

# Green Infrastructure – ConnectGreen&SaveGREEN projects

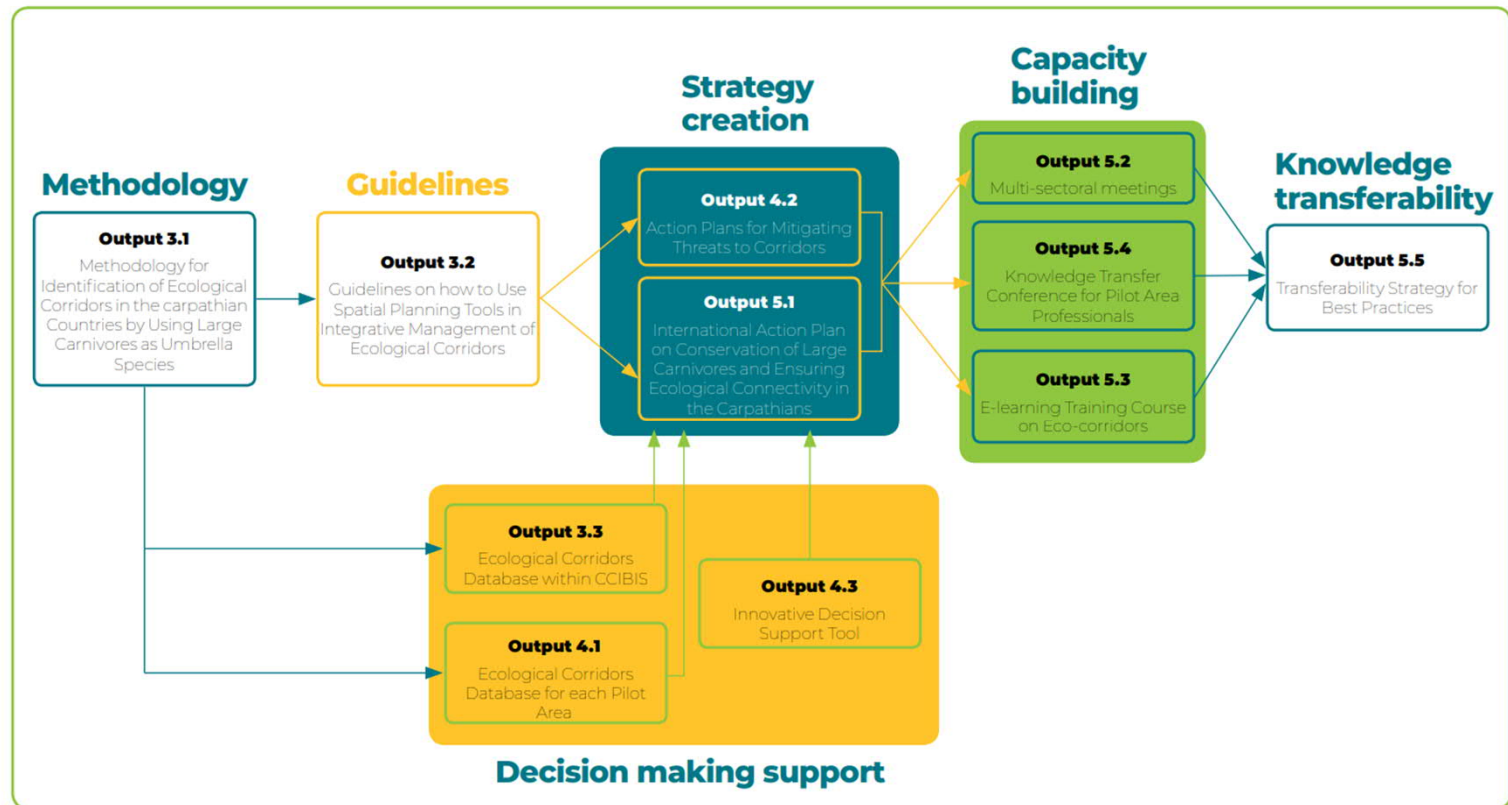
## Projects' approach

Dr. Nagy Gabriella Mária | Senior project coordinator

16th June 2021

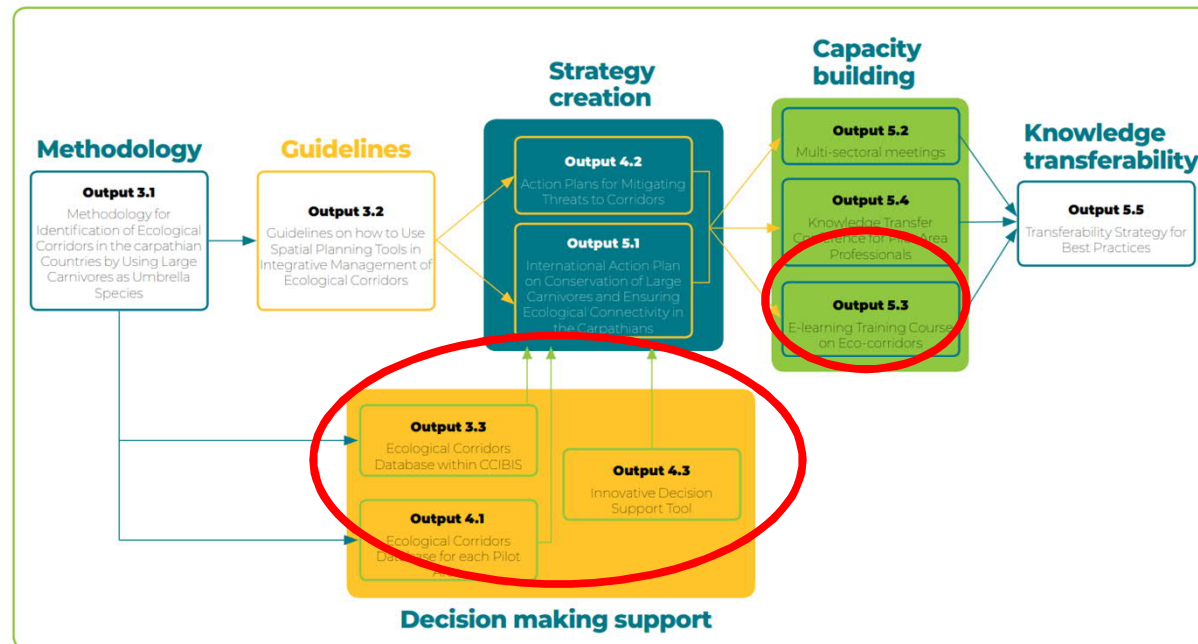


## ConnectGREEN Project Outputs



Project co-funded by the European Regional Development Fund (ERDF).

## Relation of the components to the other ConnectGREEN Project Outputs



Project co-funded by the European Regional Development Fund (ERDF).

