



CARPATHIAN CONVENTION COP5

10-12 October 2017, Lillafüred, Hungary



Education for Sustainable Development in the Carpathian Countries

Education for Sustainable Development (ESD)

- Empowers people to take informed decisions and responsible actions for sustainable present and future
 - 4 dimensions: environment, society, culture and the economy
- Integrating critical issues - climate change, biodiversity, consumption, etc. - into education and training
- Lifelong Learning: empowering **learners of any age** to transform themselves and society:
 - skills for “green jobs”
 - motivating people to adopt sustainable lifestyles
- Any setting: formal, non-formal, informal



Source: unesco.org



ESD in SDGs

- **Target 4.7:** “By 2030, ensure that all learners acquire the **knowledge and skills needed to promote sustainable development**, including, among others, through education for sustainable development and sustainable lifestyles [...].
- **Target 12.8:** By 2030, ensure that people everywhere have the relevant information and awareness for sustainable development and **lifestyles in harmony with nature**
- **Target 13.3:** Improve education, awareness-raising and human and institutional capacity on **climate change** mitigation, adaptation, impact reduction and early warning

10-year UNECE Strategy for ESD (2005–2015)

Objectives:

- 1. Ensure that **policy**, regulatory and operational frameworks support ESD;
- 2. Promote sustainable development through **formal, non-formal and informal** learning;
 - Including Technical and Vocational Education and Training (TVET) in support of sustainable development and the transition to a green economy
- 3. Equip **educators with the competence** to include sustainable development in their teaching;
- 4. Ensure that adequate **tools and materials** for ESD are accessible;
- 5. Promote **research on and development of ESD**;
- 6. Strengthen **cooperation** on ESD at all levels within the ECE region.

Many past and ongoing initiatives...

- Text books and materials – for formal and informal education
- Teacher training, guidance
- Networks of schools, teachers
- Youth engagement – clubs, volunteering and training
- Heritage interpretation with protected areas, tourism
- Networks and platforms
- Policy

Text books and materials...

- Formal and non-formal education
- Teaching materials and guides



Training programmes...

Ukraine: *Together for Nature*

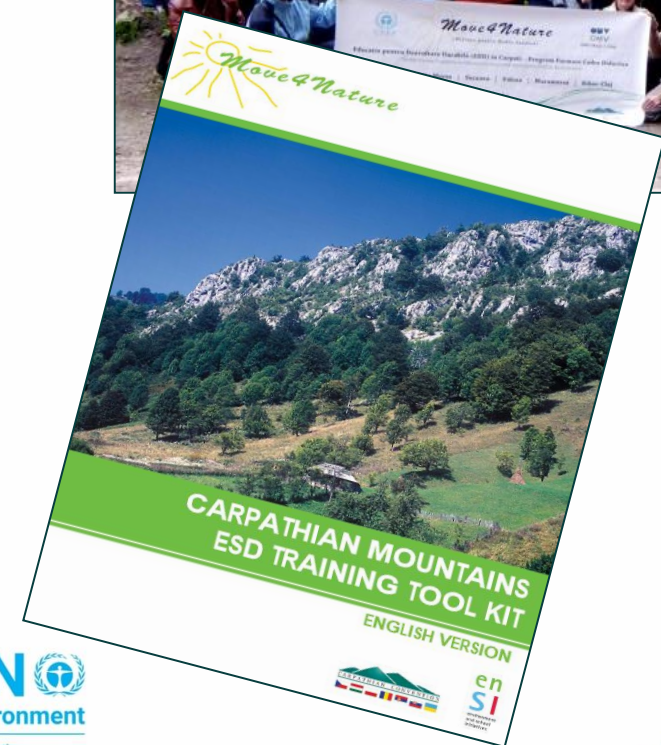
- **Education materials for primary schools** on sustainable use of natural resources: work-book, activity-book and recommendations for teachers
- **Youth training** on Sustainable development
- **Awareness raising** on forests
- 150 schools



Training programmes...

Move4Nature (Romania 2009-11)

- Teacher training, teacher/student activity, protected areas
- Formal and non-formal learning, VET
- 15 trainers trained, 40 schools, 100 teachers participating, 3,000 students involved
- Carpathian Mountain ESD Training Tool Kit produced



Youth engagement...

WWF volunteer programme (Ukraine)

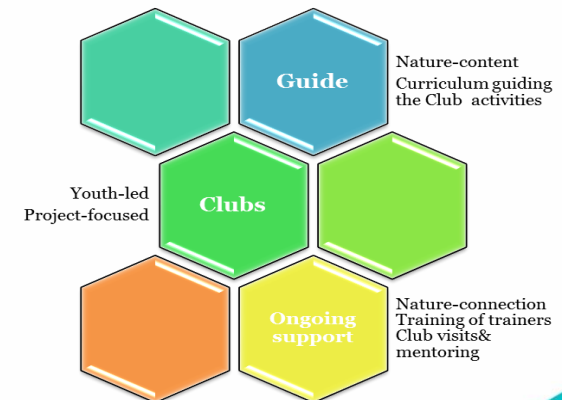
- 1000+ volunteers
- National network for learning about environment and sustainable lifestyles
- Helping protected areas and citizen science
- Informal and non-formal learning



Youth engagement...

