

**Carpathian Environmental Education Network
Move4Nature Teachers' Training Tour
First Planning Workshop
June 17-19, 2008 Bucharest, Romania**

Workshop Report

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Workshop Report

In a combined effort of the United Nations Environment Programme (UNEP) - Interim Secretariat of the Carpathian Convention and The Environment and School Initiatives (ENSI), the first planning workshop for the Carpathian environmental education network development and educator training was held in Bucharest, Romania on June 17-19, 2008 at the margins of the second Meeting of the Conference of the Parties to the Carpathian Convention. The workshop brought together governmental and academic experts, professionals and activists in education for Environment and Sustainable Development from Romania, Czech Republic, Hungary, Poland, Serbia, Slovakia, and Ukraine, including the Ministry of Education, Research and Youth of Romania and members of the recently established Carpathian Sustainable Education Network.

The main goals of the workshop were:

- 1) to bring together educational experts from Carpathian countries, and to solicit their advice on the best strategy for a Carpathian ecological education network development
- 2) to decide on the details of the teachers' training tour to take place in the Carpathian region of Romania
- 3) to suggest existing educational tools which can be used in the training tour, and select the tool package

The workshop served as a platform for discussion and experience exchange on the state of Education for Sustainable development in the Carpathian countries.

The first part of the workshop was focused on introduction of the UENP involvement in the Carpathians and the "Move4Nature" project to the participants, presenting the participants with the idea of and deciding on the further steps of developing the Carpathian education network exchange of experience among the participants with respect to the ESD process and educator training in the Carpathian countries.

As outcomes of the workshop, the following recommendations were given:

The Carpathian Ecological/sustainable education network will remain connected through an internet network: materials will be posted to the Poland UNESCO website: <http://www.unesco.pl/edukacja/casalen.html>. The network will serve to connect governmental and academic experts and activists in the field of education for sustainable development and educator training in the Carpathian countries. The workshop participants, as members, will invite other relevant parties to join the network.

- UNEP should set up a mailing group: Carpathian Sustainable Education Network, as the medium for discussion/communication in the Carpathian area. Participants of the workshop and other relevant/interested participants will be invited as members.
- UNEP, in cooperation with ENSI should make a short newsletter/report, to be shared with potentially interested parties, in order to extend the network.
- UNEP should invite the Ministries of Education, Environment and Agriculture to join the network and the Carpathian sustainable education activities. The ESD focal points in each country should be contacted

- CASALEN should find areas of cooperation with Climate Action – Romania, WWF and CERI: to build on the existing developments

The preliminary plan and schedule of the teacher's training tour in the Carpathian area of Romania was developed*.

The main concept Carpathian Environmental training kit was decided to focus on "Designing a nature/culture trail of a Carpathian area," and its preliminary components – to be fitted to the Carpathian Convention components, in a way specifically relating to climate change, transportation and biodiversity (protected areas)*.

* (see the meeting summary)

Workshop Summary

Ms. Gabriella Pasztor, the state secretary of The Ministry of Education, Research and Youth of Romania has informed the participants about the current state of the environmental education, and ESD in Romania, including involvement of the Ministries in the process, recent achievements and existing gaps.

The discussion focused on the degree of involvement of the Ministry of Environment and the Ministry of Education in ESD programs in each of the countries represented. In most, either one or the other ministry is involved to a greater degree.

The participants have recommended that UNEP should contact the **Ministries of Environment and the Ministries of Education** to ask for support/involvement in the project

- Mr. Attila Varga has informed the participants about the Environment and Schools Initiatives(ENSI), its developments, such as the climate change campaign and the educations tool based on the Norwegian educational tool and the possibility to become involved in the work of ENSI, such as participating in workshops, and potential cooperation with of ENSI countries to translate ENSI materials into national languages.
Mr Varga has also given the background of the CASALEN: Carpathian Sustainable Education Network; he explained that it functions as an empty framework to be filled with projects, that it can identify under any umbrella, and spoke about availability of the various funding mechanisms, such as the Visegrad fund
- Ms. Ilona Morzol has invited participants to send her information to include into the UNESCO website, where a page for CASALEN has been created: <http://www.unesco.pl/>
- Mr. Pier Carlo Sandei, UNEP-Vienna has given the background to the participants of the Second Conference of the Parties of the Carpathian Convention, the Mountain Partnership, and the work of the Carpathian Convention Secretariat in UNEP-Vienna.
- Ms. Tamara Mitrofanenko, UNEP-Vienna, has presented the background and preliminary details of the “Move4Nature” project and opened the floor to discussion about several aspects of the project, including the age group of students and disciplines which should be targeted by the project, as well as inclusion of the PET recycling component.

