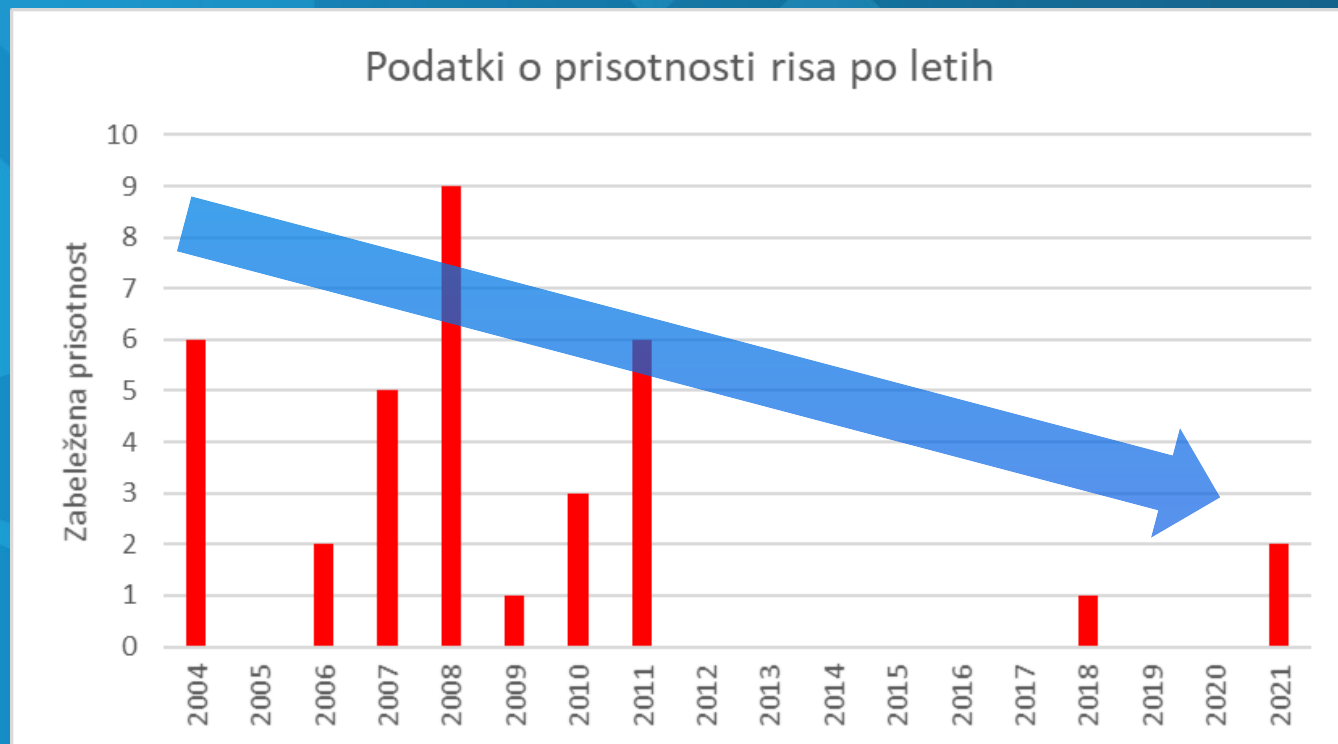


Ranger's role in monitoring reintroduced lynx population in Triglav National Park

Memorial Dani Re 2024,
National Park Kalkalpen, Ranger seminar

EARLY LYNX MONITORING IN TRIGLAV NATIONAL PARK

- First data of presence in 1986 in Trenta.
- Severe decline in population after 2000.

