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# **CARPATHIAN CONVENTION GUIDANCE DOCUMENT FOR STREAMLINING THE CARPATHIAN BIODIVERSITY FRAMEWORK INTO NATIONAL BIODIVERSITY STRATEGIES AND ACTION PLANS (NBSAPs) BY THE SECRETARIAT OF THE CARPATHIAN CONVENTION**

## **ANNEX I**

## GBF TARGET 1: Plan and Manage all Areas to Reduce Biodiversity Loss

SUGGESTED POLICY MEASURES AND ACTIONS relevant for the Carpathians	CBF OBJECTIVE ALIGNMENT	GBF TARGET ALIGNMENT & DEGREE			GBF GOALS	SUPPORTING DOCUMENTS & TOOLS	
<p>Mainstream ecological connectivity objectives into spatial and development planning in transport, energy, river basin management and tourism, including training and research, with a particular focus on the Carpathian region.</p> <ul style="list-style-type: none"> <li>- Map large, coherent landscapes with wilderness features and terrestrial and aquatic ecological corridors between protected areas, especially Natura 2000 sites and other natural sites of international and national importance.</li> <li>- Conduct trainings on ecological connectivity and sustainable spatial planning in the Carpathians, including transboundary cooperation (stressing the necessity of protection of migration corridors in spatial planning, especially when building new transport infrastructure).</li> </ul>	1, 3, 4, 7	1	14	A	<ul style="list-style-type: none"> <li>- Protocol on Biodiversity, 8, 9, 15, 23</li> <li>- Protocol on SARD, 9</li> <li>- Protocol on Sustainable Forest Management, 10, 14</li> <li>- Protocol on Sustainable Transport, 8, 9, 10, 11, 12, 16</li> <li>- Protocol on Sustainable Tourism, 9, 10, 13, 16, 17, 18, 19, 21, 22, 26</li> <li>- <a href="#">Implementation Framework 2030</a> accompanying the <a href="#">Long-term Vision 2030 towards combating climate change in the Carpathians</a></li> </ul>		
<p>Consider specificities of mountain ecosystems when developing or adapting sustainable transport systems to avoid, minimise, or offset the negative impacts of landscape and settlement fragmentation, traffic mortality of animals, land use change, natural and semi-natural habitat loss, and noise.</p> <ul style="list-style-type: none"> <li>- Promote ecological connectivity and protect sensitive and biodiversity-rich areas by developing a code of good practices in spatial and transport planning and adopt recommendations from positive case studies for spatial planning authorities.</li> <li>- Develop guidelines for forest road and skid trail planning, design, maintenance and management in the Carpathians, including economic, ecological and operational considerations.</li> <li>- Develop environmentally friendly tourist transportation models in environmentally sensitive areas.</li> </ul>	1, 4	1	3 7 14	A, B	<ul style="list-style-type: none"> <li>- <a href="#">Wildlife and Traffic in the Carpathians: Guidelines how to minimize the impact of transport infrastructure development on nature</a> (TRANSGREEN)</li> <li>- <a href="#">Handbook of Best Practices for Planning and Implementing Mitigation Measures regarding Landscape Connectivity</a> (SaveGREEN)</li> <li>- <a href="#">TRANSGREEN Policy Recommendations on integrated road and rail transportation planning in the Carpathians</a></li> </ul>		
<p>Halt future land use changes by developing and responding to scenarios of climate change and demographic change in the Carpathians.</p>	4, 6	1			A	<ul style="list-style-type: none"> <li>- <a href="#">State of the Art Report and Gap Analysis in the field of environmentally-friendly transport infrastructure development</a> (TRANSGREEN)</li> </ul>	
<p>Promote and ensure water resource preservation and climate change adaptation as core principles of spatial planning, especially for protecting water-dependent habitats.</p>	1, 6	1			A	<ul style="list-style-type: none"> <li>- <a href="#">Joint Strategic Action Plan 2021 – 2026 for the implementation of the Protocol on Sustainable Transport</a></li> </ul>	
<p>Support and protect traditional land management approaches and traditional cultural landscapes with significant economic, ecological and sociocultural features for the Carpathians, such as grasslands.</p>	5	1	9	10	13	B	<ul style="list-style-type: none"> <li>- <a href="#">Strategy for local sustainable tourism development based on natural and cultural heritage of the Carpathians: Full document   Factsheet</a> (Centralparks)</li> </ul>
<p>Enhance the contribution of tourism to environmental protection, biodiversity and sustainable development of the Carpathians by preventing, mitigating or compensating adverse impacts of tourism on biodiversity and landscapes.</p>	3, 4, 5	1	19			A	<ul style="list-style-type: none"> <li>- <a href="#">Strategy for local sustainable tourism development based on natural and cultural heritage of the Carpathians: Full document   Factsheet</a> (Centralparks)</li> </ul>

