*
(COORDINATOR: TURKISH ACADEMY OF SCIENCES) WITH PARTICIPATION OF THE FOLLOWING SEEA (ALBANIA, ATHENS, BOSNIA AND HERZEGOVINA, BULGARIA, KOSOVO, MACEDONIA, SERBIA, MONTENEGRO)

3.2. "BALKAN ENDEMIC NEPHROPATHY"

STARTED IN 2005 (PRINCIPLE COORDINATOR: CORR. MEMBER OF SERBIAN ACADEMY OF SCIENCES AND ARTS, VLADISAV STEFANOVIC) WITH PARTICIPATION OF INVESTIGATORS FROM 6 SEEA (BOSNIA AND HERZEGOVINA, BULGARIA, CROATIA, MACEDONIA, ROMANIA AND SERBIA) AND 10 COUNTRIES FROM EUROPE AND NORTH AMERICA. THREE MEETINGS HAVE BEEN ORGANIZED, IN BELGRADE, DECEMBER 21, 2005, (TUZLA, NIS AS WELL) IN ZAGREB, OCTOBER, 20-22, 2006, IN BELGRADE, NOVEMBER 9-10, 2007, BOL (CROATIA) 2008, BELGRADE APRIL 16-17 2009 AND SARAJEVO (B&H) MAY 5, 2010

3.3 PROPOSED NEW REGIONAL PROJECTS

3.3.1. "TECHNOLOGY AND COMPETITIVENESS OF THE SOUTHEAST EUROPEAN ECONOMIES"
(PRINCIPLE COORDINATOR: CORR. MEMBER OF THE SERBIAN ACADEMY OF SCIENCES AND ARTS, CASLAV OCIC). SO FAR ACCEPTED BY ALBANIAN, BOSNIAN-HERCEGOVINIAN, MACEDONIAN, MONTENEGRIN, REPULIKA SRPSKA AND ROMANIAN ANDEMIES OF SCIENCES, INSTITUTE FOR PUBLIC FINANCES, ZAGREB, ECONOMICS INSTITUTE, BANJA LUKA

3.3.2. *"PROGRAM FOR FRUIT TREES AND GRAPEVINE IN KOSOVA (COORDINATOR: KOSOVA ACADEMY OF SCIENCES AND ARTS). ALL ACADEMIES OF SEE ARE ENCOURAGED TO PARTICIPATE*

3.3.3. *"DIABETIC NEPHORPATHY IN SEE REGION"*
(COORDINATOR:
ACADEMICIAN MOMIR POLENKOVIC,
MACEDONIAN ACADEMY OF SCIENCES
AND ARTS)

3.3.4. “SOUTHEASTERN EUROPEAN NETWORK IN MATHEMATICAL AND THEORETICAL PHYSICS – SEENET MTP” (COORDINATOR: BULGARIAN ACADEMY OF SCIENCES)

3.3.5. “WATER BASED NANOMEDICINE: SCIENCE, TECHNOLOGY AND ENGINEERING (COORDINATOR: SERBIAN ACADEMY OF SCIENCES AND ARTS), PARTNER INSTITUTIONS: ACADEMY OF SCIENCE AND ARTS OF THE REPUBLIC OF SRPSKA, ACADEMY OF SCIENCES AND ARTS OF B&H, MONTENEGRIN ACADEMY OF SCIENCES AND ARTS, BULGARIAN ACADEMY OF SCIENCES

**3.3.6. “STUDY OF THE ELECTROMAGNETIC
FIELD WITH THE CONSEQUENCES TO
HEALTH, ENVIRONMENT AND
ECONOMY”**

**(COORDINATOR: ALBANIAN ACADEMY OF
SCIENCES). ALL ACADEMIES OF IAC SEE ARE
ENCOURAGED TO PARTICIPATE**

4. FACILITATION OF BILATERAL COOPERATION

**TRANSFORMATION OF BILATERAL TEMATIC
AGREEMENTS BETWEEN NAS OF SEE TO
MULTILATERAL PROJECTS**

**BILATERAL AGREEMENTS BETWEEN ACADEMIES
OF THE REGION, WITH THE POSSIBILITY TO BE
MULTILATERAL**

**156 BILATERAL PROJECTS EXIST BETWEEN
ACADEMIES OF THE REGION**

4.1. ASTRONOMY

PARTNER INSTITUTIONS:

IN SERBIA: ASTRONOMICAL OBSERVATORY

(Dr. Zoran Knezevic)

IN BULGARIA: INSTITUTE OF ASTRONOMY BAS

(Dr. Milcho Tsvetkov)

IN ROMANIA: ASTRONOMICAL INSTITUTE RA

(Dr. Vasile Mioc, Dr. Petre Popescu)

4.2. MAPPING OF ENDEMIC VASCULAR FLORA OF THE BALKANS

PARTNER INSTITUTIONS:

Botanical Institute and Garden, Faculty of Biology
and Committee for Flora and Vegetation of Serbia, SASA

(Prof. Dr Vladimir Stevanović)

Institute for Biodiversity, BAS, Sofia

(Dr Ana Petrova, Dr Vladimir Vladimirov)

Faculty of Science, University of Copenhagen, Denmark

(Dr Kit Tan)

Macedonian Academy of Sciences and Arts

(Prof. Dr Vlado Matevski)

4.3. GEOSCIENCES

REGIONAL GEOLOGY, PALEONTOLOGY, MINERALOGY
AND PETROLOGY PARTNER INSTITUTIONS:

- *IN SERBIA*: SASA DEPARTMENT FOR MATHEMATICS,
PHYSICS AND GEO-SCIENCES, FACULTY
OF MINING AND GEOLOGY, GEOLOGICAL INSTITUTE
OF SERBIA (academician Stevan Karamata, academician
Marko Ercegovic and academician Vidojko Jovic)
- *IN BULGARIA*: GEOLOGICAL INSTITUTE OF BAS
(academician Ivan Zagorchev)
- *IN MONTENEGRO*: MONTENEGRIN ACADEMY
OF SCIENCES AND ARTS (Dr. Marko Pajović)
- *IN MACEDONIA*: MACEDONIAN ACADEMY OF
SCIENCES AND ARTS (Prof.Dr. Blažo Boev)

4.4. NATIONAL MINORITIES

PARTNER INSTITUTIONS:

- *IN SERBIA*: SASA DEPARTMENT OF SOCIAL
SCIENCES - INTER-DEPARTMENTAL COMMITTEE
FOR STUDY OF MINORITIES AND
HUMAN RIGHTS (academician Vojislav Stanovčić)
- *IN ROMANIA*: INSTITUTE FOR SOCIO-HUMAN
RESEARCHES RA, CRAIOVA (Mr. Mihail Fifor),
ETNOGRAPHY AND FOLKLORE INSTITUTE RA
(Dr. Carmen Obadeanu)

1. OPERATIONAL PROPOSALS

IT WAS CONCLUDED THAT EACH PRESIDENT OF THE ACADEMY WOULD EXPLORE THE POSSIBILITY OF OBTAINING NECESSARY FUNDS FOR THE PROGRAM ACTIVITIES OF THE COMMITTEE FROM THE COMPETENT MINISTRY.

2. INITIATIVE OF THE TURKISH ACADEMY OF SCIENCES, SUPPORTED BY THE PROGRAM COMMITTEE, HAS INSTITUTIONALIZED JOINT WORK ON THE PROJECT “A SCIENTIFIC APPROACH TO CULTURAL HERITAGE IN SOUTH-EAST EUROPE”, WITH PARTICIPATION OF ACADEMY OF SCIENCES OF ALBANIA, ACADEMY OF ATHENS, ACADEMY OF SCIENCES AND ARTS OF BOSNIA AND HERZEGOVINA, MACEDONIAN ACADEMY OF SCIENCES AND ARTS AND SERBIAN ACADEMY OF SCIENCES AND ARTS - IAC SEE MEMBERS AND REPRESENTATIVES OF NATIONAL ACADEMY FROM AUSTRIA. THIS PROJECT WAS ALSO SUPPORTED BY **UNESCO.**

JOINT PROJECT COOPERATION WITH IC BSS

(INTERNATIONAL COUNCIL FOR BLACK SEA STUDIES) IC BSS MEMBERS WERE INVITED TO PARTICIPATE IN COOPERATION OF EXPERTS FOR PREPARATION FOR FP7 IN THREE FIELDS:

- ENVIRONMENT
- FOOD, AGRICULTURE AND BIOTECHNOLOGY
- ENERGY

THIS WAS IN ACCORDANCE WITH THE CONCLUSIONS OF THE SECOND CONFERENCE OF THE BLACK SEA ECONOMIC COUNCIL (BSEC).

THE FOLLOWING MEMBERS OF IAC SEE ALSO TAKE ACTIVE PART IN THE IC BSS:

ACADEMY OF SCIENCES OF ALBANIA
ACADEMY OF ATHENS
BULGARIAN ACADEMY OF SCIENCES
ROMANIAN ACADEMY OF SCIENCES
SERBIAN ACADEMY OF SCIENCES AND ARTS
TURKISH ACADEMY OF SCIENCES (6)

COOPERATION OF IAC SEE WITH RELEVANT REGIONAL AND WORLD-WIDE ACADEMY ASSOCIATIONS

- BSEC – 6 Member Academies of IAC SEE
- CEEN – 9 Member Academies of IAC SEE
- IAP – 104 Member Academies
- ALLEA – 53 Member Academies
- OTHER