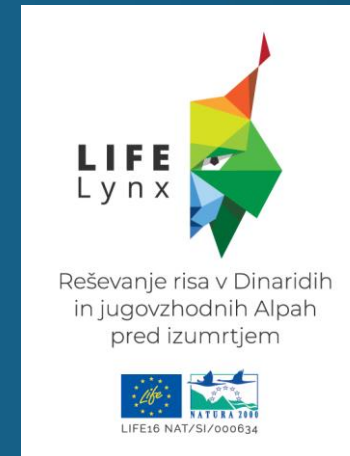
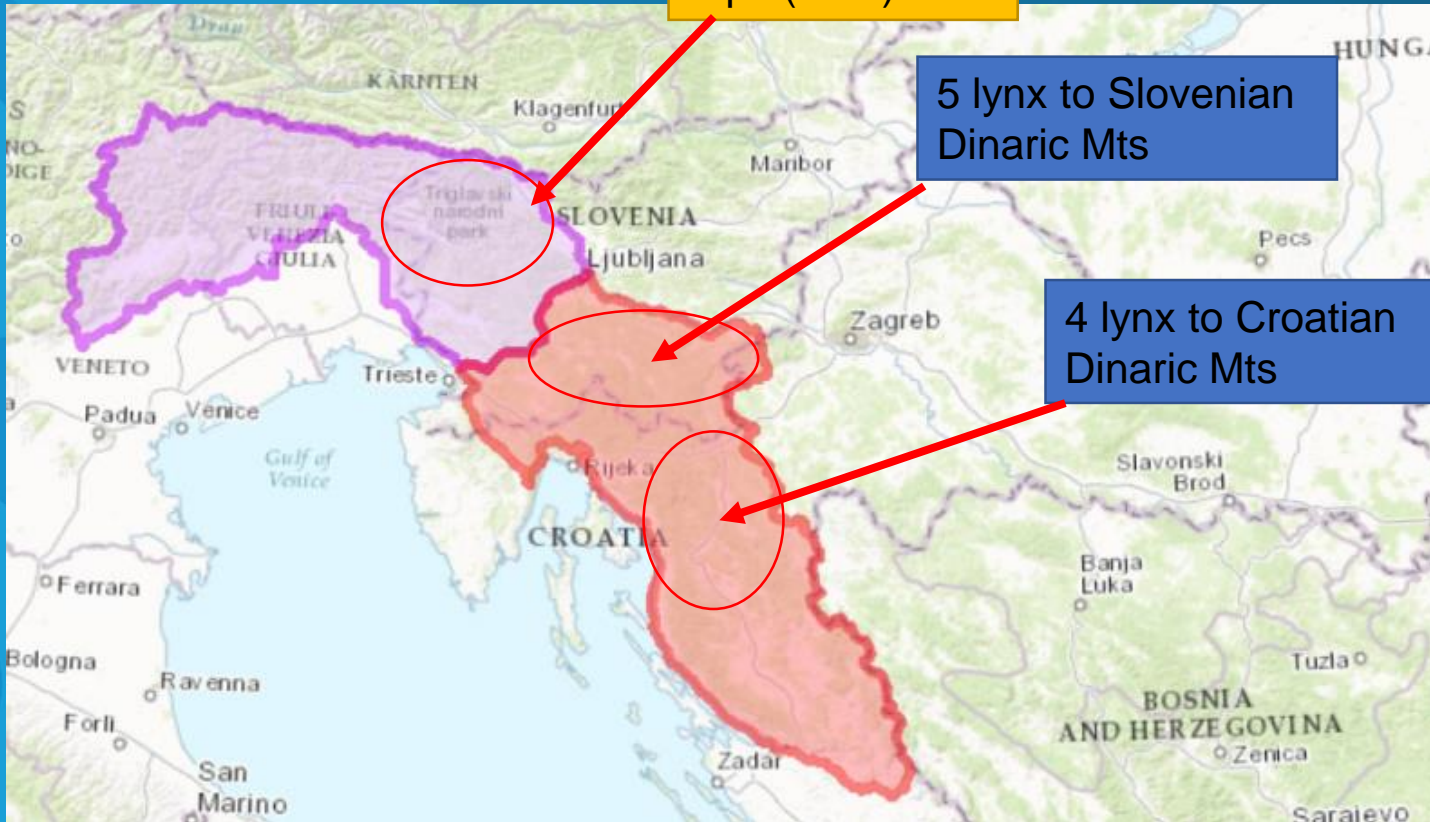


LYNX REINTRODUCTION

5 lynx to the Alps (SLO)

5 lynx to Slovenian Dinaric Mts

4 lynx to Croatian Dinaric Mts



MAIN GOAL: Saving the Dinaric-SE Alpine lynx population from extinction.