## TARGET 2: Restore 30% of all Degraded Ecosystems

SUGGESTED POLICY MEASURES AND ACTIONS relevant for the Carpathians	CBF OBJECTIVE ALIGNMENT	GBF TARGET ALIGNMENT & DEGREE				GBF GOALS	SUPPORTING DOCUMENTS & TOOLS
<p>Improve the ecological network and habitat continuity between significant Carpathian ecosystems by restoring existing protected areas, and Ramsar Sites and creating ecological corridors to connect fragmented habitats.</p> <ul style="list-style-type: none"> <li>- Identify degraded habitats, draft a priority list and develop programmes for restoration.</li> <li>- Update the provisional list of endangered natural and semi-natural habitat types native to the Carpathians (Carpathian Red List of Habitats).</li> </ul>	1, 2	2 3				A	<ul style="list-style-type: none"> <li>- Protocol on Biodiversity, 8, 9, 12, 15</li> <li>- Protocol on Sustainable Forest Management, 8, 9, 10, 11, 13</li> <li>- Updated Integrated Tisza River Basin Management Plan</li> </ul>
<p>Restore degraded natural forest habitats in the Carpathians, especially virgin forests, and ensure reforestation.</p> <ul style="list-style-type: none"> <li>- Increase the use of close-to-nature silvicultural practices, which seeks to manage mixed and uneven-aged forests, by sharing best practices and improving the regulatory and legal framework for the close-to-nature forestry transition.</li> <li>- Restore degraded forest areas by converting non-endemic monocultures to site-specific endemic species compositions, promoting natural forest regeneration, and protecting and reintroducing rare native tree species in their natural ecosystems.</li> <li>- Create guidelines for managing close-to-nature forestry in Protected Areas and applicable Natura 2000 sites.</li> </ul>	1, 2	1	2	3	20	A	<ul style="list-style-type: none"> <li>- Carpathian strategy for enhancing biodiversity and landscape conservation outside and inside protected areas: <a href="#">Full document</a>   <a href="#">Factsheet</a> (Centralparks)</li> <li>- <a href="#">The Carpathian Ecosystem Services Toolkit</a> (Centralparks)</li> <li>- UNEA 5.2 Resolution on End plastic pollution: Towards an international legally binding instrument (UNEP/EA.5/Res.14)</li> <li>- <a href="#">Guidelines on communication between protected areas and local communities in the Carpathians</a> (Centralparks)</li> </ul>
<p>Identify priority actions for restoring wetlands and water-dependent habitats in the Carpathians.</p>	1, 7	2 3		7		A	
<p>Increase involvement with the UN Decade on Ecosystem Restoration for awareness-raising and possible upscaling of restoration activities as outlined in the Carpathian Convention.</p>	7	2				A	<ul style="list-style-type: none"> <li>- <a href="#">Inventory of virgin/old growth forests in the Carpathians</a></li> </ul>
<p>Consider prioritizing the restoration of Carpathian habitats in the National Restoration Plans (EU Nature Restoration Law).</p>	1	2				A	<ul style="list-style-type: none"> <li>- <a href="#">Assessment of climate change risks and impacts on the Carpathian forests and their ecosystem services</a></li> </ul>

