

International Workshop

**Implementation of the Sustainable Development Concept
in South East Europe**

-

The Research and Technological Development Perspective

Venue

Inter-University Center Dubrovnik
Don Frana Bulića 4

Dubrovnik, June 3-5, 2005



Organizers

- **Austrian Science and Research Liaison Offices Ljubljana and Sofia**
- **International Center for Sustainable Development, Ljubljana, Slovenia**

in co-operation with

- **Inter-University Center, Dubrovnik, Croatia**
- **Jožef Stefan International Postgraduate School, Ljubljana, Slovenia**

This workshop is being (co-)funded by the Austrian Federal Ministry of Education, Science and Culture (bmbwk) within its South East Europe scientific co-operation initiative

Goals of the workshop

With this workshop the organisers want to contribute to **knowledge based sustainable development in South East Europe** and especially in so called **Western Balkan countries**.

At the workshop two aspects of sustainable development of SEE countries will be pointed out specifically:

- the importance of the **EU-accession process** for implementation of the sustainable development concept in policy areas like economic policy, energy policy, environmental policies etc. of these target countries and
- the need to build the modernisations in above mentioned policy areas on a solid **knowledge base** with adequate **scientific capacities** and know-how derived from **integration into European Research Area**.

To this end at the workshop there will gather about 40 high-profile researchers and research managers from Croatia, Serbia and Montenegro, Bosnia and Herzegovina, FY Republic of Macedonia, Albania, Austria, Slovenia, Greece, Bulgaria, Portugal and European Commission to exchange views on **status quo** and to highlight **areas where action and especially international co-operation is being needed in future** for the sake of sustainable development of SEE countries which are expected to become in the long run all members of European Union. The findings of the conference/workshop shall be presented at some major upcoming scientific events like the **2005 Dubrovnik Conference on Sustainable Development of Energy, Water and Environment Systems** (www.dubrovnik2005.fsb.hr), as well as to the November Conference of the **World Academy of Art and Science** (WAAS) and communicated to relevant governments and International organisations.

Preliminary Programme

Friday, June 3, 2005

17.00 **Guided Dubrovnik city tour** for the workshop participants

20.00 **Welcome reception** at the Inter-University Centre Dubrovnik

Saturday, June 4, 2005

9.00 – 9.45 **Opening session**

- **Krunoslav Pisk**, Inter-University Center Dubrovnik & Rudjer Boskovic Institute, Zagreb (Croatia)
- **Miroslav Polzer**, Austrian Science and Research Liaison Office Ljubljana – Centre for Social Innovation Vienna (Austria)
- **Aleksander Zidanšek**, International Center for Sustainable Development & Jožef Stefan Institute, Ljubljana (Slovenia)
- Introductory round – short **presentation of all participants**
- **Selection** of the members of the **drafting team for the conclusions of the workshop**

9.45 – 11.15 Panel “Sustainability concept as part of the EU accession process”

Moderator: **Miroslav Polzer**, Austrian Science and Research Liaison Office Ljubljana (Austria)

Introduction:

- **Robert Blinc**, Jožef Stefan Institute Ljubljana & Slovenian Academy of Sciences and Arts (Slovenia)
The Future of Europe in 2050: Perspectives of the Sustainability Concept
- **Ivo Šlaus and Krunoslav Pisk** Rudjer Boskovic Institute, Zagreb (Croatia)
The Future of South East Europe in 2050: R&D Needs of the Region
- **Bruno Schmitz**, Head of Unit - Research Training Networks, Research Directorate General (European Commission)
Marie Curie Actions – European Research Area and Human Potentials

Active participants:

- **Gordana Prutki-Pečnik**, Ministry of Science, Education & Sport - Directorate for International Cooperation, Zagreb (Croatia)
- **Krunoslav Subotić**, Vinca Institute of Nuclear Sciences, Belgrade (Serbia)
- **Maria G. Carvalho**, Instituto Superior Tecnico, Lisbon (Portugal)
- **Aleksandar Knežević**, Center for Technological Environmental Development CETEOR & University of Sarajevo (Bosnia and Herzegovina)
- **Bernhard Pelzl**, Joanneum Research Graz (Austria)

11.15 – 11.45 Coffee Break

11:45 – 13.15 Panel “How to implement the sustainability concept in policy areas like economy, energy, environment?”

