



Description of output 0.3.3 Ecological corridors database within CCIBIS







Contents

1.	Summary of the output	.3
2.	How to access the output	.4
2	Rasic functionalities of the output	5





1. Summary of the output

The ecological corridors database with 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).

There are 2 main parts of the database. First is focused on presenting GIS data through interactive geoportal — accessible here https://gis.vm.stuba.sk/portal/apps/webappviewer/index.html?id=a074b7cd120d42df863f89e9e941 4d49. The second part is CCIBIS website (the narrative part) from where other outputs of the ConnectGREEN projects are accessible (the innovative Decision Support Tool, the e-learning platform) and other projects (TRANSGREEN's planning toolkit and project library etc.) — accessible here http://ccibis.org/. Through this website, the geoportal is accessible, too.

The ecological corridors database within CCIBIS for 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 within CCIBIS is promoted to a wide range of possible users of the 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.

The ecological corridors database within CCIBIS 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.





2. How to access the output

The CCIBIS website (the narrative part) is available here: http://ccibis.org/. Through this website, the geoportal and other online tools accessible (the innovative Decision Support Tool, the e-learning platform) are accessible, too.

The CCIBIS geoportal is accessible here:

 $\frac{https://gis.vm.stuba.sk/portal/apps/webappviewer/index.html?id=a074b7cd120d42df863f89e9e941}{4d49}\ .$





2. Basic functionalities of the output

• Integration of electronic tools developed under the ConnectGREEN Project (geoportal, Decision Support Tool, E-learning platform) under one website, available and accessible to any user

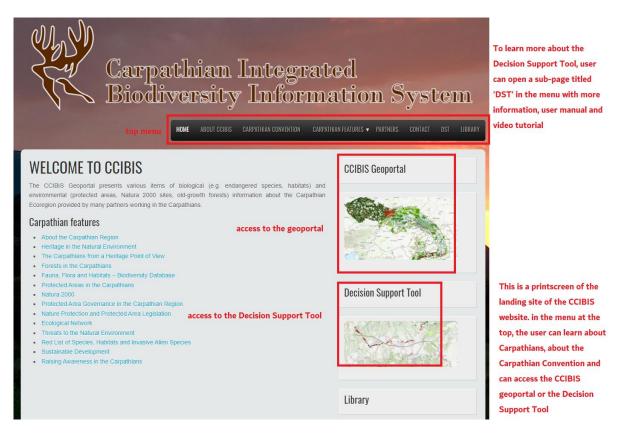


Figure 1: The CCIBIS website landing page and basic orientation





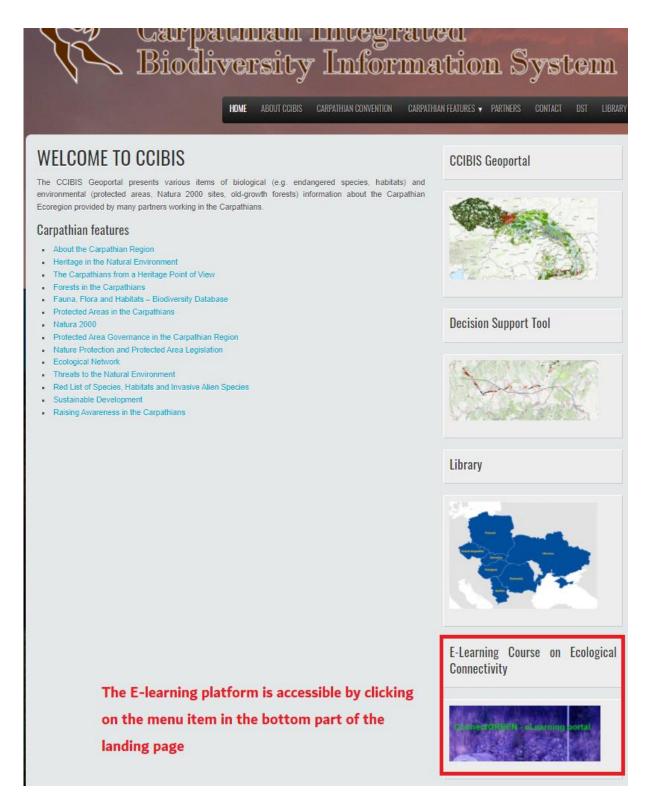


Figure 2: How to enter the E-learning platform using the menu side-bad on the right