The discussion focused on the paradigm of Education for Sustainable development and its practice in the Carpathian countries. The participants agreed that ESD is a comprehensive concept, and should be multilateral in practice, including aspects of economy, local community, culture, etc, in addition to ecology.

- Mr. Hubert Hilbert, Committee for Sustainable Development. Slovakia gave a presentation about the Action plan of education for sustainable development in school in Slovakia, the concept of ESD and challenges of its proper implementation.
- Mr. Miroslav Tadic, from the Ministry of Environmental Protection of Serbia, spoke about Education for Sustainable Development in Serbia, about the CERI network, the UNECE process for ESD, and various existing environmental education programmes, such as 1) Educate the educators, 2) GreenPack, and 3) the Carpathian Ecoregion Initiative

- Mr. Jiří Kulich, Head of the Centre of Environmental Education SEVER, gave a presentation: “Czech national experience with ecological education networks and teaching tools,” including the ESD networks in Czech republic, developed documents and programmes, systems of financial support and existing teaching tools for environmental education (www.ekokatalog.cz) .
- Prof. Sergiy Stepanenko, Rector, Odessa State Environmental University, Focal Point for ESD, Ukraine spoke about the ESD Method in Ukraine.

Sharing Experience

- Ms. Eliza Teodorescu, President, and Ms. Ioana Ciuta, Vice president Climate Action Network Romania (CANR) spoke about the structure and activities of the Climate Action Network Romania RAC-RO and environmental education on climate change in Romania, and introduced a newly developed educational tool kit.
- Ms. Dana Caratas and Ms. Ioana Busila, from the WWF- Danube-Carpathian Education Programme, spoke about the teacher training activities by WWF.
- Ms. Miruna Ralea, the Project Manager of the Danube Box project, shared experience in its introduction in Romania.
- Mr. Lucian Ionescu, Director of the Country Office, Regional Environmental Center – Romania introduced the The Green Pack to the participants and spoke about its development and potential uses.
- Mr. Danut Gitan, Director, Training and Innovation Centre for Development in the Carpathians, spoke about the Centre and its environmental training activities.
- Mr. Radu Ray, President of the Romanian Mountain Forum - Centre of education, invited the participants to cooperate in the field of Carpathian Environmental Education.

Mr. Horatiu Popa, Green Echoes organization, has talked about the WWF projects for rural sustainable development and recommended the subject of manually managed meadows in connection with the climate change and suggested potential locations for the workshop, based on the WWF - Romania activities:

1. The Aries Valley in Apuseni Mountains (the site of a former *Arnica montana* project in Garda de Sus)
2. Grosii Tiblesului, Tibles Mountains / Maramures county (Brown bear and old growth forest project)

Detailed Planning of the Move4Nature Teacher’s Training Tour in Romania

The preliminary 6 stops of the training tour were decided. It was recommended that the teachers, NGOs, school authorities, natural park/protected area personnel in each area should be identified and contacted, in order to inform them about the project, and invite them to participate

It has been recommended to hold a second preparatory workshop before the tour, to be organized in Targu Mures, with participation from:

- the Ministry of Education, Research and Youth of Romania, UNEP/ENSI and Romanian Participants of the Planning workshop,
- teachers, NGO members and protected area educators from the areas where training should take place.

The purpose of the workshop:

- to inform a number of representatives from each of the selected tour stops about the Move4Nature project and the Carpathian tool kit, so that they can assist with the training organization in each stop and,
- to request information from the participants about the teacher training needs in their respective communities/neighbouring communities, so that each training workshop can be adapted accordingly,
- to give the teacher training to the participants, on the technique of interactive learning, both outside and inside the classroom, so that they become familiar with the concept and can assist with the training workshops in their respective “stops,”
- to coordinate with the protected area/park personnel carrying the workshops in the territory of the protected area/park.

It was recommended that the Teachers training tour should consist of one-day workshops, in each of the six selected areas, to which a group of experts/trainers will travel by a mini-bus/van

Recommendations about the preliminary schedule/stops of the tour, components of the training team and materials to be brought on the tour were elaborated.