### TARGET 3: Conserve 30% of Land, Waters and Seas

SUGGESTED POLICY MEASURES AND ACTIONS relevant for the Carpathians	CBF OBJECTIVE ALIGNMENT	GBF TARGET ALIGNMENT & DEGREE			GBF GOALS	SUPPORTING DOCUMENTS & TOOLS
<p>Improve the regional ecological network and habitat continuity between significant Carpathian ecosystems by designating additional and/or expanding protected areas and Ramsar Sites to meet targets in the EU Biodiversity Strategy for 2030 and the GBF.</p> <ul style="list-style-type: none"> <li>- Include transboundary sites in expanding existing and creating new protected areas in the Carpathians.</li> </ul>	1, 2	2 3			A	
<p>Strengthen the management of existing and new protected areas in the Carpathians.</p> <ul style="list-style-type: none"> <li>- Update the provisional list of endangered natural and semi-natural habitat types native to the Carpathians (Carpathian Red List of Habitats).</li> <li>- Ensure close cooperation within the Carpathian Network of the Protected Areas and other relevant networks.</li> <li>- Support building the Trans-European Nature Network to ensure conservation of protected areas by mapping large, coherent landscapes with wilderness features and terrestrial and aquatic ecological corridors between protected areas, especially Natura 2000 sites and other natural sites of international and national importance.</li> </ul>	1, 7	3 21			A	<ul style="list-style-type: none"> <li>- Protocol on Sustainable Forest Management, 8, 9, 10, 13, 16</li> <li>- Protocol on Biodiversity, 8, 9, 15</li> </ul>
<p>Strengthen conservation, restoration and maintenance of wetlands in the Carpathians by developing and implementing long-term projects for conservation, maintenance, restoration and sustainable use of wetland habitats and species, particularly in border areas and transboundary protected areas, and ensure close cooperation with the Carpathian Wetland Initiative.</p>	1	2 3			A, B	<ul style="list-style-type: none"> <li>- <a href="#">Inventory of virgin/old growth forests in the Carpathians</a></li> <li>- <a href="#">Assessment of climate change risks and impacts on the Carpathian forests and their ecosystem services</a></li> </ul>
<p>Identify, protect and conserve virgin and natural forests in the Carpathians.</p> <ul style="list-style-type: none"> <li>- Establish and effectively manage protected areas, national parks and nature reserves to preserve intact forest ecosystems, maintain biodiversity and provide refuges for species.</li> <li>- Map and protect virgin and natural forests in the Carpathians, and extend the Inventory of Virgin Forests in the Carpathians to include other degrees of forest naturalness.</li> <li>- Enlarge Carpathian forest cover, if appropriate, while taking into account the high ecological importance of natural and semi-natural grasslands.</li> </ul>	1, 2, 6	2 3 8			A	
<p>Increase the number of areas where close-to-nature forestry/ecological silviculture is applied and strengthen these management practices across the Carpathians.</p> <ul style="list-style-type: none"> <li>- Create guidelines for managing close-to-nature forestry in Protected Areas and applicable Natura 2000 sites.</li> </ul>	2	1 2 3 20			A	

- Share best practices related to close-to-nature forestry among the Carpathian countries and improve the regulatory and legal framework for the close-to-nature forestry transition.