# The Carpathian Countries Integrated Biodiversity Information System CCIBIS

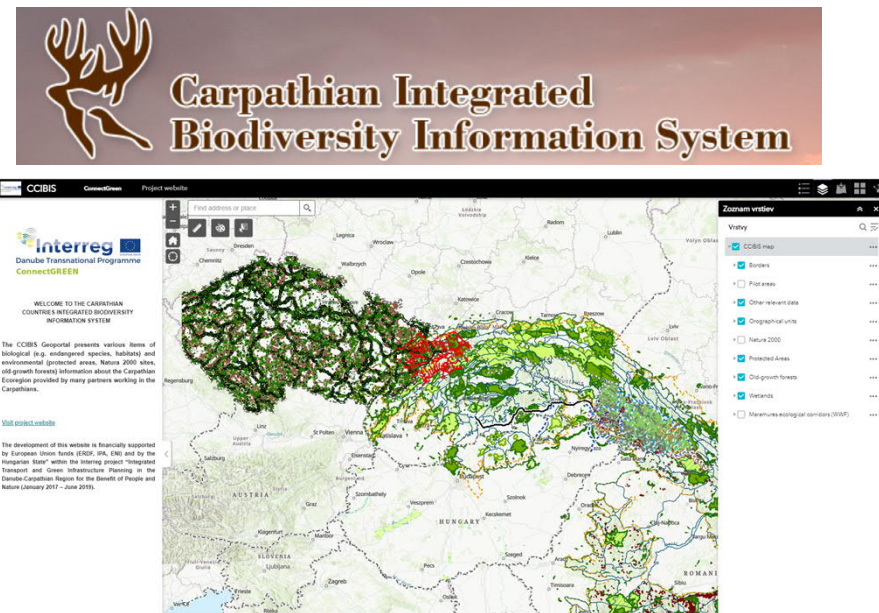
- A platform integrating information and data from initiatives implemented in the Carpathian Region.

TransGREEN, ConnectGREEN, SaveGREEN

BioRegio and other.

- Under the auspices of the Carpathian Convention – international institution under UNEP
- An open platform allowing for unlimited data management, option to download the data, including additional functionalities for creating new data layers.

<https://gis.vm.stuba.sk/portal/apps/webappviewer/index.html?id=a074b7cd120d42df863f89e9e9414d49>



Platform users



Platform



CCIBIS Geoportal



CCIBIS library

Integrator



*Harmonization  
Consolidation  
Synthesis*



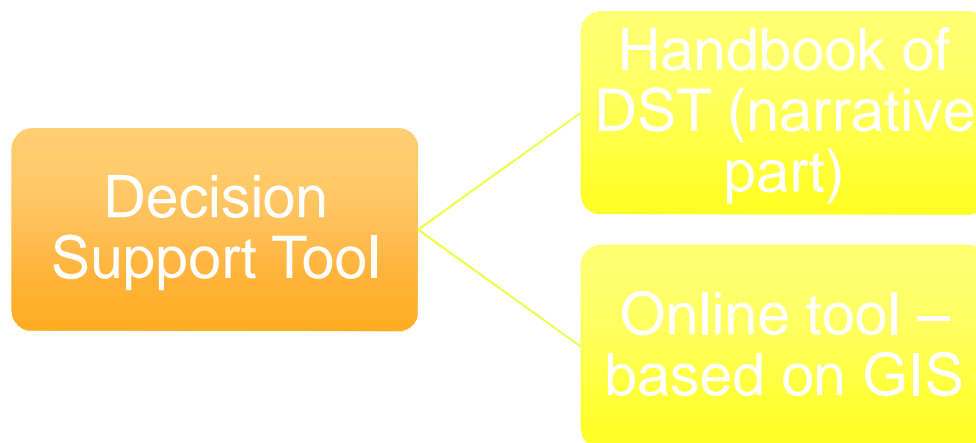
Unified methodology

Local teams in the field



Project co-funded by the European Regional Development Fund (ERDF).

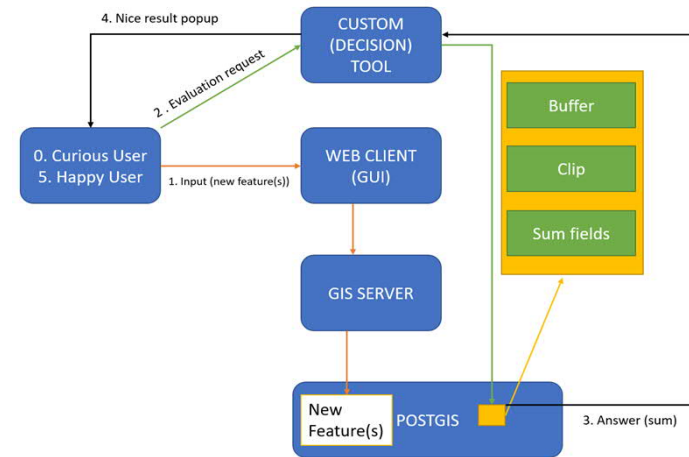
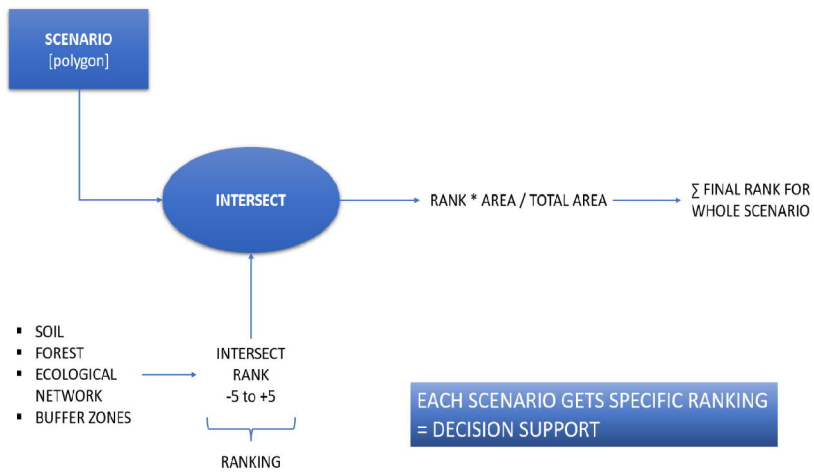
## Innovative Decision Support Tool



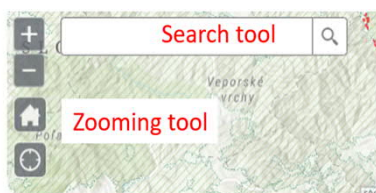
- a **GIS-based support tool** in the pre-planning phase of the decision-making process about a new investment in the territory. Its aim is to **help looking for a better alternative or a better location of a planned infrastructure** according to the **ecological value** of the area.
- **not intended to replace the planning process nor the EIA** procedure, it is meant to be the first step whether to go into the project and to be user-friendly and easy to use. It **is designed to be comprehensive and easy to use** so that anyone (planner, environmentalist, investor, municipality) can utilize it.