- The following preliminary training tour stops were recommended:
 - Maramures
 - Vatra Dornei
 - Cluj
 - Tg Mures
 - Gheorgeni
 - Brasov
- Upon further consultation, it has been decided that a stop in the South-western area of the Carpathians will replace that in Targu Mures
- The training team on the bus:
 - UNEP/Carpathian Convention representative
 - 3-4 teacher trainers, including 1-2 authors of the training tools to be taken on the tour (NGOs involved)
 - 2-3 participants of the Workshop in Targu Mures
- Materials to be brought to the meeting and tour:
 - Information brochure about the project (in the form of Carpathian map)
 - selected components of the RAC-Ro interactive educational tools
 - selected materials already in Romanian language: such as some of the WWF materials
 - information (Presentation) about the Carpathian tool kit

- information (Presentation) of the PET Recycling
- Information about a contest of ideas/tools to be present in the kit

The Carpathian Tool Kit

It was recommended that after the tour, the participants should be asked for feedback/ideas specific to their area for the Carpathian tool kit. Also, a contest of the Student/teacher ideas should be announced for ideas of education tools and Carpathian natural/cultural components to be present in the kit¹.

Ms. Ilona Morzol shared environmental education materials from Poland as examples of possible training materials for the Tool Kit

Mr. Thomas Kazmierski, (Head, Department of Environmental Education, Ministry of Environment of the Check Republic), recommended that the Carpathian Toolkit should be based in the structure and contents on the contents on the Carpathian Convention.

- It was recommended that the tool kit should be focused on climate change, transportation and biodiversity (protected areas), and that it should:
 - target identifying problems specific to the community and solving them,
 - include connectivity between human activities and nature,
 - threats from development,
 - offer a vision of the Carpathians in connection with the Climate Change and development threats, deforestation and reforestation and bio indicators.
- It was recommended that the training tool kit should be used as a unifying idea, but it should remain flexible to be adapted to students of both lower and higher grades, in any country/part of the Carpathians.
- The training kit should target teachers of a number of disciplines, such as: biology, crafts, English/other foreign languages, physical education and that it should contain interdisciplinary components.
- At the same time, the training kit should become a tool to encourage both teachers and students to think critically about what is valuable to them in their surroundings, what problems exist, and how they could approach those problems.

To address the given recommendations, the - Main idea for the toolkit was elaborated by the participants:

- **“How to design a Carpathian nature/cultural trail”** - teaching students to make a “trail” representative of their neighboring part in the Carpathians, taking into consideration:
 - the transport to/through the trail,
 - natural resources of the Carpathians the trail presents,
 - cultural components the trail can offer (local products that can be produced there, such as medicinal plants/honey/crafts),
 - problems of the Carpathian environment which trail demonstrates (plant/animal species decline, changes in the landscape, migration of the rural population to the cities, and loss of traditional culture).

¹ **Regional input:** the contest for teacher/student ideas for the Carpathian tool kit will be announced in each country. The contest will result in a youth/teacher conference, devoted to the Carpathian Environmental issues, where the winners will be announced.

The Carpathian Convention COP II Side Events

During the breaks, participants had a chance to attend the following side-events of the Second Conference of the parties of the Carpathian Convention:

- Pristine Forests in the Carpathians with special focus on the Ukrainian and Slovakian Beech Forests (WHS)
- CEWEEB
- CERI: Carpathian ecological network (www.carpat.es.org)
- REC/EURAC

Agenda

**Carpathian Environmental Education Network
Move4Nature Teachers' Training Tour
First Planning Workshop
June 17-19, 2008 Bucharest, Romania**

Day 1 June 17th, Tuesday:

Carpathian Education Network

12:30: Welcome lunch

14:35 Assembly in the meeting room and introduction of the participants

14:45 Welcome and brief introduction, Ms. Tamara Mitrofanenko, UNEP-Vienna, Explanation of the workshop goals and plan, Ms. Tamara Mitrofanenko and a round of introduction by the participants

14:50 Welcome and introduction, Mr. Attila Varga, The Environment and School Initiatives (ENSI)

14:55 Welcome and information from the Romanian Ministry of Education, Ms. Gabriella Pasztor

- Ms. Ilona Morzol has invited participants to send her information to include into the UNESCO website, where a page for CASALEN has been created: <http://www.unesco.pl/>
- Ms. Pasztor has informed the participants about a recent event devoted to environmental education

