Recommendations to the Carpathian Convention from the Science for the Carpathians (S4C) Network

Based on the inputs of participants of the 6th FORUM CARPATICUM "Linking the Environmental, Political and Societal Aspects for Carpathian Sustainability", 21-25 June 2021

Recommendations relevant for WG SARD

4C Science for the Carpathians

Tamara Mitrofanenko on behalf of S4C Vatra Dornei, Romania, 27.04.2023

S2 Recent and future changes of agricultural areas of Carpathians

- Conduct assessment of changes in the rural landscape of the Carpathian region (to eliminate the uncontrollable development of urbanization at the expense of the rural landscape)
- Support the domestic population to work in the local agro-sector
 - Develop rural agricultural counselling programs to support the development and
 - operations of farmer associations
 - Modernize formal agricultural education and vocational training



S6 Scientists and humanists working together to propose new (and old) approaches to ecology in the Carpathians

- Map sustainable cultural practices to facilitate greater societal awareness about intangible cultural heritage to inform and support governance schemes aiming at a societal and ecological change - potential for a Carpathian Regional model
- Planning and Implementation
 - Focus on local Carpathian identity, traditional knowledge, values and (in)tangible cultural heritage
 - Consider local artistic practices as models of resilient ecological practices.
 - Address local actors in inventories of value creation.
 - Develop locally embedded transgenerational, transnational and transdisciplinary "schools" to help elaborate on questions of subsistence and adaption



Additional Recommendations re Cultural heritage and traditional knowledge

- Promote the identification and increased use of traditional ecological knowledge in nature conservation and sustainable land management.
- Adapt agri-environmental support schemes to consider local-regional cultural environments
 - Help adapt traditional practices to the recent socio-ecological changes
 - Include empowerment of local communities in these developments
- Help local, marketable product production
- Develop local-regional school curricula, with increasing respect towards heritage and traditional knowledge.



S7 The power of social innovation in mountain areas to steer a sustainable governance of nature

- Define Social Innovation (SI) in the Carpathian context, in collaboration with S4C
- Create the Carpathian database of examples of SI and social-ecological innovations, and/or link Carpathian examples to already existing efforts

S14 Global changes and local responses: Resilience, adaptations, innovations for the sustainable development of Carpathians tourist destinations

• Collaborate with professionals from different sectors and disciplines (i.e. in the Arts and Humanities), experienced in preservation of traditional ecological knowledge.



S9: Education for Sustainable Development

- Strengthen institutional and structural support for life-long teacher training.
- Support exchange programs in other countries for life-long learning for all citizens, similarly to the Erasmus program for students (e.g. farmers gaining experiences elsewhere).
- Develop common topics and educational materials on SD in the Carpathians in native languages to be integrated into education systems



S10 Cross sectoral issues- the Carpathians valued as a living place

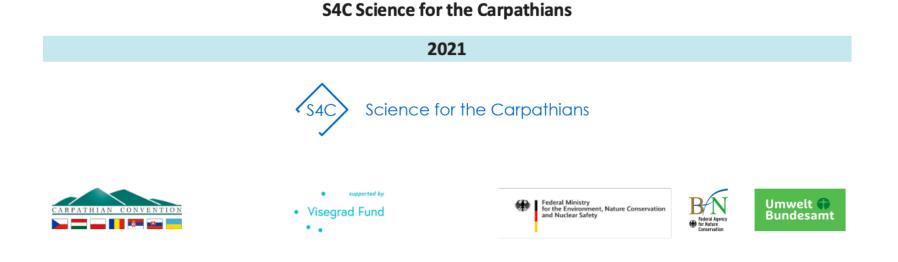
- Ensure proper and efficient communication with local communities about planned and implemented solution.
- Reconcile and link conservation of biological and landscape diversity to sustainable local socioeconomic development.
- Allocate funds and human resources to allow knowledge and experience exchange between Carpathian countries to promote transboundary Carpathian project.



Reference:

Zawiejska, J; Mitrofanenko, T (Eds)(2021): Recommendations to the Carpathian Convention from the Science for the Carpathians (S4C) Network. Based on the inputs of participants of the 6th Forum Carpaticum "Linking the Environmental, Political and Societal Aspects for Carpathian Sustainability", 21-25 June 2021. Secretariat of the Carpathian Convention; International Visegrad Fund; German Federal Environment Ministry's Advisory Assistance Programme (AAP);

Available at: http://carpathianscience.org/downloads/S4C_RECOMMENDATIONS_forCC_Dec2021_share.pdf



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