<https://gis.vm.stuba.sk/portal/apps/webappviewer/index.html?id=1f53713820c140989eebfa4ff9198730>

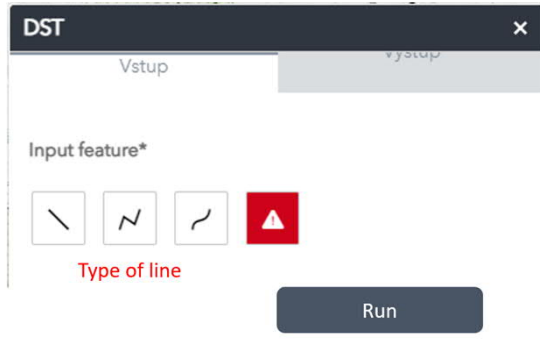
# Innovative Decision Support Tool – how it works?



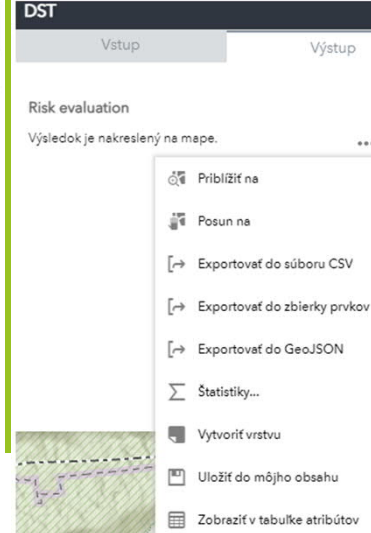
# Innovative Decision Support Tool – user interface



User interface



User interface - using DST – input

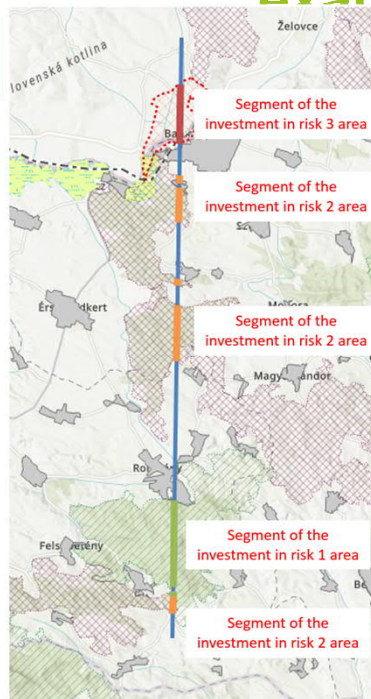


User interface - using DST – output

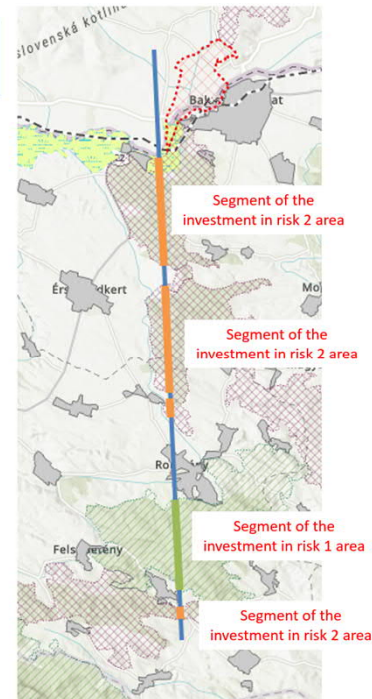


# Innovative Decision Support Tool – an example

**Variant A:**  
includes risk areas of values 1, 2 and 3



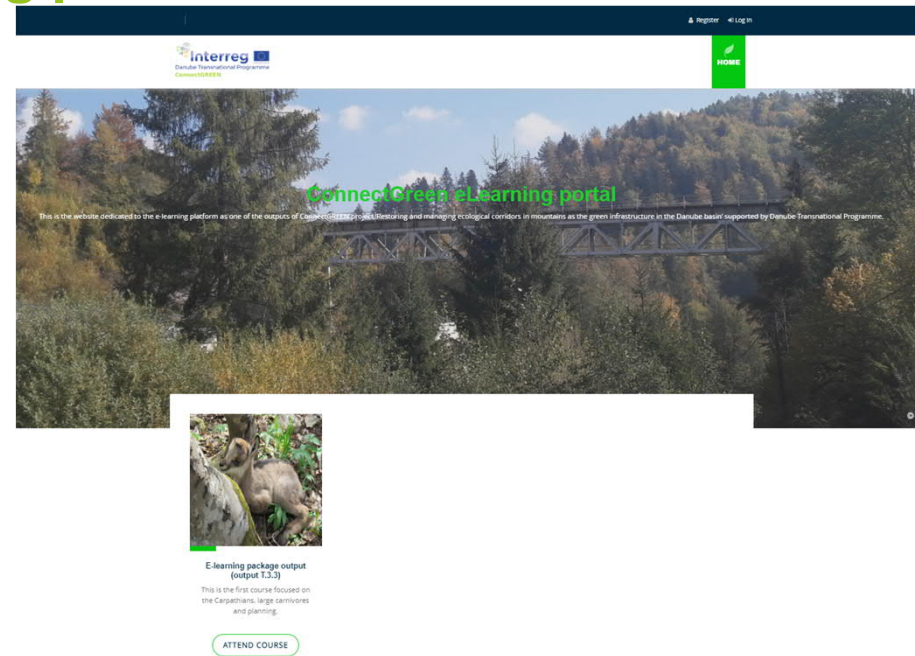
**Variant B:**  
includes risk areas of values 1 and 2



## E-learning platform

- Designed on open-source e-learning platform Moodle
  - Open registration
- After completion the user receives a certificate of completion

<http://elearning.patko.sk/>



## Objective

Training package is developed to build capacity on ecological corridor identification and management and the spatial planning tools

## 2 target groups

One course on identification, management and monitoring of eco-corridors for conservationists and protected area staff

One course on integration of eco-corridors in spatial plans dedicated to spatial planners and related professional groups, incl. authorities

## Language

Available in local languages

## Availability

The courses are available online and promoted among the protected area community, universities, local authorities and spatial planning practitioners. Registration is free for any interestees



The screenshot displays the website interface for the Interreg Danube Transnational Programme ConnectGREEN. On the left, a navigation menu lists various sections including Home, Dashboard, Site pages, My courses, and detailed sub-items for Module 1 such as Participants, Badges, Competencies, Grades, and General. The main content area features a presentation slide titled "The Carpathian Region" with the subtitle "IDENTIFIED METHODOLOGY FOR IDENTIFICATION OF WILDLIFE CORRIDORS FOR LARGE CARNIVORES IN THE CARPATHIAN COUNTRIES". The slide includes the Interreg logo, the Danube Transnational Programme ConnectGREEN logo, and lists authors: Václav Hlaváč, Martin Strnad, Dušan Romportl, Milan Janák, Lukáš Záhorec, Zuzana Okánková. Below the slide, there are five links for downloading the presentation in different languages: Czech, Hungarian, Romanian, Serbian, and Slovak. At the bottom of the slide, it says "INTRO TO THE CARPATHIANS Strana 1 / 6".