#### TARGET 4: Halt Species Extinction, Protect Genetic Diversity, and Manage Human-Wildlife Conflicts

SUGGESTED POLICY MEASURES AND ACTIONS relevant for the Carpathians	CBF OBJECTIVE ALIGNMENT	GBF TARGET ALIGNMENT & DEGREE		GBF GOALS	SUPPORTING DOCUMENTS & TOOLS
<p>Ensure conservation of large carnivores in the Carpathians.</p> <ul style="list-style-type: none"> <li>- Standardise monitoring procedures of large carnivores in the Carpathians.</li> <li>- Improve coexistence of humans with large carnivores.</li> <li>- Improve law enforcement with respect to the illegal killing of large carnivores.</li> </ul>	1	2	4	A	<ul style="list-style-type: none"> <li>- Protocol on Biodiversity, 8, 12, 16</li> <li>- International Action Plan on Conservation of Large Carnivores and Ensuring Ecological Connectivity</li> <li>- project SwiPE on successful wildlife crime prosecution in Europe</li> </ul>
<p>Ensure the conservation and recovery of endangered species and endemic species of the Carpathians, including species whose natural habitats are transboundary.</p> <ul style="list-style-type: none"> <li>- Adopt a list of endangered flora and fauna species native to the Carpathians (Carpathian Red List of Species) based on internationally recognized principles and criteria.</li> <li>- Reintroduce native species in the Carpathians.</li> </ul>	1	3	4	A	<ul style="list-style-type: none"> <li>- <a href="#">Combating Wildlife and Forest Crime in the Danube-Carpathian Region</a></li> <li>- <a href="#">Methodology for Identification of Ecological Corridors in the Carpathian Countries by Using Large Carnivores as Umbrella Species (ConnectGREEN)</a></li> <li>- <a href="#">Methodology for Standardised Monitoring of Ecological Corridors</a></li> </ul>

#### TARGET 6: Reduce the Introduction of Invasive Alien Species by 50% and Minimize Their Impact

SUGGESTED POLICY MEASURES AND ACTIONS relevant for the Carpathians	CBF OBJECTIVE ALIGNMENT	GBF TARGET ALIGNMENT & DEGREE		GBF GOALS	SUPPORTING DOCUMENTS & TOOLS
<p>Prevent the introduction or release of and eradicate invasive alien species and/or genetically modified organisms which are likely to have adverse environmental impacts in the Carpathians.</p>	1	6		A	<ul style="list-style-type: none"> <li>- Protocol on Biodiversity, 13</li> </ul>

## TARGET 7: Reduce Pollution to Levels That Are Not Harmful to Biodiversity

SUGGESTED POLICY MEASURES AND ACTIONS relevant for the Carpathians	CBF OBJECTIVE ALIGNMENT	GBF TARGET ALIGNMENT & DEGREE			GBF GOALS	SUPPORTING DOCUMENTS & TOOLS
<p>Address water pollution issues and the cross-border impact of pollution in the Carpathians, particularly in transboundary rivers.</p> <ul style="list-style-type: none"> <li>- <i>Strengthen cooperation with countries sharing international rivers, e.g. the Tisza River basin to find common solutions on monitoring, controlling and preventing plastic pollution in the river.</i></li> <li>- <i>Promote sustainable tourism in mountain areas to prevent and halt pollution waste, causing mountain degradation.</i></li> <li>- <i>Establish effective partnerships at various levels (e.g. public, private, civil society) to increase local community and stakeholder action to protect, restore and sustain river ecosystem health.</i></li> </ul>	1, 7	2	7	A	<ul style="list-style-type: none"> <li>- <i>Protocol on SARD, 10, 15</i></li> <li>- <i>Protocol on Sustainable Transport, 9, 10, 11, 12</i></li> </ul>	
<p>Prevent adverse impacts on air, water, soil, landscape and biological diversity from agricultural activities by applying integrated land resource management, climate-smart agriculture, risk management, organic practices, and renewable energies within agricultural operational practices.</p>	1, 5, 6	7	11	A		
<p>Develop sustainable transport systems that avoid, minimise, or offset the negative impacts of greenhouse gas emissions and pollutants, including on the public health of local communities.</p>	1, 4	1	3 7 14	A		