LYNX TRANSLOCATIONS TO THE ALPS

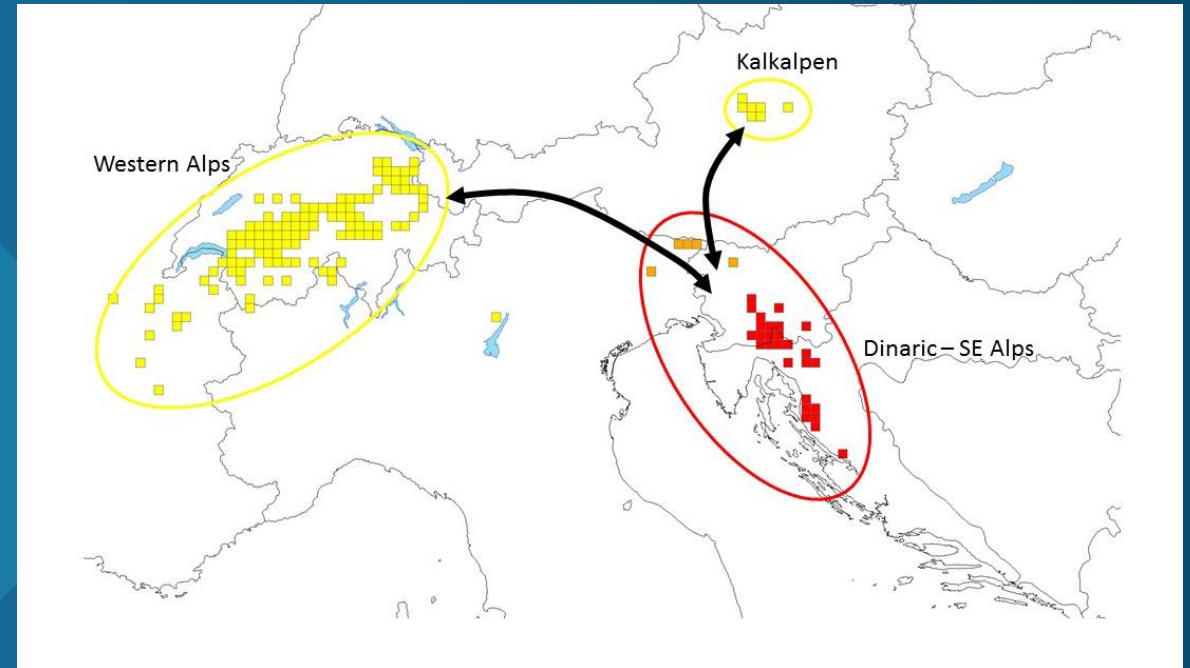
Population in Dinaric Mts is isolated from neighboring populations (Italy, Switzerland, Austria?) and severely inbred