Short video in English, subtitled in national languages



Presentations in national languages



Learning text



Recommended readings



Quiz



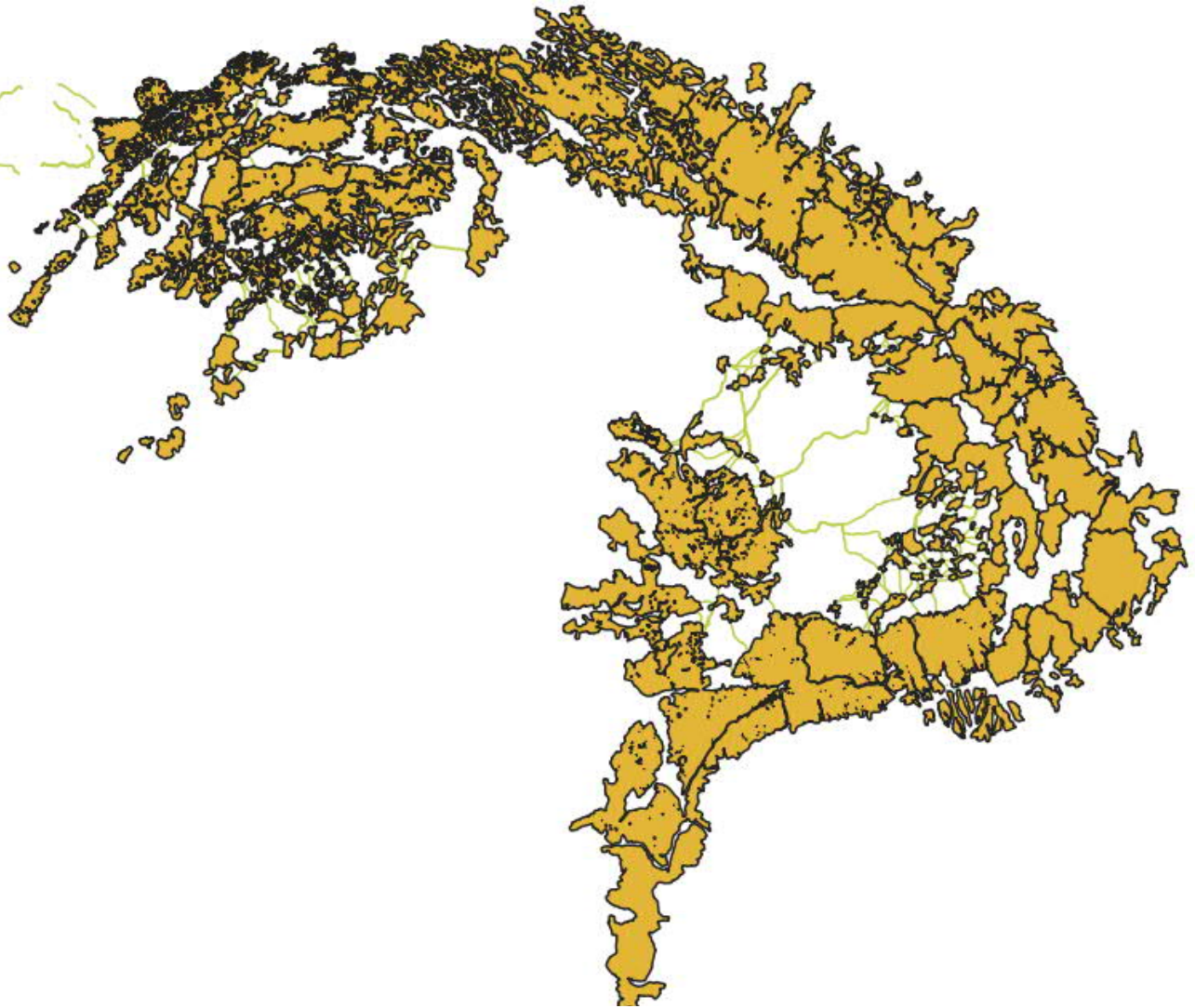
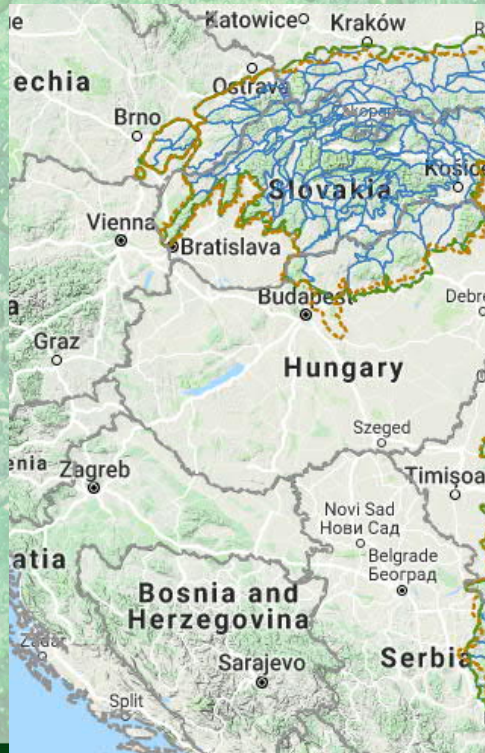
**Certificate**