15:48 Attila Varga, ENSI

- ENSI publication: ENSI can easily cooperate with any country to translate ENSI materials into national languages
- Quality criteria for our workshop
- The edu tool based on the Norwegian educational tool
- Climate change campaign

Discussion on the ESD

16:14 – 16:20 The 2nd Conference of the Parties of the Carpathian Convention and the Mountain Partnership, Mr. Pier Carlo Sandei, UNEP-Vienna

16:20-16:35 Coffee break

16:35 "Move4Nature project background and introduction" Ms. Tamara Mitrofanenko, UNEP-Vienna

16:45 "CASALEN" – The Carpathian Sustainable Education Network , Mr. Attila Varga, Senior researcher, Hungarian Institute for Educational Research and Development, Hungary

16:55 "Action plan of education for sustainable development in school in Slovakia," Mr. Hubert Hilbert, Committee for Sustainable Development. Slovakia

17:50 "Education for Sustainable Development in Serbia," Mr. Miroslav Tadic, Ministry of Environmental Protection of Serbia

18:00 Closure of the meeting

The Carpathian Convention COP II Side Events:

18:30 “Pristine Forests in the Carpathians with special focus on the Ukrainian and Slovakian Beech Forests (WHS)”

19:00 CEWEEB

Day 2 June 18th, Wednesday:

Regional Experiences with Teacher Training and ESD Education, Carpathian Environmental Education Tool Kit

10:15 discussion about the Network and further action

10:30 – 12:30 Presentations:

10:30 “Czech national experience with ecological education networks and teaching tools,” Mr. Jiří Kulich, Head, Centre of Environmental Education SEVER

10:45 “Climate Action Network Romania RAC-RO,” Ms. Eliza Teodorescu, President, Climate Action Network Romania.

10:50 “Environmental education on the climate change in Romania,” Ms. Ioana Ciuta, Vice president, Climate Action Network Romania.

11:10-11:30 Coffee Break

11:35 Ms. Dana Caratas: “Teacher Training activities by WWF”

11:45 “The ESD Method in Ukraine,” Prof. Sergiy Stepanenko, Rector, Odessa State Environmental University, Focal Point for ESD, Ukraine.

12:00 - 12:30 Discussion

A note from Anne Burill on the Carpathian Ecological Network educational initiative.

12:30 -15:00 Lunch Break

COP II Side-events:

1. CERI: Carpathian ecological network
2. REC/EURAC

15:15 – 16:30 Presentations

15:20 “The Danube box in Romania,” Ms. Miruna Raleam Project Manager, Danube Box, MaiMultVerde:

15: 55 “The Green Pack,” Mr. Lucian Ionescu, Director of the Country Office, Regional Environmental Center - Romania

16:10 Presentation by Mr. Danut Gitan, Director, Training and Innovation Centre for Development in the Carpathians

16:20 Presentation by Mr. Radu Ray, President, Romanian Mountain Forum - Centre of education

16:30 – 17:30 Discussion

17:30 Closure of the Workshop

Day 3 June 19th, Thursday:

Detailed Planning of the Move4Nature Teacher's Training Tour in Romania

Venue: AIDrom Ecumenical Conference and Training Center
(Str. Halmeu, nr. 12, sector Bucharest – Romania)

10:00 – 14:30 Discussion:

Second Preparatory workshop, organized in Targu Mures

- ❖ The purpose of the workshop
- ❖ Participants of the workshop
- ❖ The preliminary schedule of the stops is the following