The innovative Decision Support Tool had been integrated as a component into CCIBIS

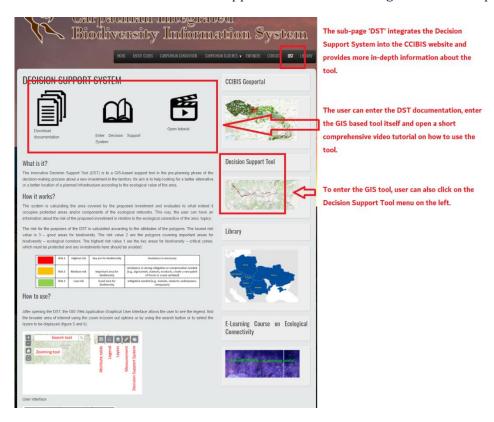


Figure 3: Integration of the Decision Support Tool into CCIBIS

 \bullet $\,$ Modelled ecological corridors (modelled within ConnectGREEN Project) have been incorporated into the database



Figure 4: CCIBIS geoportal - basic orientation





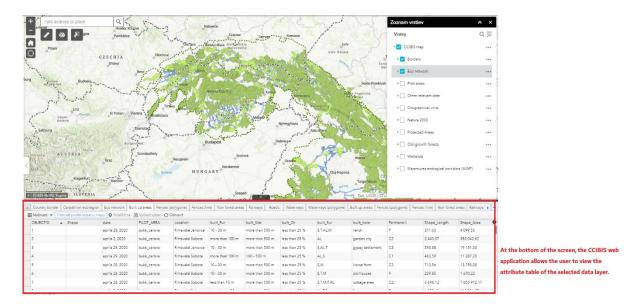


Figure 5: CCIBIS geoportal - viewing data attribute table

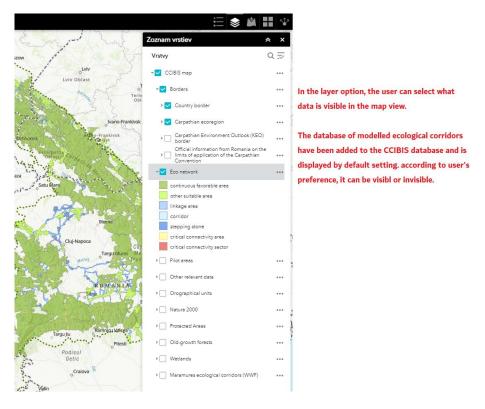


Figure 6: CCIBIS geoportal - viewing data (the modelled ecological corridors on screen)





Data collected within the pilot sites had been incorporated into the database

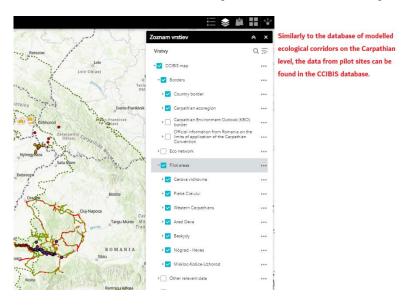


Figure 7: CCIBIS geoportal - viewing data (the pilot area data on screen)

• Data are viewable through the web map application (the CCIBIS geoportal). Data are presented in a user-friendly way and the access to the database will be granted to all key stakeholders





• Data is available to be accessed and worked with using WFS (Web Feature Service) service which allows linking data to a desktop GIS application (ArcGIS, QGIS etc.). This way the user can work with the data according to his/her preference and purpose. The WFS service is available using this link

https://gis.vm.stuba.sk/server/services/connectgreen/ccibis/MapServer/WFSServer?SERVICE =WFS&REQUEST=GetCapabilities



Figure 8: Access to WFS service in order to access data with desktop GIS application

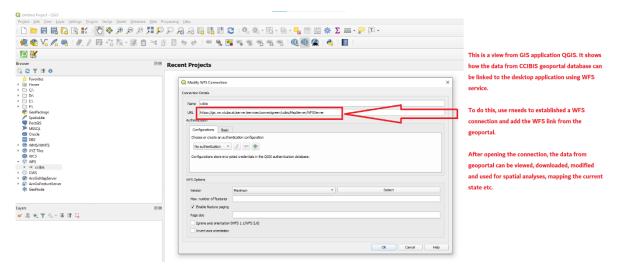


Figure 9: Access to WFS service from QGIS desktop GIS application - demonstration of connecting application to CCIBIS database