

LECA - Updates on the project implementation and presentation of preliminary outcomes

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Supporting the coexistence and conservation of Carpathian Large Carnivores

LECA - CE0100170



16th Meeting of the Carpathian Convention Working Group on Biodiversity

Veselí nad Moravou, Czech Republic | 13-14 May 2025

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project coordinator

Mendel University in Brno

Introduction

Overall project status & progress

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- second half of project implementation, beginning of the 5th project period
- ongoing pilot & reference area actions (collecting data, activities in all thematic pillars according approved AF and detailed action plan)
- First output delivered

Duration

Start date **04.2023**
End date **03.2026**

Project progress

70%

IT Solution for stakeholder involvement

CarniTrack



IT Solution for stakeholder involvement

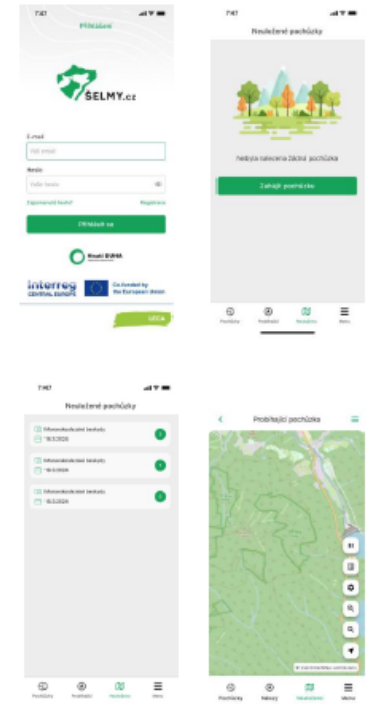
<https://play.google.com/store/apps/details?id=com.carnitrack.mobileapp>

An application tracking occurrences of large carnivores in the Carpathian region. It helps monitoring populations of bears, lynxes and wolves across borders.

The app is available at Google Play, public and relevant stakeholders can download and use it.



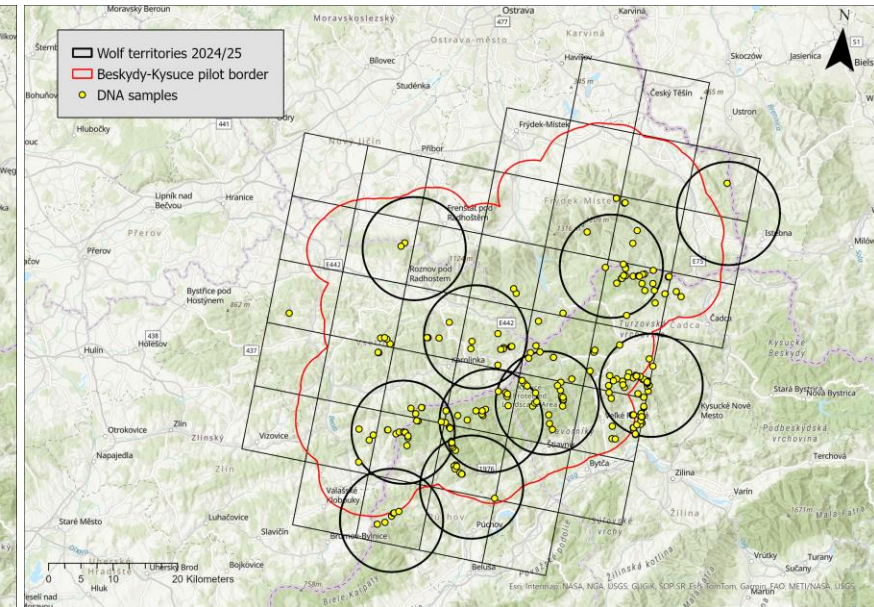
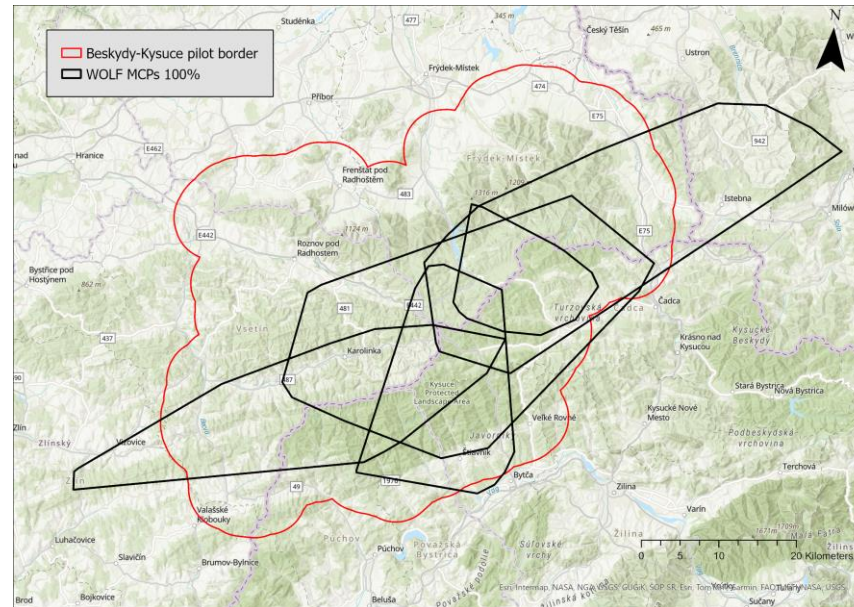
The app can be used by a wide variety of stakeholders (hunters, foresters, livestock keepers, researchers, nature conservationists etc.) and lay people who benefit from information about LCs populations.