Creating a population stepping stone in Slovenian Alps



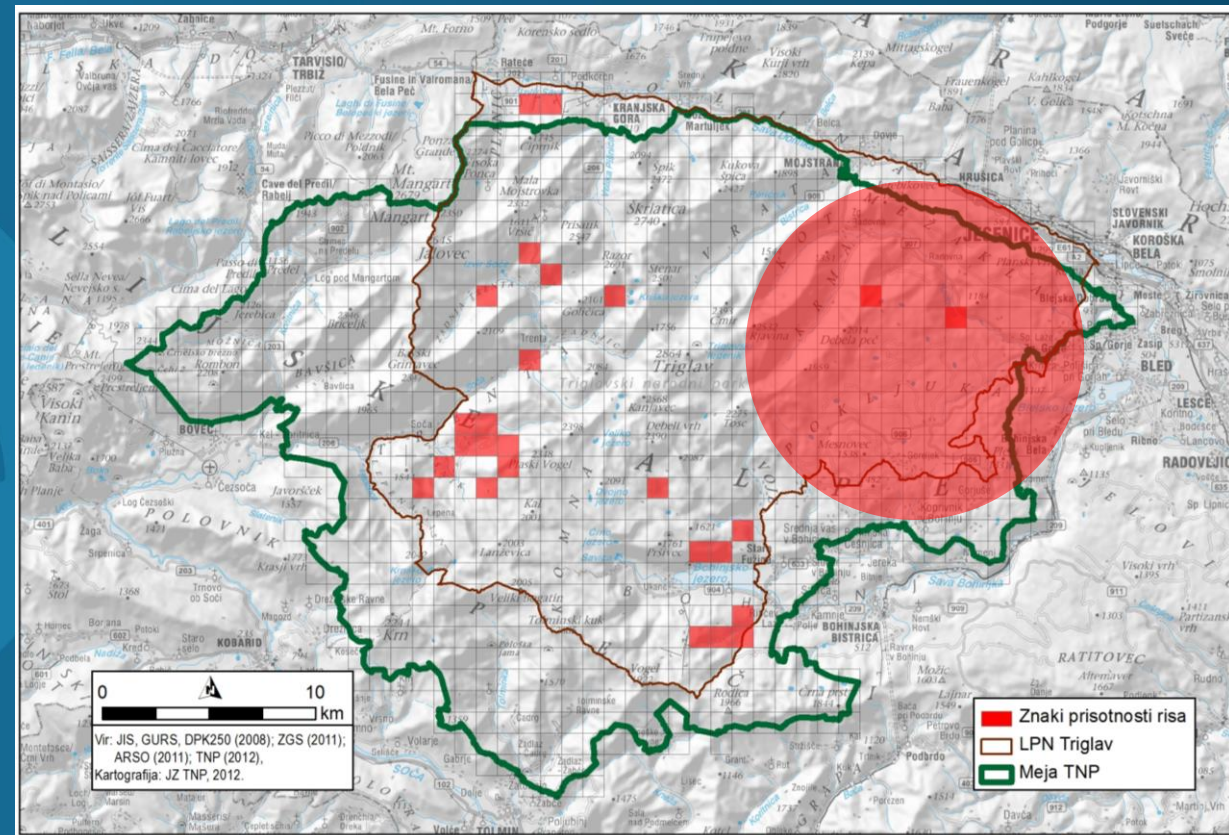
- ✓ Improved connectivity between Dinaric Mts and Julian Alps
- ✓ Long-term maintenance of the viability of Dinaric SE-Alpine population by connecting Alpine lynx populations



LOCATING THE ADAPTIVE ENCLOSURE

Location selection based on previos ranger monitoring data.

GIS analysis data cross checked by ranger experience from the field.



BUILDING THE ADAPTIVE ENCLOSURE



MAINTAINING THE ADAPTIVE ENCLOSURE



HELPING TRANSLOCATING LYNX



MONITORING LYNX IN THE ENCLOSURE



RELEASE OF THE LYNX



<https://youtu.be/peFjclVFNvg>

MONITORING AFTER THE RELEASE

CAMERA TRAPPING



SNOW TRACKING



RECAPTURING



CAMERA TRAPPING

- ✓ Used for systematic monitoring of the distribution and abundance of the lynx population in Slovenia
- ✓ Pilot implementation in the Alps in 2021, expanded in 2022.
- ✓ Detailed reporting within LIFE Lynx project reports, www.lifelynx.eu
- ✓ https://youtu.be/pmi5Lp-fY_8



