

## Output Factsheet

### Output title:

**O 4.1 Ecological corridors database for each pilot area**

### Summary of the output (max. 2500 characters)

The ecological corridors were identified separately in each pilot area, based on the methodology provided by WP3 dedicated to provide knowledge source base for the partners. Expert teams identified them based on the movement of large carnivores (and other large mammal species) across the landscape. The map of identified corridors for each pilot area is integrated into the CCIBIS.

The pilot areas include:

- 1. Piatra Craiului National Park – Bucegi Nature Park (Romania)**
- 2. Apuseni-SW Carpathians (Romania) / National Park Djerdap (Serbia)**
- 3. Western Carpathians (Czech Republic – Slovakia)**
- 4. Bükk National Park (Hungary) / Cerová vrchovina Protected Landscape Area (Slovakia)**

The ecological corridors database for each pilot area within the CCIBIS is a web-based GIS database representing a support tool for sharing data and information related to the project topic with specific target groups – nature preservationists, spatial planners, decision-makers, students and others. This database is accessible to all stakeholders dealing with ecological corridors' management or spatial planning. To support the sustainability of outputs from previous EU projects, the web-based GIS database related to the identified ecological corridors at pilot sites' as well as at national and Carpathian levels is built on the existing database "Carpathian Countries Integrated Biodiversity Information System" (CCIBIS – [www.ccibis.org](http://www.ccibis.org)).

This output contributes to SO1 by testing the effect/ change of implementing the methodology from WP3 and SO2 by involving protected area managers in identifying corridors.

The address where the O.T4.1 – Ecological corridors database for each pilot area is published: <https://gis.vm.stuba.sk/portal/apps/webappviewer/index.html?id=a074b7cd120d42df863f89e9e9414d49> and is accessible from CCIBIS website <http://ccibis.org>

### Contribution to EUSDR actions and/or targets (max. 1500 characters)

The output contributes to the EUSDR, in particular **Priority Areas 6 'Biodiversity and Landscapes, Quality of Air and Soils'**, especially its **target 2 – 'Strengthen horizontal knowledge transfer and access to environmental data between national authorities responsible for nature conservation'** and **target 5 – 'Development of a common approach to define and determine ecological corridors'** by providing the data located in a GIS database for all stakeholders to approach and use in their work and decision making. It is an open

platform which will be complemented by other data collected in INTERREG projects, e.g. SaveGREEN project.

**Performed testing, if applicable (max. 1000 characters)**

Not applicable

**Integration and use of the output by the target group (max. 2000 characters)**

The ecological corridors database for each pilot area is aimed at sharing information and building a set of data that is useful for project planning and implementation in the topic of green and grey infrastructure development. It is an accessible for anyone, thus any organization, institution or private person is welcome to access it and possibly to share additional data. The database is open for all users and data providers so the target group of users can actively not only use functions of the database but also be an active subject creating the content or sharing their knowledge, data and information. The ecological corridors database for each pilot area is promoted to a wide range of possible users of the CCIBIS platform. Especially is promoting to future professionals at universities – students. The database is actively used in the education process at Slovak University of Technology in Bratislava to educate spatial planners and is shared to other planning schools via AESOP – Association of European Schools of Planning.

**Geographical coverage and transferability (max. 1500 characters)**

The ecological corridors database for each pilot area is collecting and publishing data and information from almost all Danube countries (mainly the project partner countries -Romania, Austria, Czech Republic, Slovakia, Hungary and Serbia). The database is free to access without any limitations. All GIS data can be downloaded by users of the database.

The output is available and is promoted under the Carpathian Convention, reaching high-level authorities in the field of transport, biodiversity and spatial planning from across the Carpathians.

**Durability (max. 1500 characters)**

The ecological corridors database for each pilot area and the CCIBIS are common platform for partners within the Carpathian Convention sharing information and building a set of data.

Also, the development and maintenance of the CCIBIS (including the GIS database) is covered by the Slovak University of Technology in Bratislava which used the platform for the education activities and trainings.

The output is available and is promoted under the Carpathian Convention, reaching high-level authorities in the field of transport, biodiversity and spatial planning from across the Carpathians.

**Synergies with other projects/ initiatives and / or alignment with current EU policies/ directives/ regulations, if applicable (max. 1500 characters)**

The ecological corridors database within CCIBIS and the CCIBIS will be used as sharing data and information platform also in other INTERREG projects, especially the SaveGREEN project and others. It is available to be used in other publicly-funded projects and the data collected in these

projects will be happily added to the database. The output will be distributed also during professional groups such as Infra Eco Network Europe, WWF relevant global practices, IUCN's working groups.

**Output integration in the current political/ economic/ social/ technological/ environmental/ legal/ regulatory framework (max. 2000 characters)**

The ecological corridors database for each pilot area under CCIBIS as a common platform for sharing data under the Carpathian Convention is one of the tools supporting fulfilling goals from Protocol on Sustainable Transport to the Framework Convention on the Protection and Sustainable Development of the Carpathians and is also mentioned as a useful tool in the Joint Strategic Action Plan (SAP) 2021 – 2026 for the Implementation of the Protocol on Sustainable Transport's focus.

The output by its character contributes to the objectives defined on the EU level in the area of biodiversity and environment protection - Green Infrastructure Strategy developed by the European Commission, The EU Biodiversity Strategy to 2020, The European Strategy for the Danube Region, the Natura 2000 network listed under both the Birds Directive and the Habitats Directive.