Beskydy-Kysuce pilot

Key achievements in monitoring and data collection

- **5 wolves females collared;** more than 10 000 GPS positions obtained
- more than **3800 camera records** and **1100 signs of occurrence** recored in two wolf years (2023/24, 2024/25)
- **278 transects visited** and **227 DNA samples collected** during four months of non-invasive genetic sampling

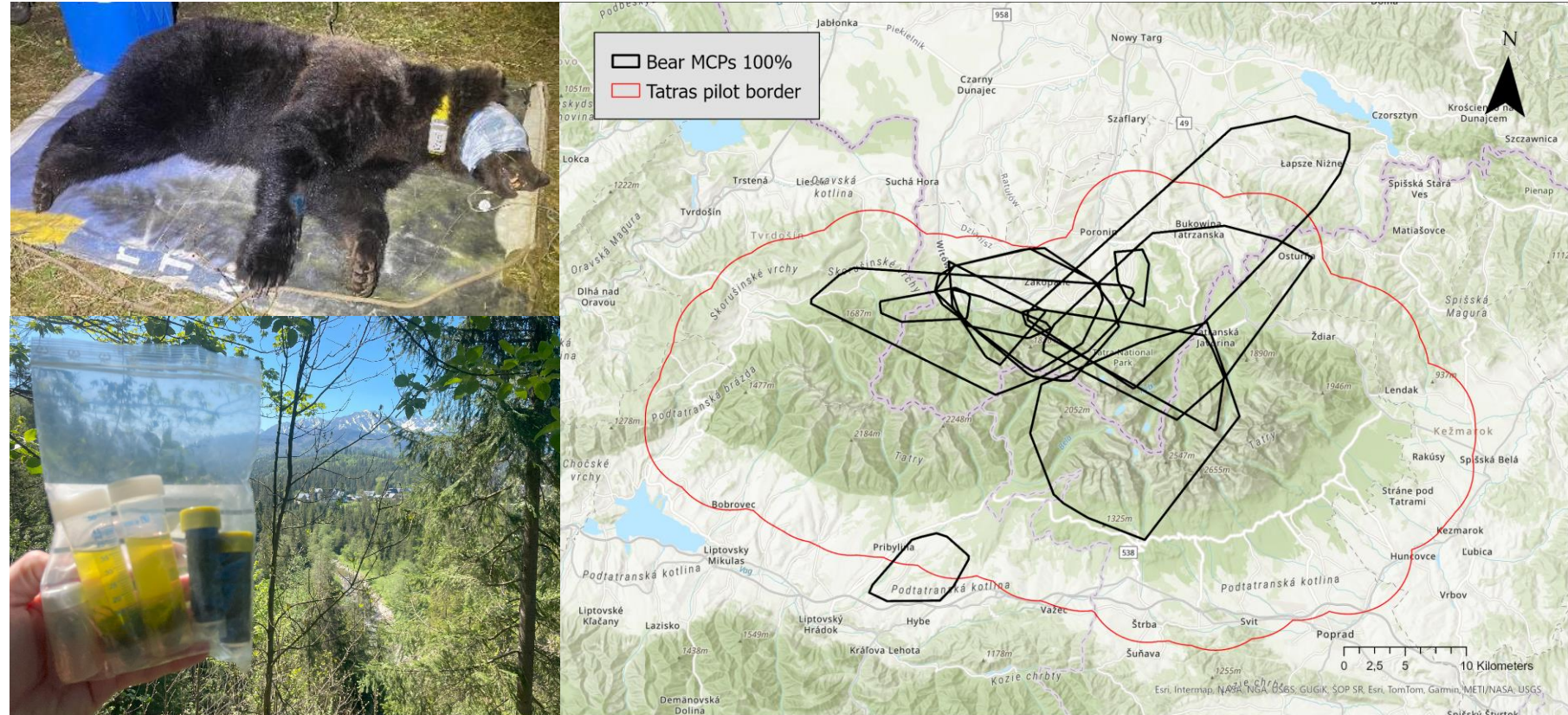


Tatras pilot

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Key achievements in monitoring and data collection

- 12 bears equipped with GPS collar so far (3 with video-collars), more than 15 000 GPS positions obtained
- More than 150 samples for diet/hormonal analyses collected



East Carpathians & Slovak Karst -North HU Mts. pilot

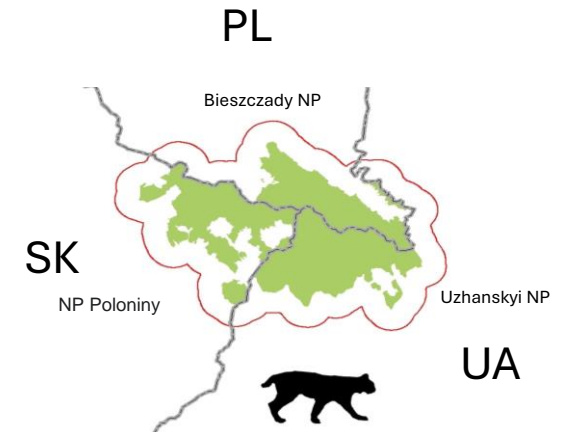
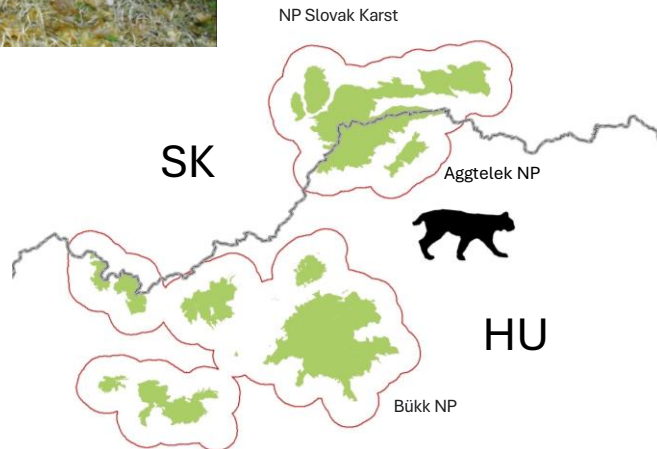
Key achievements in monitoring and data collection