# Habitat suitability modeling



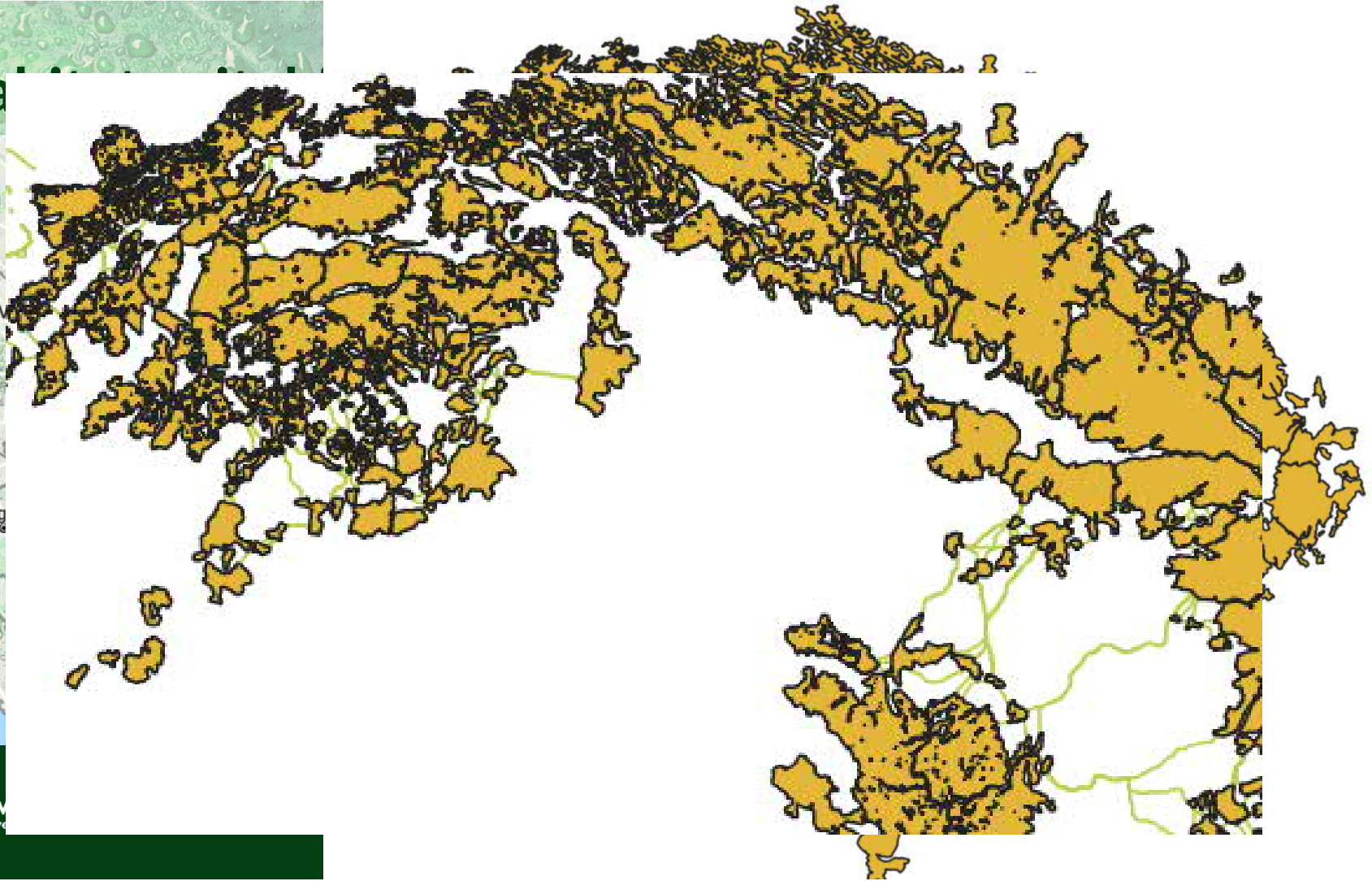
- Input data
- Maps
- Field work measures
- Output maps
- ArcGIS
- Critical zones and  
action plan
- CCIBIS