CAMERA TRAPPING

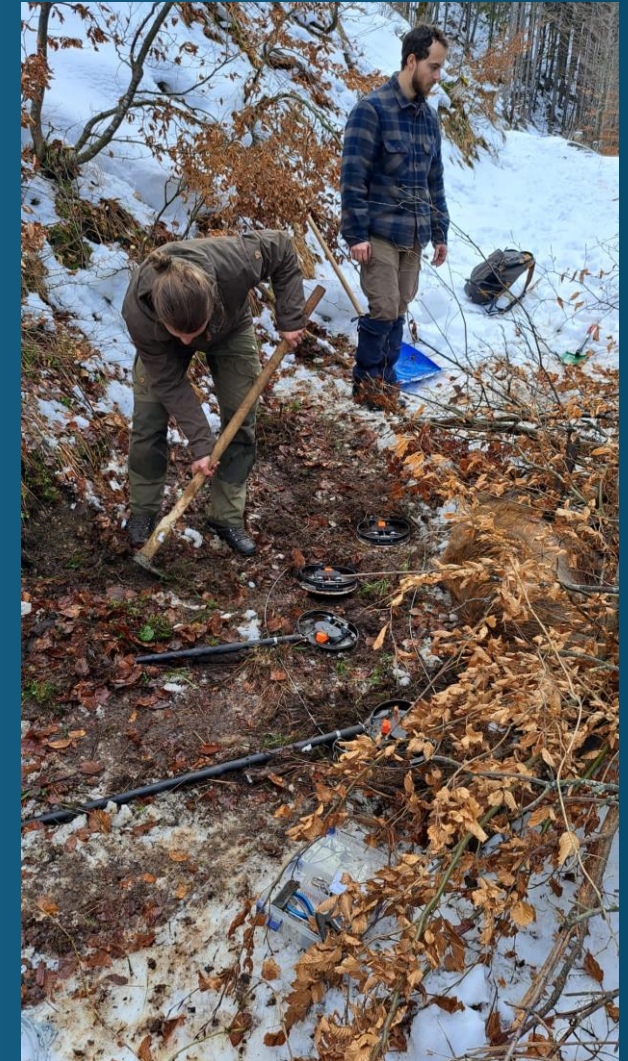


SNOWTRACKING



RECAPTURING

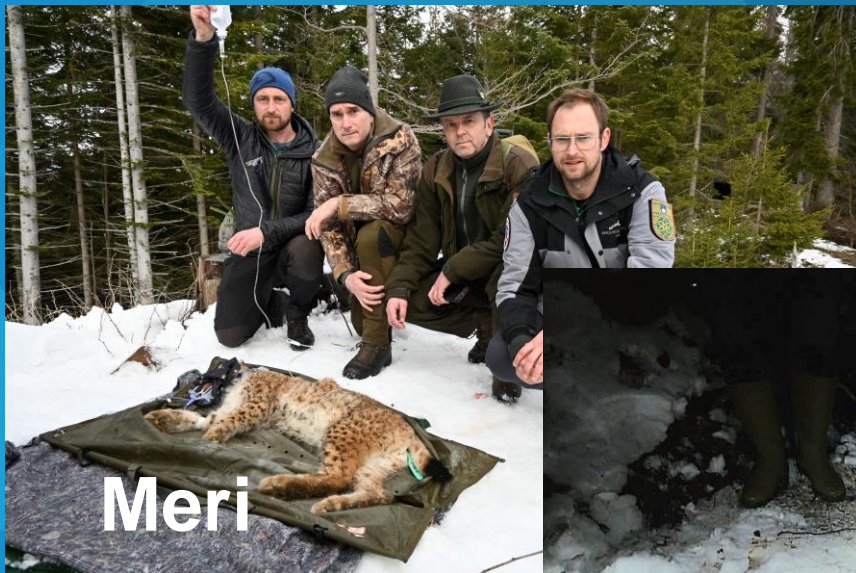
- ✓ Box traps
- ✓ Snares
- ✓ „Gameboy“ – remotely controlled tranquilizing air gun