Extensive CT: 10/23-10/24

Deterministic CT: 11/24-2/25; 41 camera stations

Only 2 independent lynxes identified



Extensive CT: 10/23-10/24

Deterministic CT: 11/24-2/25; more than 100 camera stations

At minimum 22 independent lynxes identified

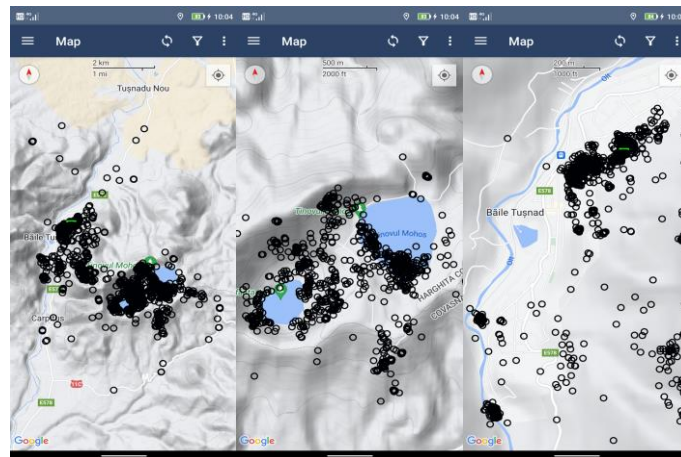


Reference area Romania & Slovenia

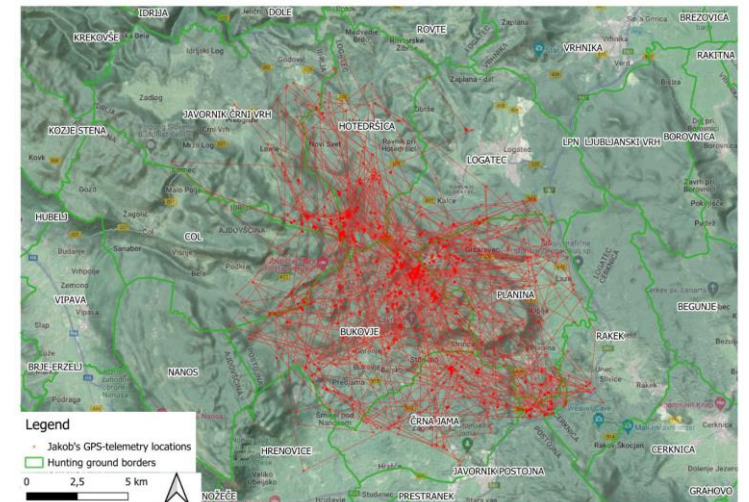
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Key achievements in monitoring and data collection