# Habitat suitability

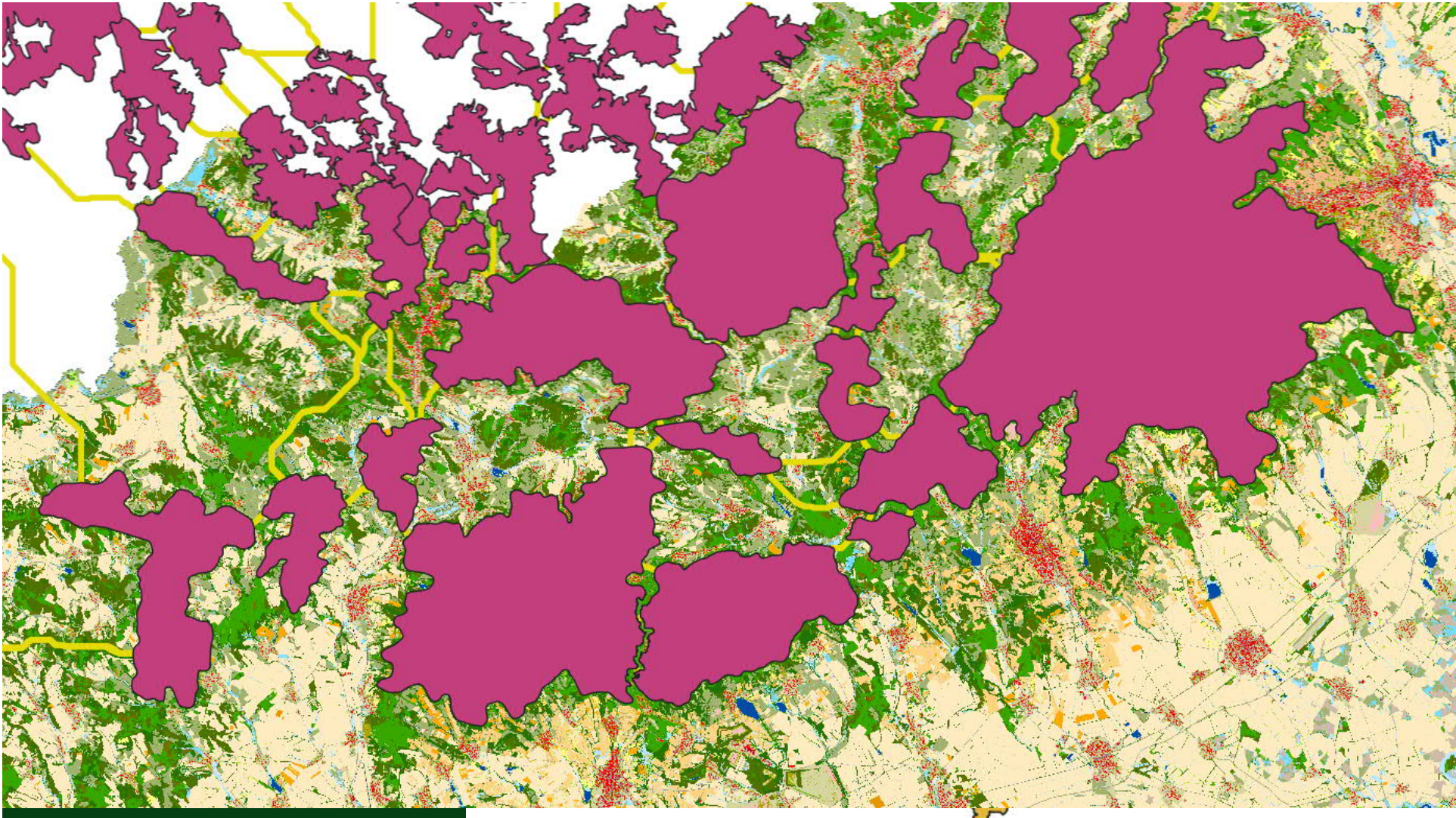


# Ha

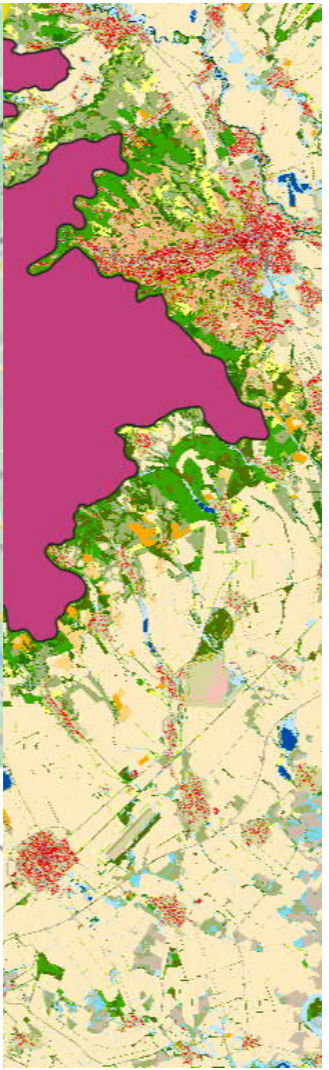
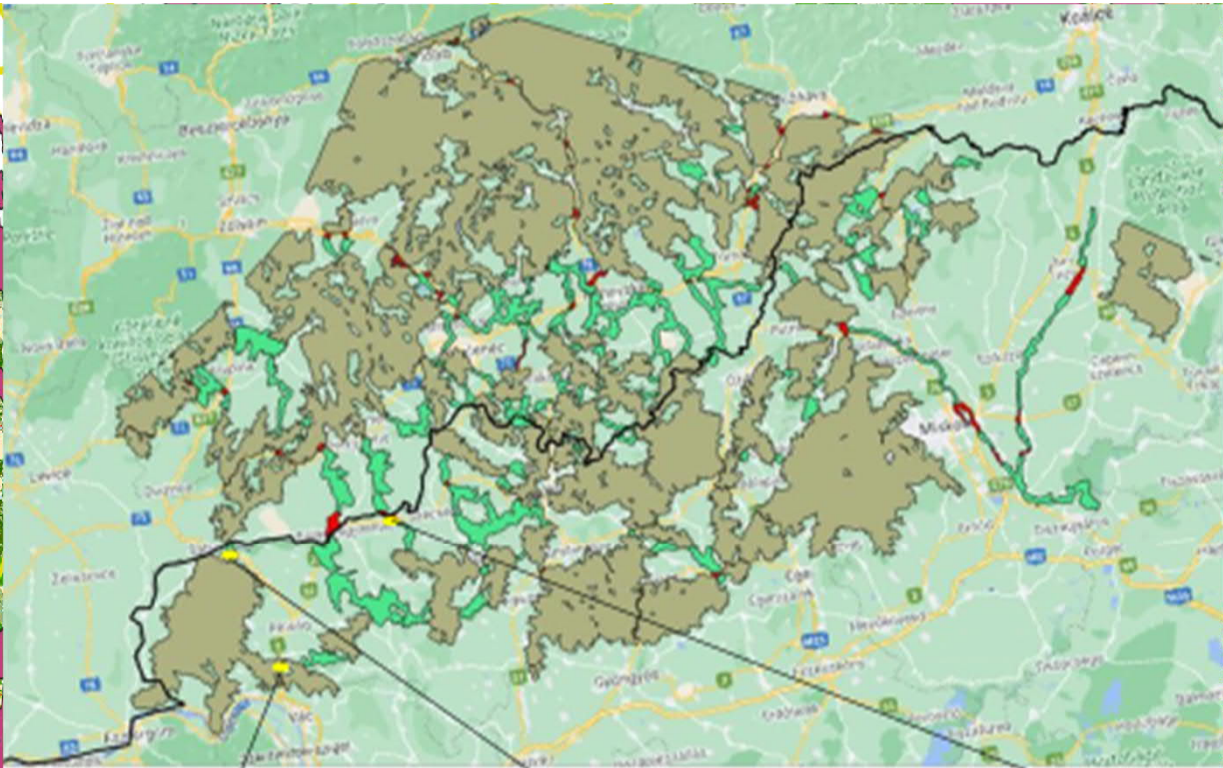
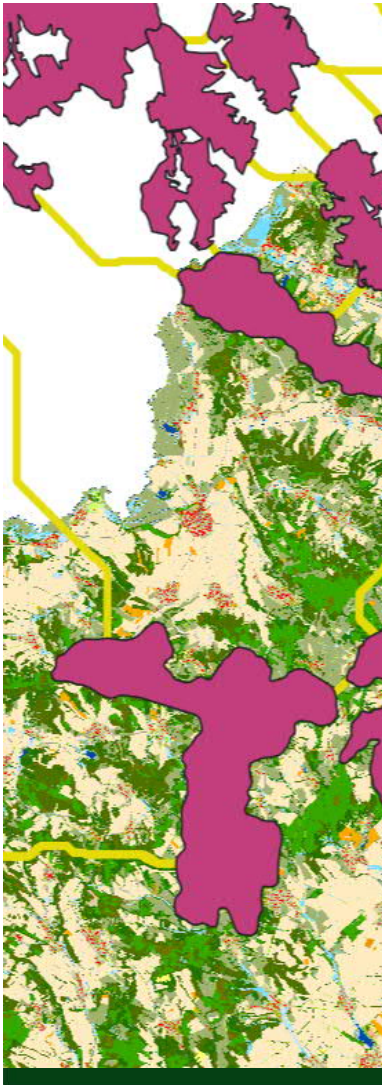
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CEEW  
for Biodiversity









# Carpathian Integrated Biodiversity Information System

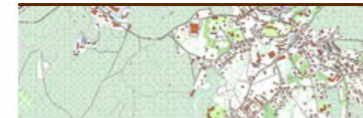
[ABOUT CCIBIS](#) [CARPATHIAN FEATURES](#) [PARTNERS](#) [LIBRARY](#) [CONTACT](#)

## CARPATHIAN FEATURES



[Red List of Species, Habitats and Invasive Alien Species in the Carpathians](#)

## GEOPORTAL



The CCIBIS Geoportal presents various items of biological (e.g. endangered species, habitats) and environmental (protected areas, Natura 2000 sites, old-growth forests) information about the Carpathian Ecoregion provided by many partners working in the Carpathians. See the manual.