RECAPTURING



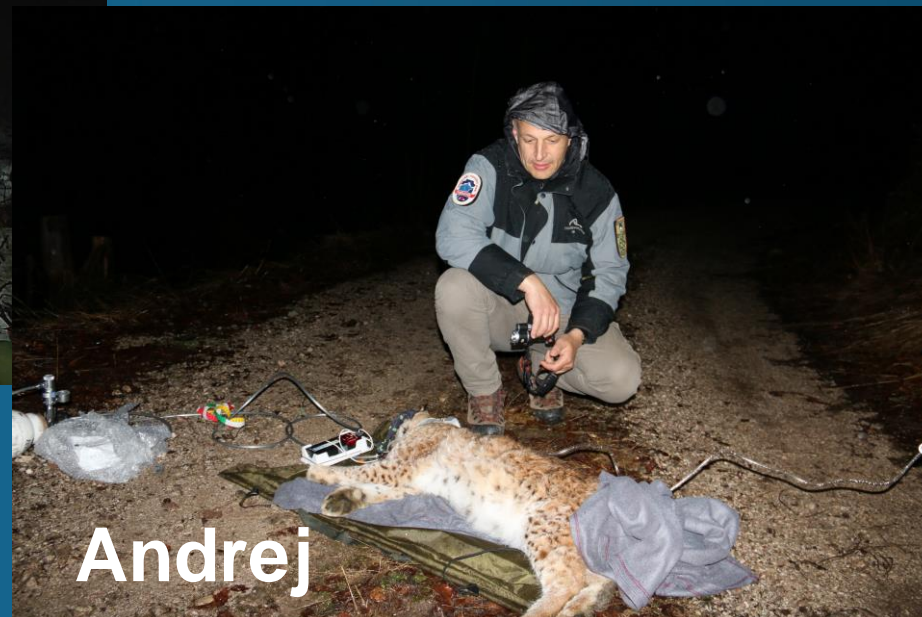
RECAPTURING



Meri



Flori



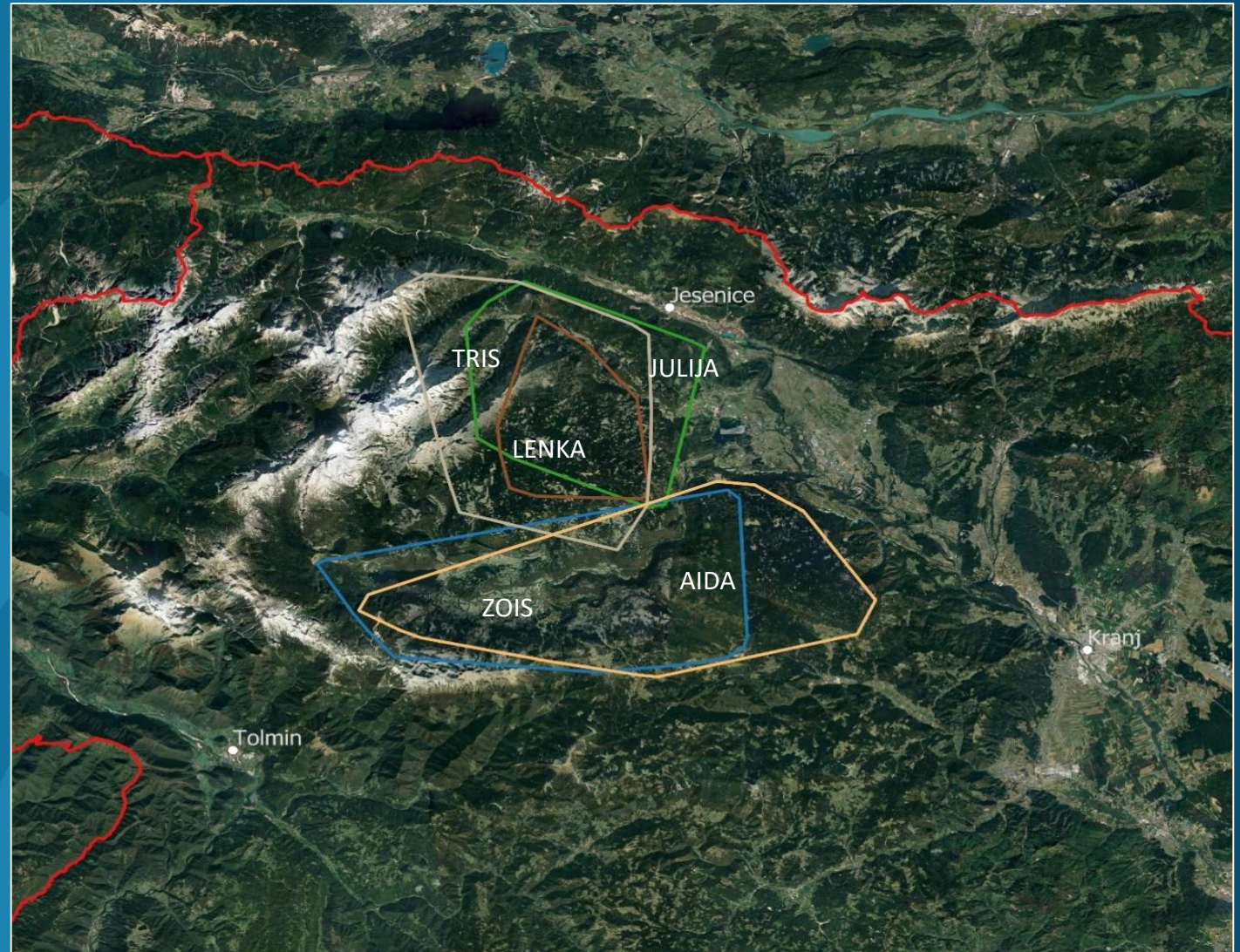
Andrej

CURRENT SITUATION 1