The training team on the bus

- ❖ Materials to be brought to the meeting and tour

The Main idea of the Carpathian Tool Kit

List of Participants

Country	Name	Position	Organization	e-mail	Presentation/Input
Romania- Bucharest					
	Gabriella Pásztor	State Secretary	Ministry of Education and Research	pasztor@medu.edu.ro	Welcome, The state of environmental/ESD education in Romania
	Ms. Alina Moisescu	General Inspector	Pre-University Education Department, Ministry of Education and Research	alina.moisescu@medu.edu.ro alinamilenamoisescu@yahoo.com	Welcome
	Ms. Miruna Ralea	Project Manager	Danube Box, MaiMultVerde	miruna@maimultverde.ro	The Danube Box in Romania
	Mr. Razvan Marcu	Executive Director	Environmental NGO «ECOSENS »	macc@b.astral.ro	
	Ms. Dana Caratas	Coordinator Comunicare	WWF - The Danube-Carpathian Education Programme	dcaratas@wwfdcp.ro	The Danube-Carpathian education initiative and training materials
	Ms. Ioana Busila	Marketing Officer	WWF - The Danube-Carpathian Education Programme	ibusila@wwfdcp.ro	
	Ms. Adriana Craciun	National Coordinator GEF-SGP for Romania	United Nations Development Programme (UNDP) - Romania	adriana.craciun@undp.org	GreenPack
	Mr. Lucian Ionescu	Director of the Country Office	Regional Environmental Center – Romania (REC)	lucian.ionescu@recromania.ro	Green Pack
	Mr. Istvan Sido	Executive Director	Association "Pro Carpathian Convention"	iistvan_sido@yahoo.com	
	Ms. Eliza Teodorescu	President	Climate Action Network Romania	eliza.teodorescu@rac-ro.ngo.ro	Climate Action Network Romania RAC-RO

Country	Name	Position	Organization	e-mail	Presentation/Input
	Ms. Ioana Ciuta	Vice-President	Climate Action Network Romania	ioana.ciuta@rac-ro.ngo.ro	Environmental education regarding to the climate change in Romania
	Ms. Dana* Radler	Projects Office	British Council	Dana.Radler@britishcouncil.ro	*Could not attend, but will remain part of the network
Romania					
Cluj-Napoca	Ms. Maria Toth	Head	Environmental Organization HERO, Educational Department	herototh@cluj.astral.ro	
Tg Mures	Ms. Erzsebet Hajdu	Environmental Education contact, science instructor	NGO Focus Eco Centre, Liceul Pedagogic "Mihai Eminescu"	e.hajdu@yahoo.com	
Gheorgheni	Ms. Ildiko Bajko	President	AMOEBa Eco Center, Colegiul Tehnic Batthyany Ignac Gheorgheni	amoeba@hr.astral.ro	
Cluj-Napoca	Mr. Horatiu Popa	President	Asociatia Ecouri Verzi (Green Echoes Association)	popaehoratiu@yahoo.com	
Brasov	Ms. Marcela Sirbu	Biology teacher	George Moroianu High School	marci_sirbu@yahoo.com	
Hungary	Mr. Attila Varga	Senior Researcher Focal Point	Hungarian Institute for Education research and Development Environment and School Initiatives (ENSI)	vargaa@oki.hu	CASALEN, ENSI
Poland	Ms. Ilona Morzół	Coordinator Project Manager	Polish National Commission for UNESCO	i.morzol@unesco.pl	Please, send her the materials to put on the web-page
Ukraine	Mr. Sergiy Stepanenko	Rector, OSEU Head of Commission	Odessa State Environmental University Ministry's Commission of Environmental Education	rector@ogmi.farlep.odessa.ua	The state of Education for Sustainable Development in Ukraine

Country	Name	Position	Organization	e-mail	Presentation/Input
		ESD Focal Point			
Czech Republic	Mr. Thomas Kazmierski -	Head	Department of Environmental Education, Ministry of Environment	Tomas_Kazmierski@env.cz	
	Mr. Jiří Kulich	Head	Centre of Environmental Education SEVER	sever@ecn.cz	Czech national experience with ecological education networks and teaching tools
Serbia	Mr. Miroslav Tadic	Advisor	Ministry of Environmental Protection	miroslav.tadic@ekoserb.sr.gov.yu	Education for Sustainable Development in Serbia
Slovakia	Mr. Hubert Hilbert	President	Committee for Sustainable Development	hilbert@slovanet.sk	Action plan of education for sustainable development in school in Slovakia
Austria	Ms. Tamara Mitrofanenko	Consultant Project manager	United Nations Environment Programme, Regional Office for Europe (UNEP ROE) Vienna	Tamara.Mitrofanenko@unvienna.org tomamit@gmail.com	The UNEP Carpathian Environmental Education network and teachers' training tour
	Mr. Pier Carlo Sandei	Associate Programme Officer	United Nations Environment Programme (UNEP ROE) Vienna	PierCarlo.Sandei@unvienna.org	The Carpathian Convention and Mountain Partnership
	Mr. Danut Gitan	Director	Training and Innovation Centre for Development in the Carpathians	dangatan@cefidec.ro cefidec@warpnet.ro	The Centre of Carpathian Education
	Mr, Radu Rey	President	Romanian Mountain Forum	radurey@yahoo.com	Carpathian Mountain educational program, with the Ministry of Agriculture