Getting Active for Wilderness (Romania)

- Wilderness Youth Ambassadors (ages 14-18)
- Build a network of active citizens taking action for wilderness
- 5 high schools in SW Carpathians of Romania



Work with Protected Areas...

Nature Academy (Serbia)

- Develop environmental school projects with protected area management
- Support PAs to develop education programs and include them in visitor offering.
- Training for Park rangers on nature interpretation
- 10 + 10 schools, 40 rangers from 12 PAs



Work with Protected Areas...

„Young Forest Rangers“ clubs (Ukraine)

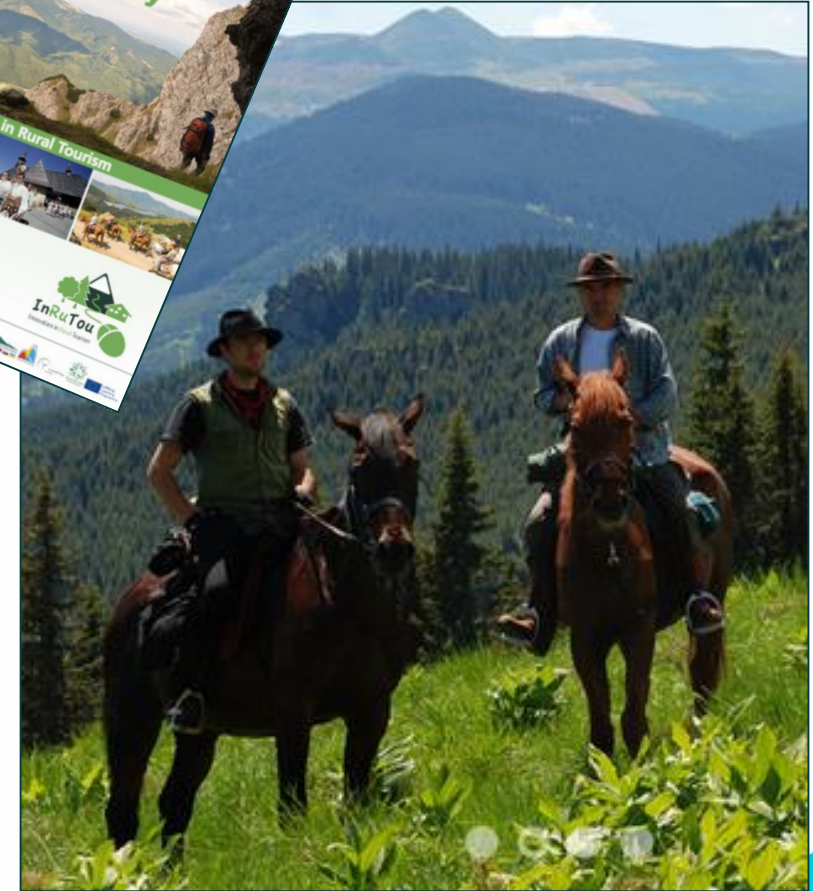
- Outdoor school clubs
- Educate children to respect nature, extend their knowledge in effective nature management and practical skills
- Formal and non-formal learning



Work with Tourism...

Innovation in Rural Tourism (PL, RO, UA, IT, AT)

- Training for local tourism stakeholders
 - local residents, tourism providers, PAs
- Online and mobile promotional platform, transferability manual
- Vocational, non-formal and informal education



Networking and cooperation...

Regional Centre of Expertise in ESD (Vienna)

- Regional network for research, education and knowledge exchange on regional/trans-regional sustainable development.



UNECE Steering Committee on ESD

- Potential for coordination among the focal points on ESD – related activities in the Carpathian countries
- Drafting the outlook on ESD in the Carpathian countries



Recommendations (draft report):

ESD as a tool for the implementation of the
Carpathian Convention

Recommendations:

Strengthening international cooperation on ESD at all levels

- Sharing and exchange of successful national experience
- Policy solutions, tools and materials, training of teachers and researchers

Awareness-raising about the Carpathian Convention

- Stronger cooperation of Ministries of Environment and Carpathian Convention partners with Educational authorities and stakeholders

Non-formal and informal learning, vocational education and training

- Relevant for professionals working on implementation of the Carpathian Convention, partners from different sectors and the local population

Recommendations (continued):

Research on ESD – cooperation with S4C

e.g. via sustainability science, interdisciplinary and transdisciplinary research

Integrating traditional and local knowledge into ESD materials and tools

Cooperation with Protected Areas

Conclusions:

There are many existing actors and initiatives
with a great basis of experience and expertise

But initiatives are limited, fractured and lack continuity

We are also missing a broader approach – broader needs

Conclusions:

We need to take a more strategic approach

Identify future educational needs for Carpathians

Develop a longer-term plan for meeting these needs

Network actors and initiatives

Find a common focus for efforts

Recommendations:

1. Identify future educational needs and develop a plan
Involve relevant authorities, incl MoEd, MoRD, educational groups
2. Find a common focus for initiatives across the Carpathians
e.g. “Carpathian Box” materials, programme
e.g. Youth engagement network, PA’s