[Go to GEOPORTAL](#)

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# New mobile app to monitor functional and structural connectivity

Select a QGIS project or dataset

Internal storage

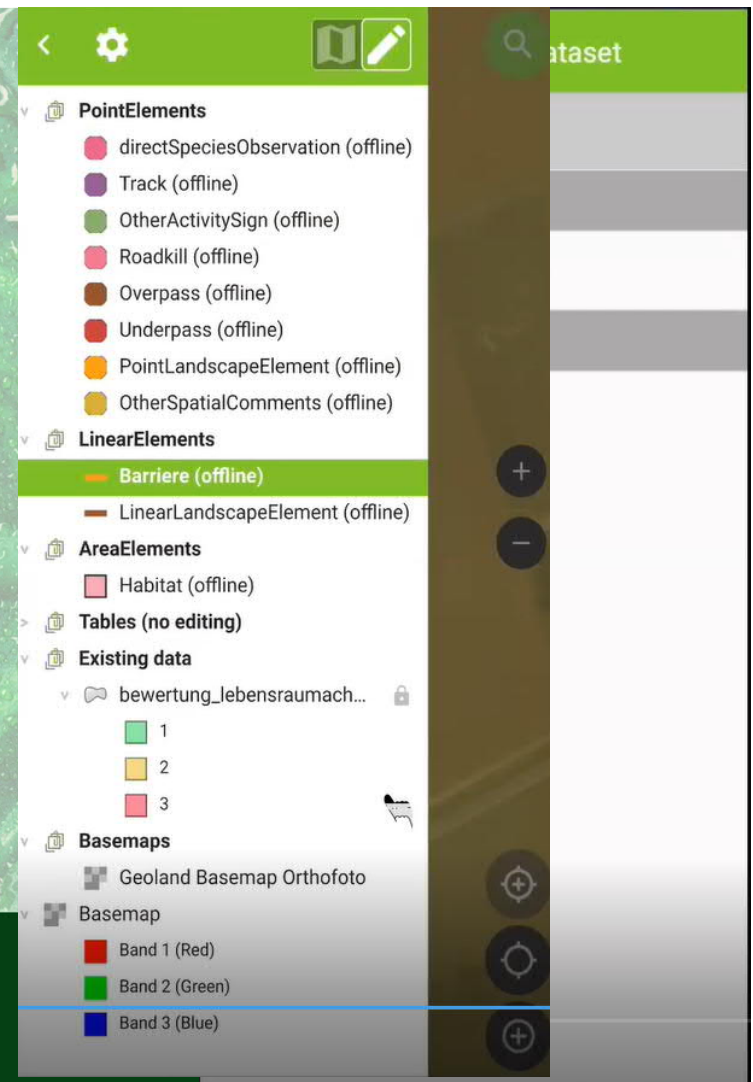
Recent projects and datasets

savegreen\_AT\_qfield.qgs

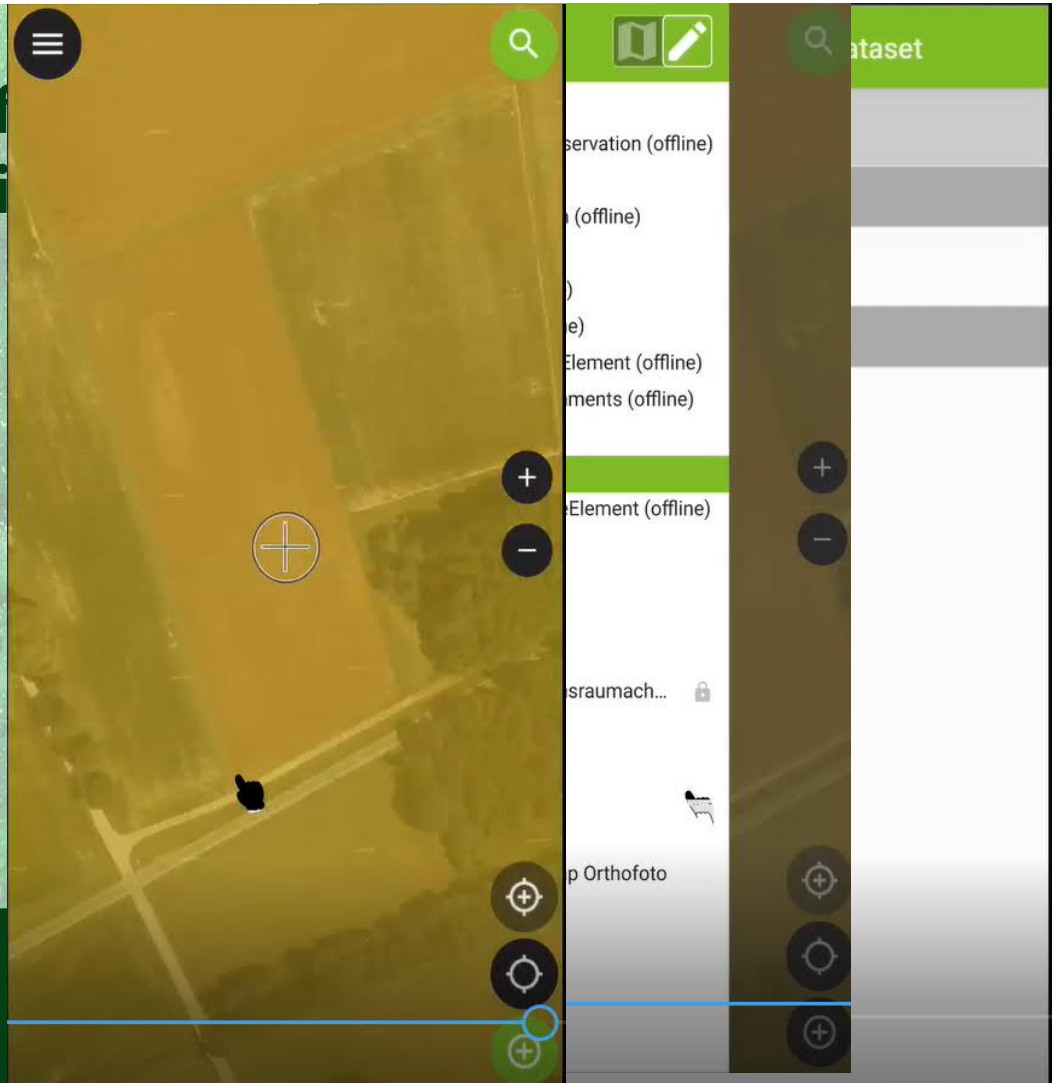
Favorite directories

demo\_projects

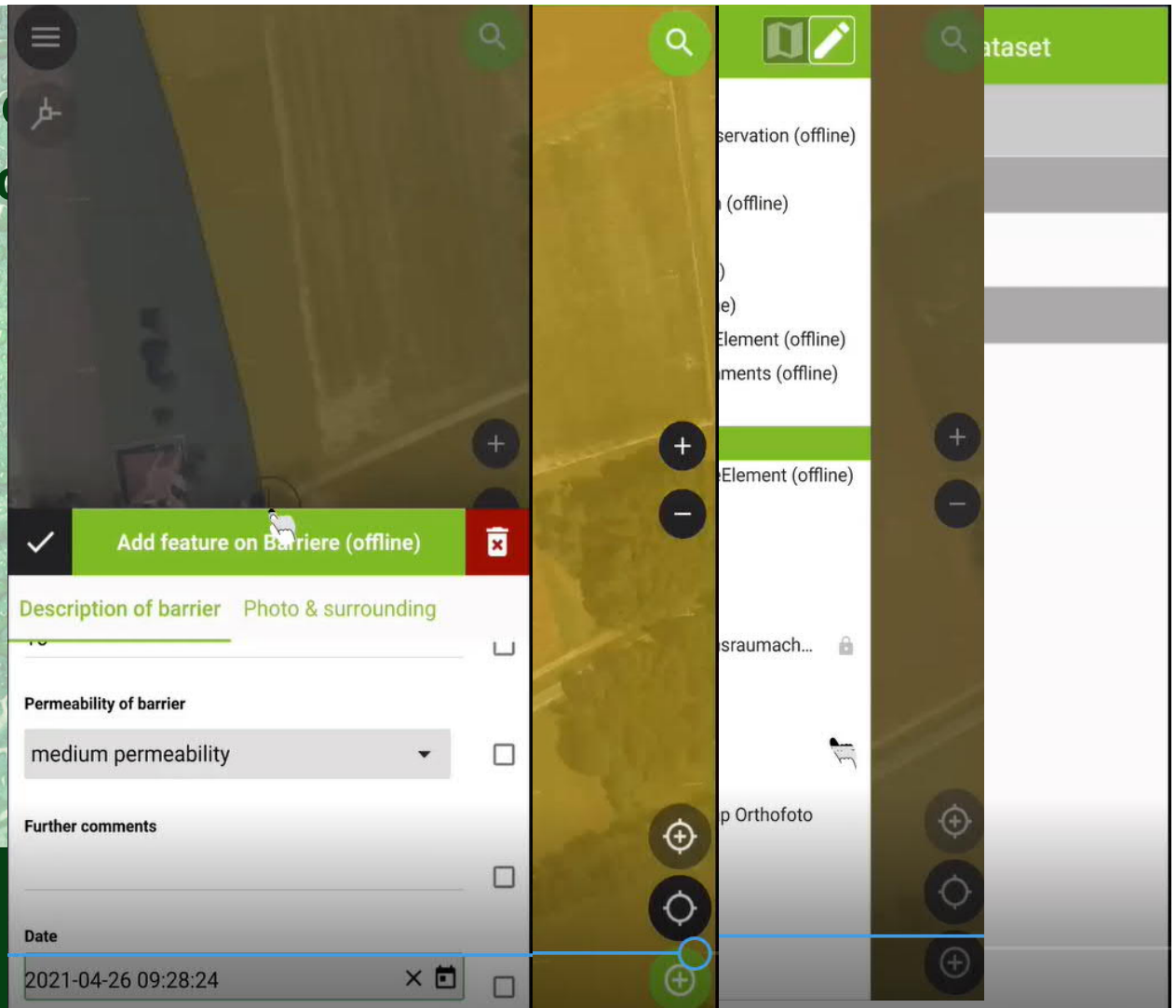
# New mobile app to monitor functional and structural connectivity



# New mobile app to monitor and structural connecti



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# New mobile app to monitor functional and structural connectivity



## New position and policy advocacy papers in SaveGreen project

Analysis of funding for the elaboration of a Green Infrastructure measure/ interventions for AT, BU, CZ, HU, RO, SK, UA

Elaboration of a funding measure/ interventions for promoting green infrastructure at transnational level

EU Policy opportunities -ROADMAP-



## Analysis of funding for the elaboration of a Green Infrastructure measure/ interventions

	Country						
	Austria	Bulgaria	Czech R.	Hungary	Romania	Slovakia	Ukraine
Technical readiness	Low to Medium	Low to Medium	Medium to High	High	Low to Medium	High	Low to Medium
Institutional capacity of the environmental bodies	Low to Medium	Low	Medium	Medium	Low	Low to Medium	Low to Medium
Institutional capacity of the EU Funding bodies	High	Low to Medium	Medium to High	Medium to High	Medium to High	Medium to High	Low
Perception on the need of financing GI	Very High	Very High	High	Very High	High to Very High	Very High	Very High
General level of the country readiness towards further promotion of the GI under the EU funding programmes	Medium to High	Low to Medium	Medium	High	Medium	High	Low

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# Elaboration of a funding measure/ interventions for promoting green infrastructure at transnational level - Recommendations from the project

GAEC (Good agricultural and environmental conditions (Council Regulation No 1306/2013))