Moderator: **Aleksander Zidanšek**, Jožef Stefan Institute & International Center for Sustainable Development, Ljubljana (Slovenia)

Introduction:

- **Naim H. Afgan** (UNESCO Chair-holder “Energy Sustainable Management”) and **Maria G. Carvalho**, Instituto Superior Tecnico, Lisbon (Portugal)
Sustainability Concept for Energy System Development

Active participants:

- **Reinhold Paulesich**, Department of Environmental Economics and Management, Vienna University of Economics and Business Administration, Vienna (Austria)
- **Miha Tomšič**, Energy Efficiency Centre - Jožef Stefan Institute, Ljubljana (Slovenia)
- **Dimitrij Najdovski**, X3DATA, Ljubljana (Slovenia)
- **Nataša Markovska**, Research Center for Energy, Informatics and Materials, Macedonian Academy of Sciences and Arts, Skopje (FY Republic of Macedonia)
- **Mirko Todorovski**, Research Center for Energy, Informatics and Materials, Macedonian Academy of Sciences and Arts, Skopje (FY Republic of Macedonia)

13.15 – 14.30 Lunch break

14.30 – 16.00 Panel “Scientific capacity building for sustainable development”

Moderator: **Stane Pejovnik**, Faculty for Chemistry and Chemical Technology - University of Ljubljana (Slovenia)

Introduction

- **Hans Schnitzer**, Institute for Sustainable Technologies and Systems – Joanneum Research, Graz (Austria)
Research Know-how Transfer in the Field of Sustainability Research – Austrian Experience within the Accession Process of the now new Member States from CEE Region
- **Jordan Pop-Jordanov, Nataša Markovska, Mirko Todorovski**, Research Center for Energy, Informatics and Materials, Macedonian Academy of Sciences and Arts, Skopje (FY Republic of Macedonia)
International Research Competitiveness in Function of Sustainable Development
- **Simeon Anguelov**, Bulgarian Academy of Sciences, Sofia (Bulgaria)
Sustainable policies for sustainable regional development

Active participants:

- **Fanny Milia**, National Center of Scientific Research "Demokritos", Athens (Greece)
- **Miroslav Polzer**, Austrian Science and Research Liaison Office Ljubljana (Austria/Slovenia)
- **Bruno Schmitz**, European Commission, Brussels
- **Robert Blinc**, J. Stefan Institute, Ljubljana (Slovenia)

16.00 -16.30 Coffee Break

16.30 – 18.00 Discussion on Research Co-operation Needs and Potentials in the field of Sustainable development in SEE region

Moderator:

- **Naim H. Afgan** Instituto Superior Tecnico, Lisbon (Portugal)

19.30 Dinner

21.30 Conclusions

The conclusions and recommendations of the workshop will be drafted by a drafting team that shall be nominated in the opening session of the workshop. After the dinner they are expected to be adopted by the participants of the conference.

The conclusions will be later on presented to: UNESCO, WAAS Conference, 2005 Dubrovnik Conference on Sustainable Development, Governments and International Organisations

Moderators: **Ivo Šlaus**, Croatian Academy of Sciences and Arts, Zagreb (Croatia) and **Robert Blinc**, Jožef Stefan Institute, Ljubljana & Slovenian Academy of Sciences and Arts (Slovenia)

Sunday, June 5, 2005

10.00 – 12.00 **Informal discussions, networking, development of research co-operation activities and departure of participants**

Links:

- Austrian Science and Research Liaison Offices Ljubljana and Sofia: www.aso.zsi.at
- Jožef Stefan Institute, Ljubljana, www.ijs.si
- Inter-University-Centre, Dubrovnik, www.iuc.hr
- EU Environmental information portal http://europa.eu.int/comm/environment/index_en.htm
- EUROSTAT Sustainable Development Indicators
http://epp.eurostat.ec.eu.int/portal/page?_pageid=1998,39223398,1998_39994175&_dad=portal&_schema=PORTAL
- Sixth RTD Framework Programme of the EU – International Co-operation:
http://europa.eu.int/comm/research/fp6/inco/index_en.html
- EU Marie Curie Research Training Networks, http://europa.eu.int/comm/research/fp6/mariecurie-actions/action/training_en.html

- IUC recommended hotels in Dubrovnik , www.iuc.hr/u_accommodation.html

For **organisational details** like hotel accommodation, paper handling, etc. contact Mr. Gorazd Weiss weiss@zsi.at, 00386-1-568 41 68 or 00386-31-637424



Main sponsor of this conference is the Austrian Federal Ministry of Education, Science and Culture (www.bmbwk.gv.at) in the framework of its SEE science cooperation initiative.