

PROJECT INFORMATION

Project title: Carpath CC

Project ID: 20

Contact person: Tomas Hlasny (hlasny@nlcsk.org),
Gabor Balint (balint.gabor@vituki.hu)

PROJECT DESCRIPTION

The impacts of the climate change exert their influence well beyond borders and national levels. It is a must to coordinate efforts and build up geographically large – scale strategies to meet the challenges of these changes. Coordinated actions and their success require better exchange of information on each level of the society, politicians and citizens alike.

The CarpathCC Consortium has been selected by the EU DG Environment as a contractual partner to cooperate in preparing in-depth assessments of vulnerability of environmental resources and ecosystem-based adaptation measures.

The Consortium has 9 members and embraces more than 200 experts from the region and different European countries. The expert pool was collected so it covers the geographical boundaries and all of the languages of the region.

The Scientific Advisory Committee, the Steering Committee and the Project Management Team are responsible for the overall implementation of the contract and represent the core team of the project as also requested by the ToR. The central body of the work of the Consortium is the Steering Committee, being responsible for the overall coordination of the activity. The Steering Committee is directing two further entities, the Project Management Team and the Scientific Advisory Committee. In Particular the European Commission requested the following actions to be developed by the members of the Consortium:

The Special Request 1 In-Depth Study on the key climate change threats and impacts on water resources addresses main impacts of climate change on the water resources in the Carpathians as a result of changes in temperature and precipitation patterns and a higher inter-annual variability climate change. Main objective of this study is to deliver the consistent knowledge about expected effect on flood and droughts, changes of snow conditions, water related vulnerability with some regulatory aspects in the Carpathian regions.

The Special Request 2 In-Depth Study on the impacts of climate change threats on ecosystems addresses climate change impacts on forests, grasslands and wetlands in the Carpathians, including options for adaptation, and vulnerability of montane and subalpine regions. Main objective of this study is to deliver the consistent knowledge about expected

effect of climate change on Carpathian ecosystems specifically for individual Carpathian regions, forest types and tree species, and pests and pathogens.

The Special Request 3 - In-Depth study on the impact of climate change on ecosystem-based production, this in-depth study will deliver to and learn from the assessment in focal areas for selected ecosystems (Specific Request 6). The objective of this SR is translated in 3 tasks: To fine-tune the scope of the in-depth assessment in close relation with the Steering Committee and the CARPIVIA management. To examine the responses in ecosystem services to the changes described in relation to climate change and to provide a cost benefit analysis of the positive and negative trends in goods and services delivery, that would support decision-making in relation to adaptation actions by policymakers at all relevant levels. To carry on an assessment will be done of the vulnerability of the tourism sector to climate change.

The Special Request 4 – In-Depth Study on adaptation measures. Main aim of the SR4 is to collect and evaluate the adaptation measures within and outside of the Carpathian region which could be beneficial in the Carpathian region for further use. The evaluation should highlight on the cost benefit quantification where possible. These results give the basis for recommendation to the European Commission for further support the region and develop the Common Agricultural Policy.

The Special Request 5 - Supporting stakeholder interactions. The need of identifying stakeholders and interacting with them were expressed in the vulnerability assessment - related closely to CarpathCC - made by the Carpivia project. As an organic continuation of the recent progresses CarpathCC project would be the most detailed, segmented and also the most practical project in the Carpathian region, and probably Europe-wide Stakeholder involvement takes place as an independent Special Request (SR5) in the CarpathCC Framework Project which is an extremely important task for all project participants. There will be 1 scientific and 2 stakeholder workshops held. The general objective of the workshops is to contribute to identifying the most feasible and most cost effective adaptation measures in selected focal areas and sectors.

The Special Request 6 – Integral Vulnerability assessments in focal areas. Overall and selected project goals and aims are investigated in five focal areas: Tatra Mountains, including Zakopane; Rodnei & Maramureş; Târnava Mare Area; Iron Gates National Park and foothill and Bükk National Park.