- 2 bears equipped with GPS video-collars in Tusnad region


ZARAND

- 2 wolves equipped with GPS collars in pre-Alpine region

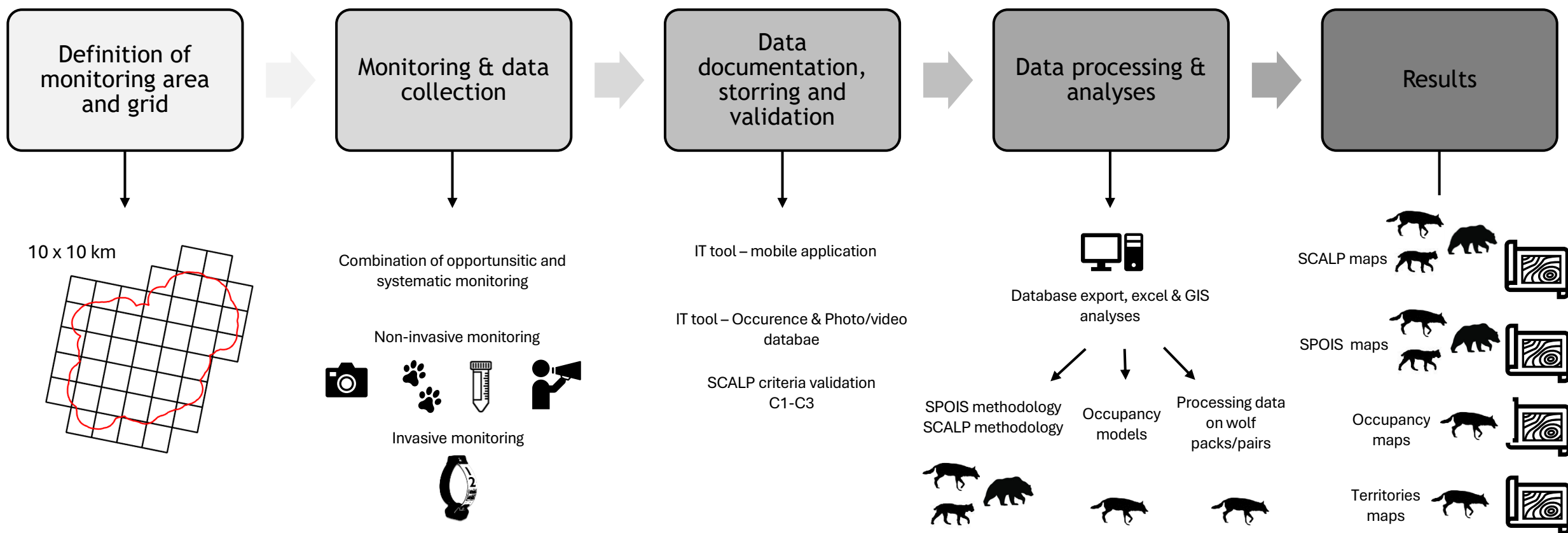

ZAVOD za GOZDOVE
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Slovenia Forest Service

Monitoring harmonisation



1. Monitoring standards for assessment of occurrence and distribution of large carnivores to be validated during pilot & reference area activities