## TARGET 8: Minimize the Impacts of Climate Change on Biodiversity and Build Resilience

SUGGESTED POLICY MEASURES AND ACTIONS relevant for the Carpathians	CBF OBJECTIVE ALIGNMENT	GBF TARGET ALIGNMENT & DEGREE			GBF GOALS	SUPPORTING DOCUMENTS & TOOLS
<p>Mainstream climate change considerations in all relevant sectors or activities, such as forestry, tourism, transportation, spatial planning and agriculture.</p> <ul style="list-style-type: none"> <li>- Apply climate-resilient forest management practices in the Carpathians proposed by the Assessment of climate change risks and impacts on the Carpathian forests and their ecosystem services.</li> <li>- Identify and implement mountain-specific climate change mitigation and adaptation options in the Carpathians.</li> </ul>	1, 2, 6	2	3	8	A	<ul style="list-style-type: none"> <li>- Protocol on Sustainable Forest Management, 14</li> <li>- <a href="#">Implementation Framework 2030</a> accompanying the <a href="#">Long-term Vision 2030 towards combating climate change in the Carpathians</a></li> </ul>
<p>Assess the vulnerability of Carpathian wetlands to climate change to identify wetlands most at risk to climate change impacts and propose and implement measures for climate adaptation and mitigation.</p>	1, 6	8			A	<ul style="list-style-type: none"> <li>- Assessment of climate change risks and impacts on the Carpathian forests and their ecosystem services</li> </ul>

## TARGET 9: Manage Wild Species Sustainably to Benefit People

SUGGESTED POLICY MEASURES AND ACTIONS relevant for the Carpathians	CBF OBJECTIVE ALIGNMENT	GBF TARGET ALIGNMENT & DEGREE			GBF GOALS	SUPPORTING DOCUMENTS & TOOLS	
<p>Support traditional land management approaches and traditional cultural landscapes that represent significant economic, ecological and sociocultural features of the Carpathians.</p> <ul style="list-style-type: none"> <li>- Protect and promote grasslands, agro-biodiversity, sustainable use of wild plants and animals, and the related traditional ecological knowledge.</li> <li>- Map and understand traditional land management practices.</li> </ul>	5	1	9	10	13	B	<ul style="list-style-type: none"> <li>- Protocol on Biodiversity, 23</li> </ul>
<p>Promote the role of forests in economic development by ensuring their productive functions and sources of income from forest resources.</p> <ul style="list-style-type: none"> <li>- Support forest owners and managers in stimulating market-based initiatives like forest certification schemes, enforcing forest laws, promoting sustainable harvesting and marketing of non-wood forest products, and developing systems of payment for ecosystem services.</li> </ul>	2	9 19			B	<ul style="list-style-type: none"> <li>- Protocol on SARD, 9, 12</li> </ul>	

## TARGET 10: Enhance Biodiversity and Sustainability in Agriculture, Aquaculture, Fisheries, and Forestry

SUGGESTED POLICY MEASURES AND ACTIONS relevant for the Carpathians	CBF OBJECTIVE ALIGNMENT	GBF TARGET ALIGNMENT & DEGREE			GBF GOALS	SUPPORTING DOCUMENTS & TOOLS
<p>Create models, marketing, certifications and associations for food producers and local food markets, including farm-to-fork/short food supply chain models and high-quality schemes for "Mountain Products," to exchange benefits and promote environmentally friendly agriculture.</p>	5	10	15	B		
<p>Promote, enhance and foster integrated land resource management in the Carpathians to prevent adverse impacts on air, water, soil, landscape and biological diversity.</p> <ul style="list-style-type: none"> <li>- <i>Integrate climate smart agriculture, risk management and renewable energies within farming and farmers' operational practices.</i></li> <li>- <i>Apply the precaution and prevention principles by assessing possible influences, including cumulative effects, of agricultural projects and activities on air, water, soil, landscape and biological diversity.</i></li> <li>- <i>Promote and foster agricultural practices for extensive farming and organic production.</i></li> </ul>	1, 5, 6	7	10	11	A	<ul style="list-style-type: none"> <li>- <i>Protocol on Biodiversity, 23</i></li> <li>- <i>Protocol on SARD, 9, 10, 11, 12, 13, 15</i></li> <li>- <i>Protocol on Sustainable Tourism, 10</i></li> </ul>
<p>Support traditional land management approaches and traditional cultural landscapes that represent significant economic, ecological and sociocultural features of the Carpathians by mapping and understanding traditional land management practices.</p> <ul style="list-style-type: none"> <li>- <i>Protect and manage small agricultural holdings, grasslands, agro-biodiversity, local breeds of domestic animals and cultivated plant varieties, and the related traditional ecological knowledge.</i></li> <li>- <i>Support and protect the traditional pastoral practices in the Carpathians, including traditional low-intensity agricultural practices and grazing of traditional ruminants.</i></li> </ul>	5	1	9	10	13	B