GAEC 9!

*" Minimum share of agricultural area devoted to non-productive features or areas"*  
and *" Retention of landscape features"*

# Elaboration of a funding measure/ interventions for promoting green infrastructure at transnational level

## - Recommendations from the project

### Eco-schemes

- voluntary for farmers
- detailed on state level in Ops
  - promote crop diversification
  - reduction in the use of pesticides and fertilisers,
  - thus sustaining biodiversity

# Elaboration of a funding measure/ interventions for promoting green infrastructure at transnational level

## - Recommendations from the project

### Agri-environment

- Support for extensive management of grasslands
- Ecological restoration of wetlands
- Support for agro-forestry

# **Elaboration of a funding measure/ interventions for promoting green infrastructure at transnational level**

## **- Recommendations from the project**

Other schemes:

- Afforestation of agricultural land
- AKIS - Agricultural Knowledge and Innovation systems
- Support for agro-forestry

# EU Policy opportunities -ROADMAP-





# EU Policy opportunities -ROADMAP-

	Q1 2021	Q2 2021	Q3 2021	Q4 2021	Q1 2022	Q2 2022	Q3 2022	Q4 2022
Agriculture & Food	Common Agriculture Policy trilogues January 2021 – June 2021							
	MS draft and submit CAP Strategic Plans to Commission January 2021 - December 2021							
	EP Resolution on Farm to Fork Strategy (non - legislative) January 2021 - May 2021							
	Revision and approval of CAP Strategic Plans January 2022 - September 2022							

## ConnectGreen final conference 28-30 September Visegrád + online

- Technical sessions on
  - Habitat suitability modeling
  - Decision support tool
  - E-learning platform
- Policy session for National Parks
  - National Parks - Mountain ranges: Alpark, Park Dinarides, Danubeparks, CNPA, Centralparks
  - Macro regional cooperation

Thank you!

Dr. Nagy Gabriella Mária

Senior project coordinator

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