- *all cross-border pilots and reference areas (all species: SCALP, IUCN SPOIS); Beskydy-Kysuce (wolf: occupancy, territories)*
- *Replications & recommendations for other cross-border areas, national and Carpathian level*

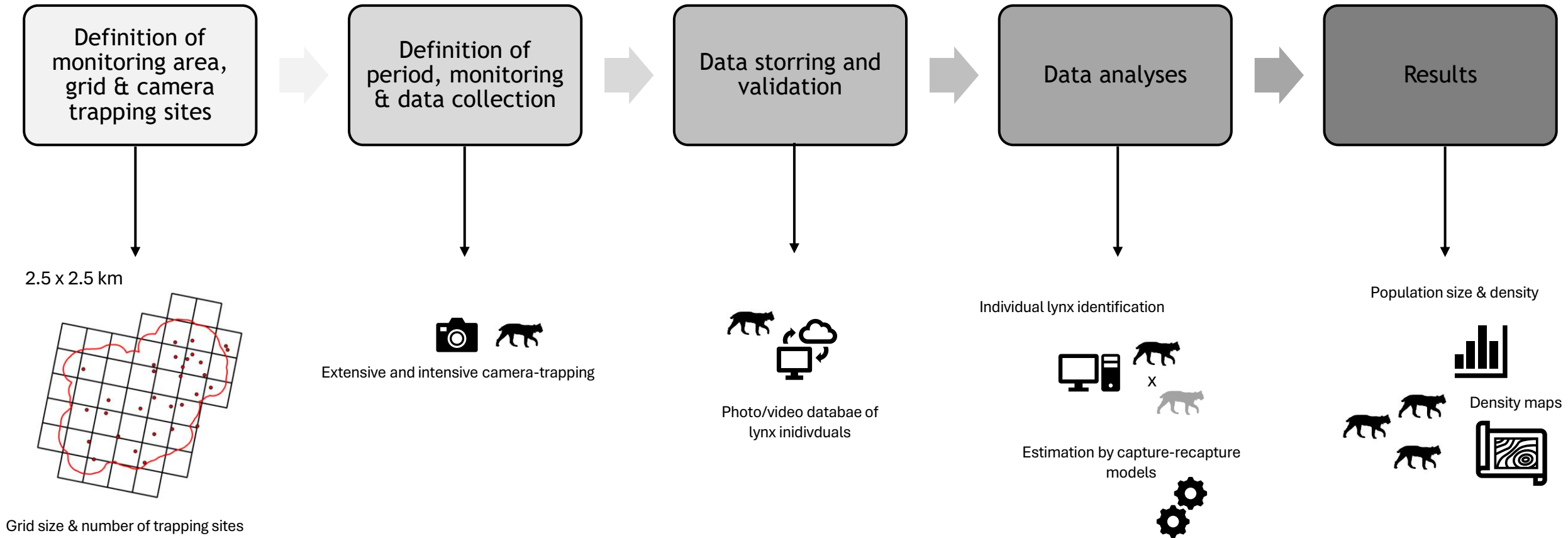


Monitoring harmonisation



2. Monitoring standards for assessment of demographic parameters and population dynamics of large carnivores to be validated during pilot area activities – Eurasian lynx