### TARGET 11: Restore, Maintain and Enhance Nature's Contributions to People

SUGGESTED POLICY MEASURES AND ACTIONS relevant for the Carpathians	CBF OBJECTIVE ALIGNMENT	GBF TARGET ALIGNMENT & DEGREE			GBF GOALS	SUPPORTING DOCUMENTS & TOOLS
<p>Test, collect and implement best practices for applying nature-based solutions (NbS) in the Carpathians for climate mitigation and adaptation in relevant sectors.</p> <ul style="list-style-type: none"> <li>- Prepare an assessment on NbS in the Carpathians and its benefits, including a collection of best practices.</li> <li>- Adapt national legislation to prioritise the implementation of NbS.</li> <li>- Develop joint activities/projects on NbS.</li> <li>- Conduct outreach and awareness-raising campaigns on NbS and the related benefits for communities, civil servants, students.</li> </ul>	1, 2, 5, 6, 7	4	8	11	A, B	

### TARGET 13: Increase the Sharing of Benefits From Genetic Resources, Digital Sequence Information and Traditional Knowledge

SUGGESTED POLICY MEASURES AND ACTIONS relevant for the Carpathians	CBF OBJECTIVE ALIGNMENT	GBF TARGET ALIGNMENT & DEGREE			GBF GOALS	SUPPORTING DOCUMENTS & TOOLS	
<p>Protect and promote genetic resources, local breeds of domestic animals and cultivated plant varieties of the Carpathians, and the related traditional ecological knowledge.</p>	5	1	9	10	13	B, C	<ul style="list-style-type: none"> <li>- Protocol on Biodiversity, 23</li> <li>- Protocol on SARD, 9, 12</li> </ul>

### TARGET 14: Integrate Biodiversity in Decision-Making at Every Level

SUGGESTED POLICY MEASURES AND ACTIONS relevant for the Carpathians	CBF OBJECTIVE ALIGNMENT	GBF TARGET ALIGNMENT & DEGREE			GBF GOALS	SUPPORTING DOCUMENTS & TOOLS
<p>Ensure coherency and coordination between the Carpathian Biodiversity Framework, Kunming-Montreal Global Biodiversity Framework, and national biodiversity-related commitments and agreements.</p>	7	14			D	
<p>Mainstream biodiversity within and across sectors by using the integrated approach of the Carpathian Convention.</p> <ul style="list-style-type: none"> <li>- Establish national interregional committees in the Carpathian countries to ensure full integration of biodiversity into relevant sectoral policies and planning and development processes.</li> <li>- Organise regular intersectoral meetings within the framework of the Carpathian Convention.</li> </ul>	1, 7	14	16	21	A	<a href="#">Carpathian Biodiversity Framework</a>

Facilitate cooperation between institutions and regional and local authorities in the Carpathians to encourage shared responsibility and develop and enhance synergies when implementing biodiversity-related policies.	7	14	21	D	
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### TARGET 15: Businesses Assess, Disclose and Reduce Biodiversity-Related Risks and Negative Impacts

SUGGESTED POLICY MEASURES AND ACTIONS relevant for the Carpathians	CBF OBJECTIVE ALIGNMENT	GBF TARGET ALIGNMENT & DEGREE	GBF GOALS	SUPPORTING DOCUMENTS & TOOLS
<p>Promote the development of local food markets, shortening the production and distribution chains, to support the local and regional economy in the Carpathians</p> <ul style="list-style-type: none"> <li>- Prioritise models, marketing, certifications and associations for food producers and local food markets, including farm-to-fork/short food supply chain models and high-quality schemes for "Mountain Products," to promote environmentally friendly agriculture.</li> </ul>	5	10 15	B	
<p>Enhance the quality, management and promotion of sustainable tourism in the Carpathians by exchanging best practices, building capacities, developing monitoring systems that assess tourism's biodiversity impacts, and creating certification schemes.</p> <ul style="list-style-type: none"> <li>- Develop and promote Carpathian regional sustainable tourism products, services and packages, especially those that build on common Carpathian natural, cultural, traditional and historical heritage, and enhance their marketing on both domestic and foreign markets.</li> <li>- Facilitate international cooperation among scientific institutions to harmonise monitoring systems, databases, and joint research programs and projects related to tourism.</li> <li>- Explore channeling some tourism revenue towards preserving and promoting the cultural heritage and traditional knowledge of local peoples, especially toward revitalising traditional architecture objects, traditional handicraft, land-use patterns, local breeds of domestic animals and cultivated plant varieties.</li> </ul>	3, 5	15	B	<ul style="list-style-type: none"> <li>- Protocol on SARD, 13</li> <li>- Protocol on Sustainable Tourism, 10, 18</li> </ul>