ALL RELEASED LYNX ESTABLISHED THEIR TERRITORIES IN THE ALPS

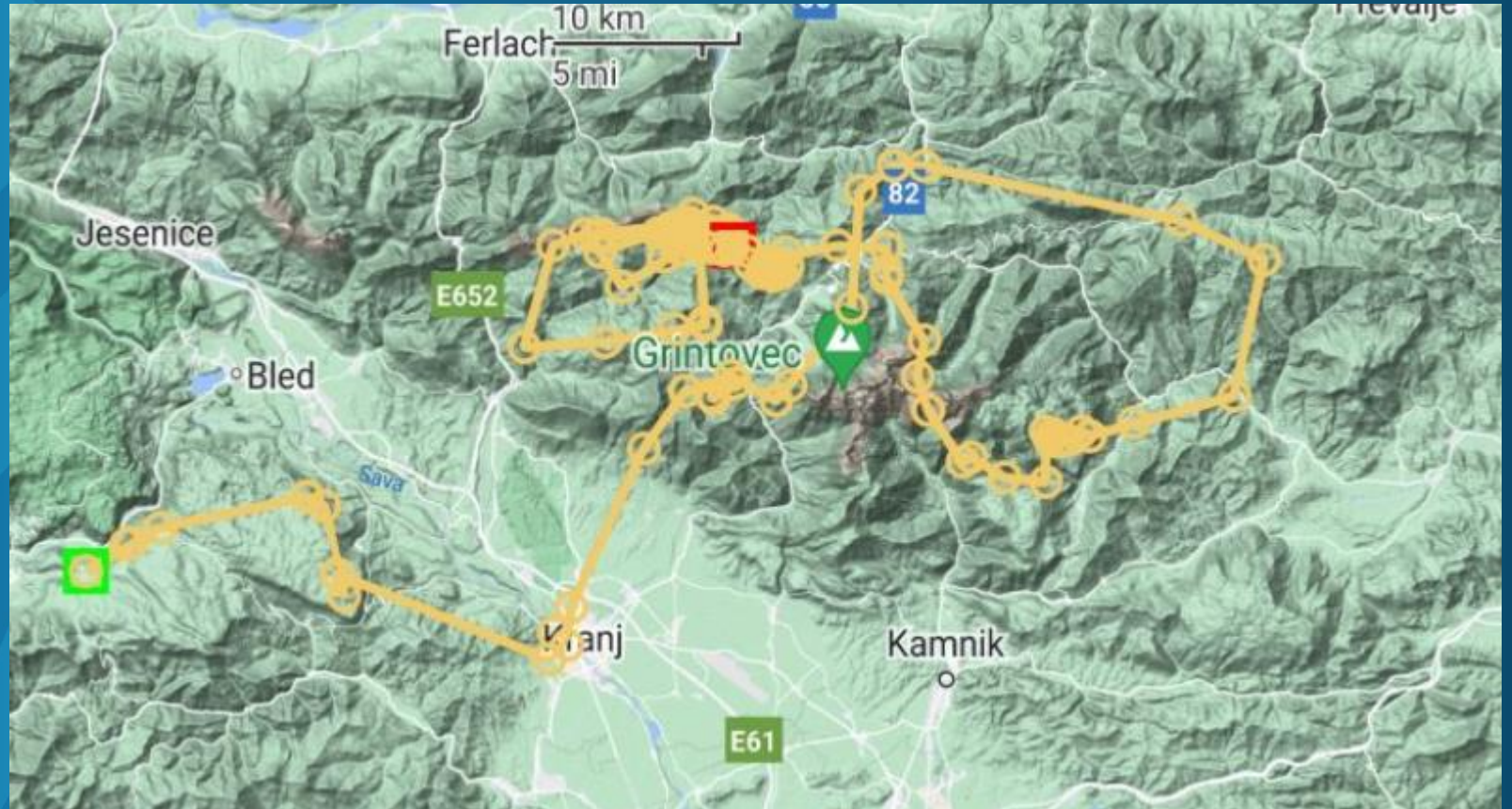
Data about their movement and space use collected via:

1. GPS telemetry collars
2. Camera traps



CURRENT SITUATION 2

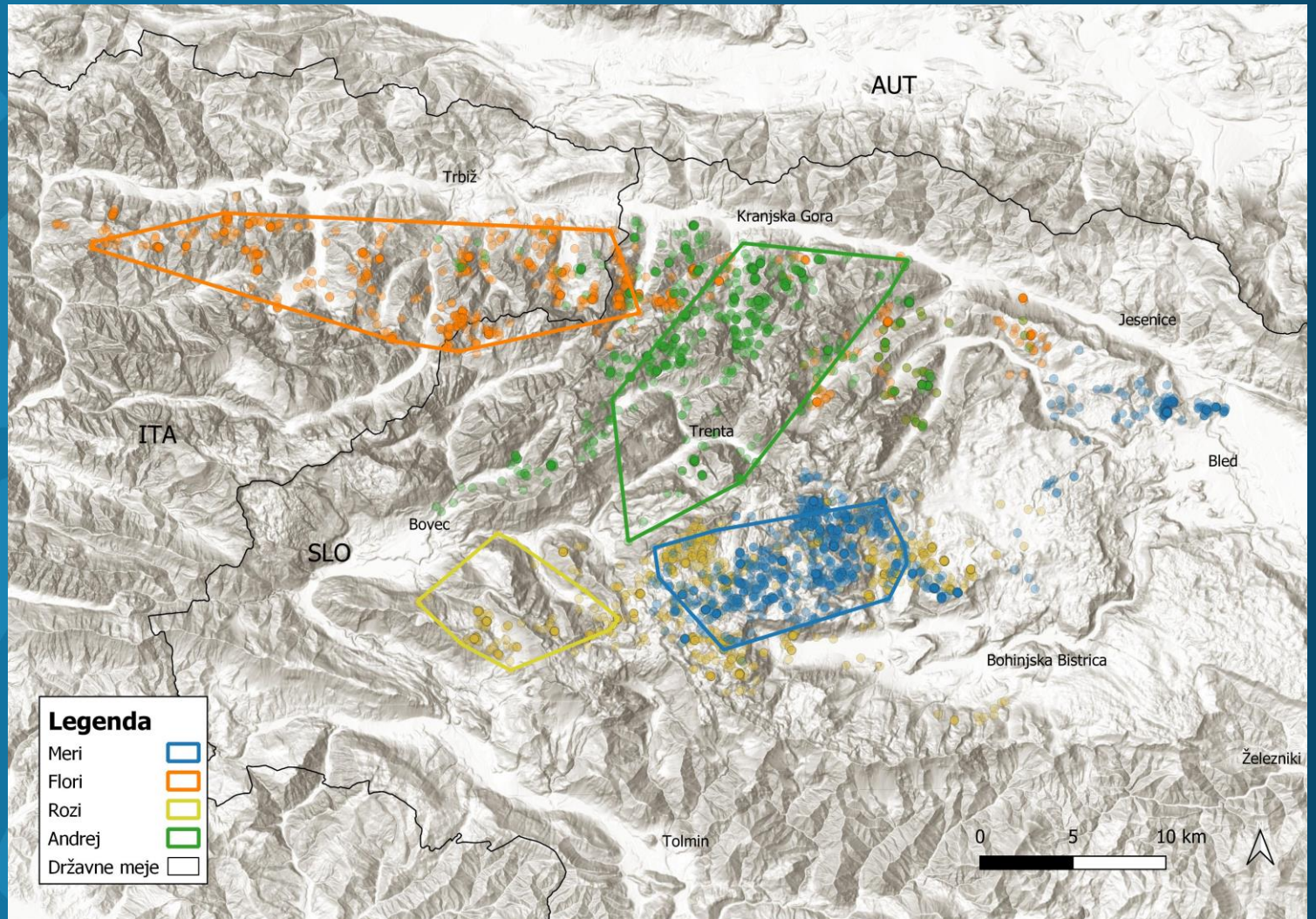
- ✓ lost lynx Zois was replaced with Lukaš
- ✓ presence of two unknown uncollared adult lynxes
- ✓ 5 additional lynx were released in Italy near the Slovenian border enhancing the establishment of lynx population in SE Alps



CURRENT SITUATION 3

- ✓ Since release in 2021
6 confirmed litters.
- ✓ 4 animals from that
litters have GPS
collars.

New project ob lynx:
ExtremePredator -
Revealing ecological
roles of apex predators in
extreme environments



Thanks for your attention.

Ranger effort in monitoring
wildlife is essential part of
nature conservation.
Keep up the good work.



January 2024

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