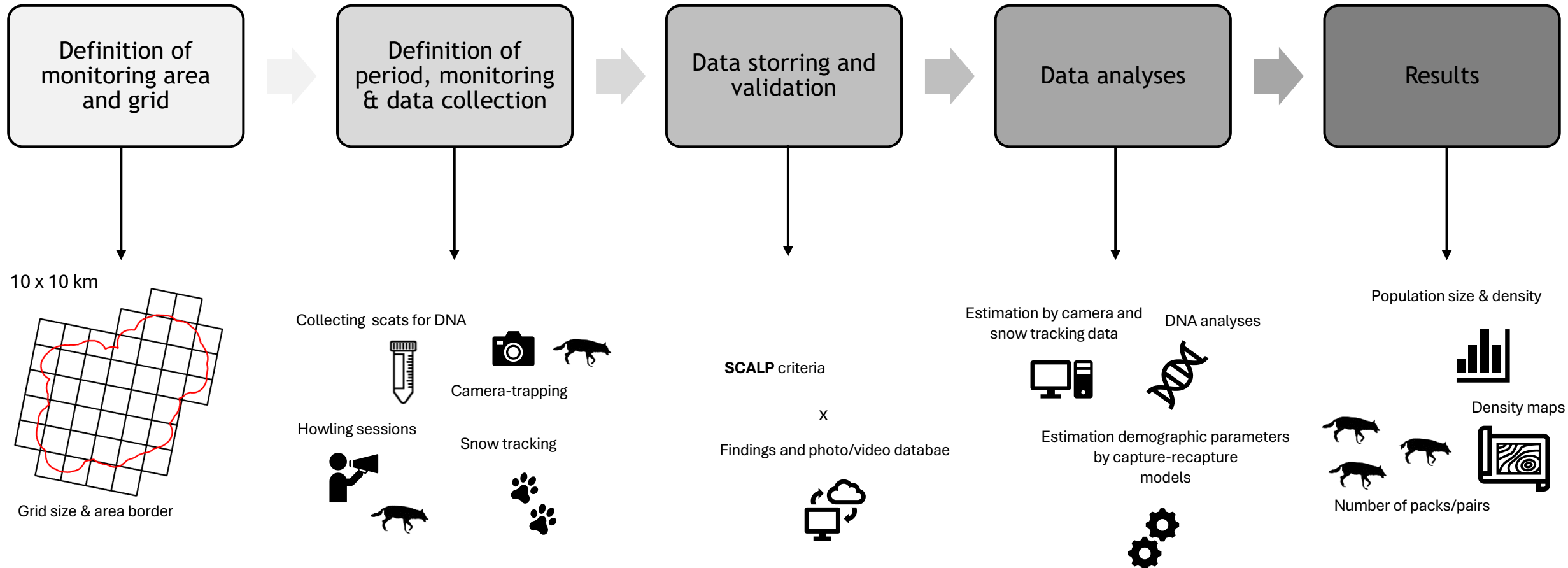
- **East Carpathians & Slovak Karst-North HU Mts. pilot**
- *Replications & recommendations for other cross-border areas, national and Carpathian level*





2. Monitoring standards for assessment of demographic parameters and population dynamics of large carnivores to be validated during pilot area activities – Grey wolf