## TARGET 16: Enable Sustainable Consumption Choices to Reduce Waste and Overconsumption

SUGGESTED POLICY MEASURES AND ACTIONS relevant for the Carpathians	CBF OBJECTIVE ALIGNMENT	GBF TARGET ALIGNMENT & DEGREE		GBF GOALS	SUPPORTING DOCUMENTS & TOOLS
Establish outreach programmes targeting local and regional authorities, universities and other relevant stakeholders to increase their awareness of the importance of the protection and sustainable development of the Carpathian region and of the Convention's activities.	7	16	21	B	- Protocol on Sustainable Tourism, 18
Develop joint Carpathian environmental education, nature and cultural heritage interpretation, and other awareness-raising programmes associated with sustainable tourism development to increase knowledge of and respect for Carpathian biodiversity, resources, cultural heritage and traditional knowledge among tour operators, tourist service providers, tourists and the general public.	3, 7	15	16	B	

## TARGET 19: Mobilize \$200 Billion per Year for Biodiversity From all Sources, Including \$30 Billion Through International Finance

SUGGESTED POLICY MEASURES AND ACTIONS relevant for the Carpathians	CBF OBJECTIVE ALIGNMENT	GBF TARGET ALIGNMENT & DEGREE		GBF GOALS	SUPPORTING DOCUMENTS & TOOLS
Increase financial resources, whether national, international, public, or private funds, to further implement the Carpathian Convention and other strategies for biodiversity protection and management.	1 - 8	19		D	- Protocol on Sustainable Forest Management, 9 - Protocol on Sustainable Tourism, 13, 21, 22 - Protocol on Sustainable Transport, 16
Promote the role of forests in economic development by ensuring their productive functions and sources of income from forest resources. <i>- Support forest owners and managers in stimulating market-based initiatives like forest certification schemes, enforcing forest laws, promoting sustainable harvesting and marketing of non-wood forest products, and developing systems for payment for ecosystem services.</i>	2	9	19	B	
Enhance the contribution of tourism to environmental protection, biodiversity and sustainable development of the Carpathians by preventing, mitigating or compensating adverse impacts of tourism on biodiversity and landscapes. <i>- Explore channeling some tourism revenue towards supporting conservation, establishing and managing protected areas, and preserving cultural heritage and traditional knowledge of local peoples.</i>	3, 4, 5	1	19	A, D	
Apply funding schemes, such as "user pays principle" or "polluter pays principle" to cover the costs of transportation infrastructure and offset environmental harms.	4	19		D	

**TARGET 20: Strengthen Capacity-Building, Technology Transfer, and Scientific and Technical Cooperation for Biodiversity**

SUGGESTED POLICY MEASURES AND ACTIONS relevant for the Carpathians	CBF OBJECTIVE ALIGNMENT	GBF TARGET ALIGNMENT & DEGREE		GBF GOALS	SUPPORTING DOCUMENTS & TOOLS
Develop and promote the Carpathian Countries Integrated Biodiversity Information System (CCIBIS).	1	20	21	D	
Ensure efficient and consistent implementation of the Carpathian Convention at the national level, especially when raising awareness about the Carpathian Convention and its activities among relevant governmental entities, practitioners and the general public.	7	20	21	D	<a href="#"><i>Carpathian Countries Integrated Biodiversity Information System CCIBIS</i></a>
Exchange and assimilate environmentally-sound, socially acceptable and appropriate technologies and know-how for the planning, development and management of sustainable tourism in the Carpathians	3, 5, 7	15	20	D	

