



Ministry of Climate  
and Environment

**eurac**  
research

# 12<sup>th</sup> Carpathian Convention Implementation Committee Meeting 18 - 19 November 2021, Krakow, Poland

Progress Report – WG Climate Change  
WG Climate Change–Chair – Mr. Sandor Szalai



## DECISION COP6/18 Climate change

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### ❖ 8<sup>th</sup> Meeting of the WG Climate Change, 6 May 2021, ONLINE :

**Implementation of the Long-term Vision 2030 towards combating climate change in the Carpathians, adopted by the Carpathian Convention COP6**



WG Climate Change Work Plan 2021 – 2023 setting out concrete activities and expected results for the implementation period 2021–2023

**Initiating discussion on development of an assessment of the impacts of climate change on the Carpathian forests and their ecosystems services**

**Strengthening cooperation with other initiatives**

- Alpine Climate Board
- ICPDR Tisza Group
- Carpathian Wetland Initiative
- Global EbA Fund
- Forum Carpaticum
- UNFCCC COP26



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### Long-term Vision 2030 towards combating climate change in the Carpathians

- (SO 1) Climate Action in mountain areas is given higher attention by fostering collaboration with other mountain and neighboring regions
- (SO 2) Regional cooperation and interaction among the Parties of the Carpathian Convention are strengthened through identifying common priority actions and harmonizing them with ongoing regional and national efforts on climate change in the Carpathians
- (SO 3) Possible areas for transnational climate action in the Carpathians
- (SO 4) Interlinkages between climate issues and other relevant areas of work
- (SO 5) Climate research on both qualitative and quantitative levels is promoted
- (SO 6) Science-policy - practice interfaces and innovative approaches
- (SO 7) Joint efforts are taken on identifying funding opportunities

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**The Long-term Vision 2030 towards combating climate change in the Carpathians adopted by the Carpathian Convention COP6**



**WG Climate Change Work Plan 2021 – 2023 setting out concrete activities and expected results for the implementation period 2021–2023**



Limited response from the WG CC for taking a coordinating role of a Specific Objective within the WG Climate Change Work Plan 2021 – 2023

ONLY POLAND interested taking ownership of the SO2 on regional cooperation and identifying common priority actions and harmonizing them with ongoing regional and national efforts on climate change in the Carpathians  
ROMANIA is ready to contribute to the SO2





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### ❖ Developing an assessment of the impacts of climate change on the Carpathian forests and their ecosystems services

#### **Special Session and Workshop on Forest ecosystem vulnerabilities to climate change in the Carpathians during Forum Carpaticum**

Organized by by Dr. William Keeton, University of Vermont and Member of the Science for the Carpathians, and the Secretariat of the Carpathian Convention on 22 June 2021

#### **Establishing an expert group based on the call for nominations (from WG Forest and WG Climate Change)**

Call for nomination of experts to be involved in the development of the assessment and providing expertise and knowledge on both climate change and forest ecosystems and management

#### **Stock-taking exercise on climate impacts and risks affecting forest ecosystems and respective adaptation responses**

Designated country experts were requested to deliver presentations on the several questions, which were shared prior to the workshop.

Workshop report providing a detailed overview of the Workshop, together with the information provided by the country experts, is available

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### ❖ Developing an assessment of the impacts of climate change on the Carpathian forests and their ecosystems services – further process :

#### Drafting table of contents for the assessment

Carpathian Convention Secretariat together with Prof. William Keeton undertook an analysis of the data/information collected and draft a table of contents for the assessment

#### First Expert Group Workshop on the assessment of climate change risks and impacts on the Carpathian forest ecosystems 16 November 2021, ONLINE

Discussing the proposed structure and draft table of contents as well as key topics the assessment.

#### Drafting chapters for the assessment and possibly further information gathering (according to the agreed scope

#### 2nd meeting of the informal subgroup (date TBC)

#### First draft of the assessment available in 2022

Assessment development supported by the UNEP Funds, especially the UN Decade of Ecosystem Restoration funds !

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### ❖ Developing an assessment of the impacts of climate change on the Carpathian forests and their ecosystems services – further process :

**Results of First Expert Group  
Workshop on the assessment of  
climate change risks and impacts  
on the Carpathian forest  
ecosystems  
16 November 2021, ONLINE**



## **DECISION COP6/18 Climate change**

### **Cooperation with the Tisza Group**

#### **JoinTisza2 project proposal**

The main objective of JOINTISZA-2 project is to provide and apply decision making tools, which support the assessment and management of surface and groundwater resources on the Tisza River Basin, and help to determine solutions and measures for the potential water scarcity issues.

Tool 1: Framework for common quantitative water resources assessment and water scarcity resolution

Tool 2: Conceptual model for transboundary groundwater bodies

WP 3) Setting the scene – Tisza River Basin 2022

WP 4) Water resources availability in the light of changing climate

WP 5: Water resource availability – Groundwaters - Shared groundwater resources modelling

Policy decision making tool – Recommendations



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### ❖ **Interregional workshop “Mountains Connect” for representatives from various mountain regions for mutual action learning and exchange**

- Representatives from the Carpathian Convention Working Group on Climate Change will be invited to share their experiences and work as well as to learn from other mountain regions around the globe
- Organized within the Adaptation at Altitude programme by UNEP and partners
- Tentatively planned for June 2022 in Vienna, Austria

# Next Steps

## Climate Change

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### Concrete CCIC recommendations for action (draft by the Secretariat)

- CCIC requests engagement and support of relevant experts nominated by the Parties in the development of the Assessment of the impacts of climate change on the Carpathian forests and their ecosystem services, and further requests the Secretariat to support this process.
- CCIC encourages the Carpathian Convention Working Group on Climate Change to join the interregional workshop “Mountains Connect” in Vienna, Austria in 2022, and further request the Secretariat to support this process.
- CCIC approves the WG Climate Change Work Plan 2021 – 2023 and encourages the WG Climate Change to implement it.
- CCIC requests the Carpathian Convention Working Group on Climate Change to close cooperate with Working Group on Sustainable Forests Management to supports the development of the Assessment of the impacts of climate change on the Carpathian forests and their ecosystem services. (proposal by Romania)