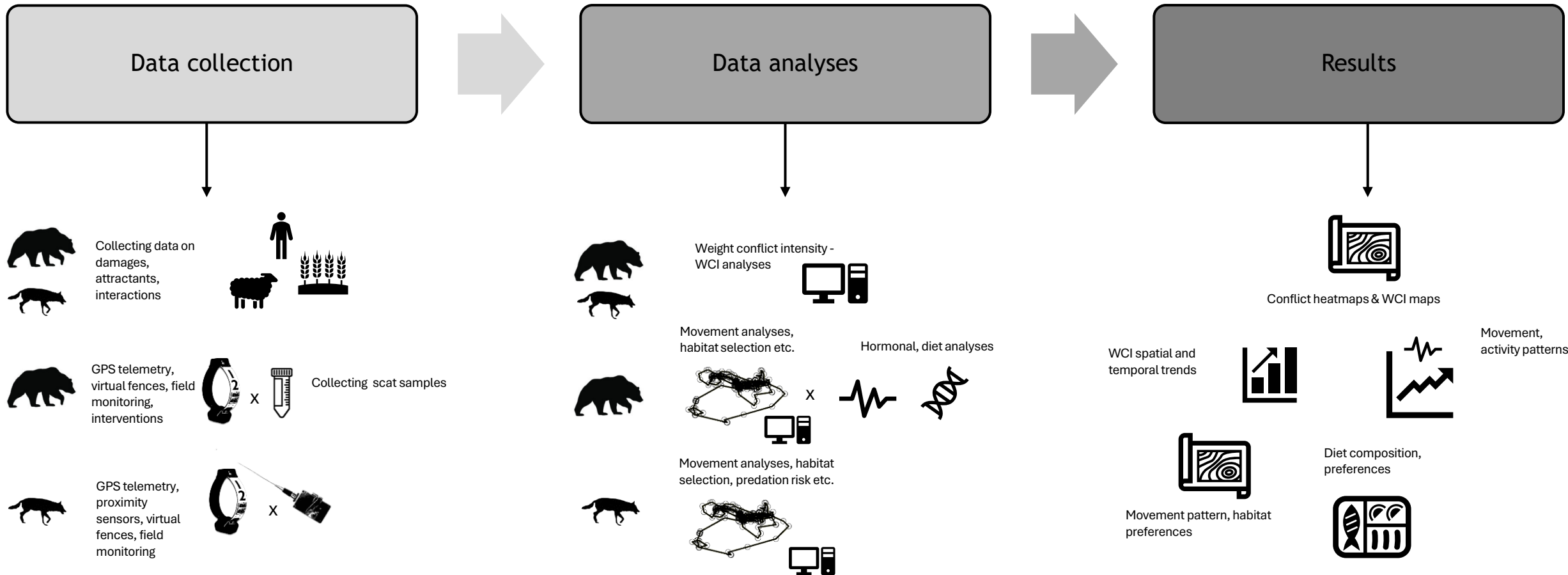
- **Beskydy-Kysuce pilot**
- *Replications & recommendations for other cross-border areas, national and Carpathian level*



Conflict prevention

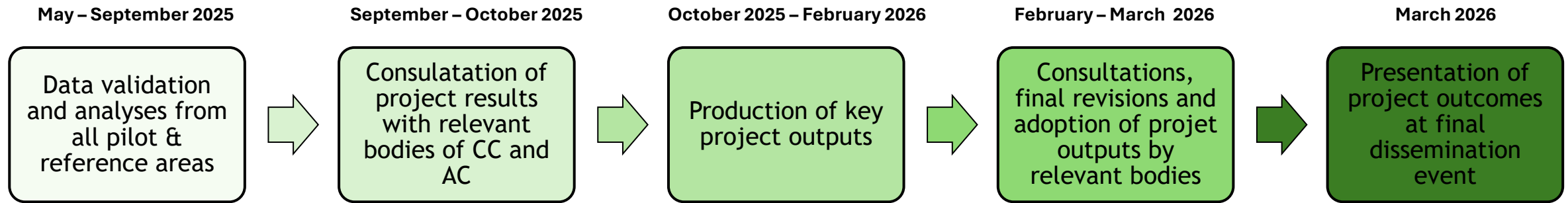
1. Conflict assessment tools to be validated during pilot & reference area activities

- **Beskydy-Kysuce & Slovenia reference area (wolf); Tatras & Romania reference area (bear)**
- *Replications & recommendations for other cross-border areas, national and Carpathian level*



Next steps & upcoming activities related to Carpathian Convention

Overview of main activities and their proposed timing in the last year of project implementation




Activities & tasks directly related to Carpathian (Biodiversity WG) & Alpine convention

1. **Three Draft Thematic Guidances (monitoring, poaching investigation, conflict prevention) validated and revised in light of WP2 Pilot Actions will be discussed with the relevant bodies of the CC and AC**
 - *D.1.3.1 Concluding consultations held on the validated LC guidances with the Carpathian Convention (CC)*
 - *D.1.3.2 Conclude consultations on the validated LC guidances with Alpine Convention(AC)*
2. **Support CC bodies by guiding the implementation of the Intl Action Plan (O1.4) in line with the Guidelines and findings of Pilot Actions (WP2)**
 - *D.1.4.1 Guidance to the implementation of the Intl Action Plan on LCs, incl. through updating Report on LCs*

Thank you for your attention!

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