## TARGET 21: Ensure That Knowledge Is Available and Accessible to Guide Biodiversity Action

SUGGESTED POLICY MEASURES AND ACTIONS relevant for the Carpathians	CBF OBJECTIVE ALIGNMENT	GBF TARGET ALIGNMENT & DEGREE		GBF GOALS	SUPPORTING DOCUMENTS & TOOLS
<b>EDUCATION</b>					
<p>Strengthen capacity building, knowledge sharing and cooperation of local and national educational institutions to improve education, advanced training and qualification of people from different working areas (“lifelong learning”).</p> <ul style="list-style-type: none"> <li>- Exchange experiences and share best practices in eco-education.</li> <li>- Create Carpathian Convention-related materials for schools, universities and parks.</li> </ul>	7	16	21	D	<ul style="list-style-type: none"> <li>- Protocol on SARD, 16</li> <li>- Carpathian Education for Sustainable Development (ESD) Expert Network’s recommendations</li> </ul>
<p>Establish outreach programmes to increase awareness of the importance of the protection and sustainable development of the Carpathian region and of the Convention’s activities.</p> <ul style="list-style-type: none"> <li>- Organize and celebrate Carpathian Day/Carpathian Week in each Carpathian country to highlight Carpathian biodiversity via educational and awareness-raising activities.</li> </ul>	7	2	16	21	<ul style="list-style-type: none"> <li>- S4C Research Agenda for the Carpathians 2022 – 2030</li> </ul>
<b>PARTNERSHIPS AND COOPERATION</b>					
<p>Promote intersectoral cooperation and synergies between stakeholders by strengthening the science–policy–practice interface to enhance the implementation of the Carpathian Convention.</p> <ul style="list-style-type: none"> <li>- Strengthen stronger participation of the Science for the Carpathians (S4C) network in Carpathian Convention activities, and closer collaboration between S4C and the Convention Secretariat, Focal Points, Working Groups and other partners.</li> </ul>	7	21		D	<ul style="list-style-type: none"> <li>- Protocol on Biodiversity, 6</li> <li>- Protocol on Sustainable Forest Management, 4, 15</li> </ul>
<p>Establish effective partnerships at various levels (e.g. public, private, civil society, regional and local authorities and institutions) in the Carpathians to encourage shared responsibility, develop synergies, and ensure access to the best available data, information and knowledge when implementing biodiversity-related policies.</p> <ul style="list-style-type: none"> <li>- Increase local community and stakeholder action to protect, restore and sustain ecosystem health.</li> <li>- Collaborate with protected areas and other biodiversity stakeholders to exchange best practices and experiences among the engaged parties and partners.</li> <li>- Strengthen cooperation between relevant networks of protected areas on topics of common interest, especially on ecological connectivity, protected area management, education and other topics, including the Trans-European Nature</li> </ul>	1, 7	3	14	21	<ul style="list-style-type: none"> <li>- Protocol on Sustainable Tourism, 6, 19</li> <li>- Protocol on Sustainable Transport, 5</li> <li>- Protocol on Sustainable Agriculture and Rural Development, 6, 17</li> </ul>

*Network, Carpathian Network of Protected Areas (CNPA), ALPARC, DANUBEPARKS, Parks Dinarides and Natura 2000 sites.*

Establish and implement projects that foster more exchange between the Alps, the Pyrenees, the Caucasus Mountains, the Carpathians and other mountain regions.

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D

- Support stronger collaborations with other mountain research networks, such as the Scientific Network for the Caucasus Mountain Region (SNC-mt)<sup>1</sup>, the International Scientific Committee on Research in the Alps (ISCAR), and the Mountain Research Initiative (MRI).*
- Develop joint scientific research programmes relevant for the Carpathians and other mountain regions (Carpathian Horizon project).*