



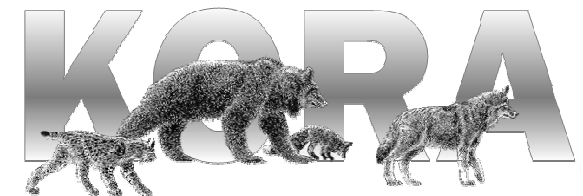
**Species conservation and wildlife management:
A conceptual and spatial model to save the
Balkan lynx**

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Species conservation and wildlife management: A conceptual and spatial model to save the Balkan lynx

Capacity Building Workshop
Valbona AL, 25–29 June 2013

1. What do we need? – Requirements for long-term conservation of Balkan lynx
2. How do we get it? – Spatially explicit model for recovery of Balkan lynx
3. Win-win: Common interests of wildlife managers, hunters, and conservationists



1. What do we need?

2. How do we get it?

3. Win-win situation

1. What do we need? – Requirements for the long-term conservation of the Balkan lynx



Munella Mts. ALB, 22.10.2012



1. What do we need?

2. How do we get it?

3. Win-win situation

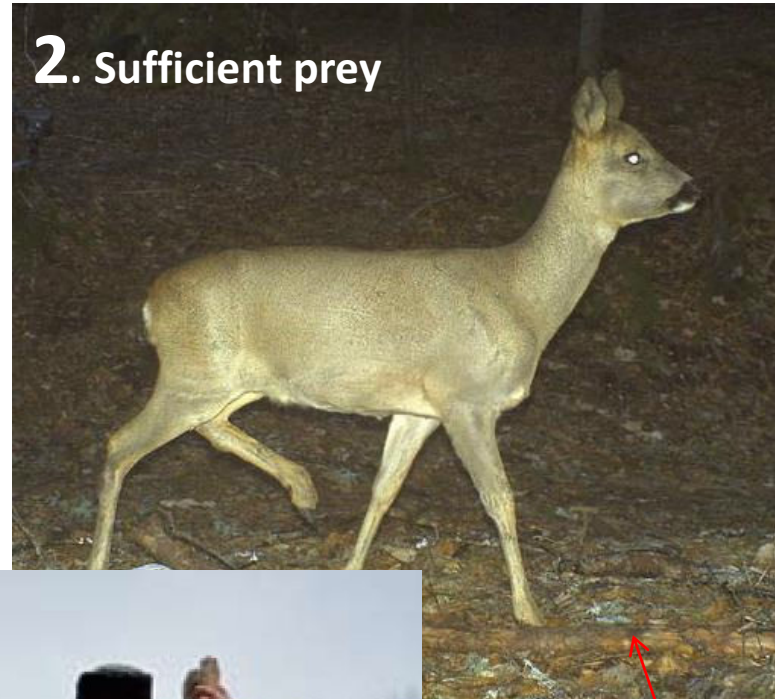
What does a lynx need?

1. Extended good habitat



Habitat protection and landscape management

2. Sufficient prey



Sustainable wildlife management and law enforcement



3. Protection from poaching

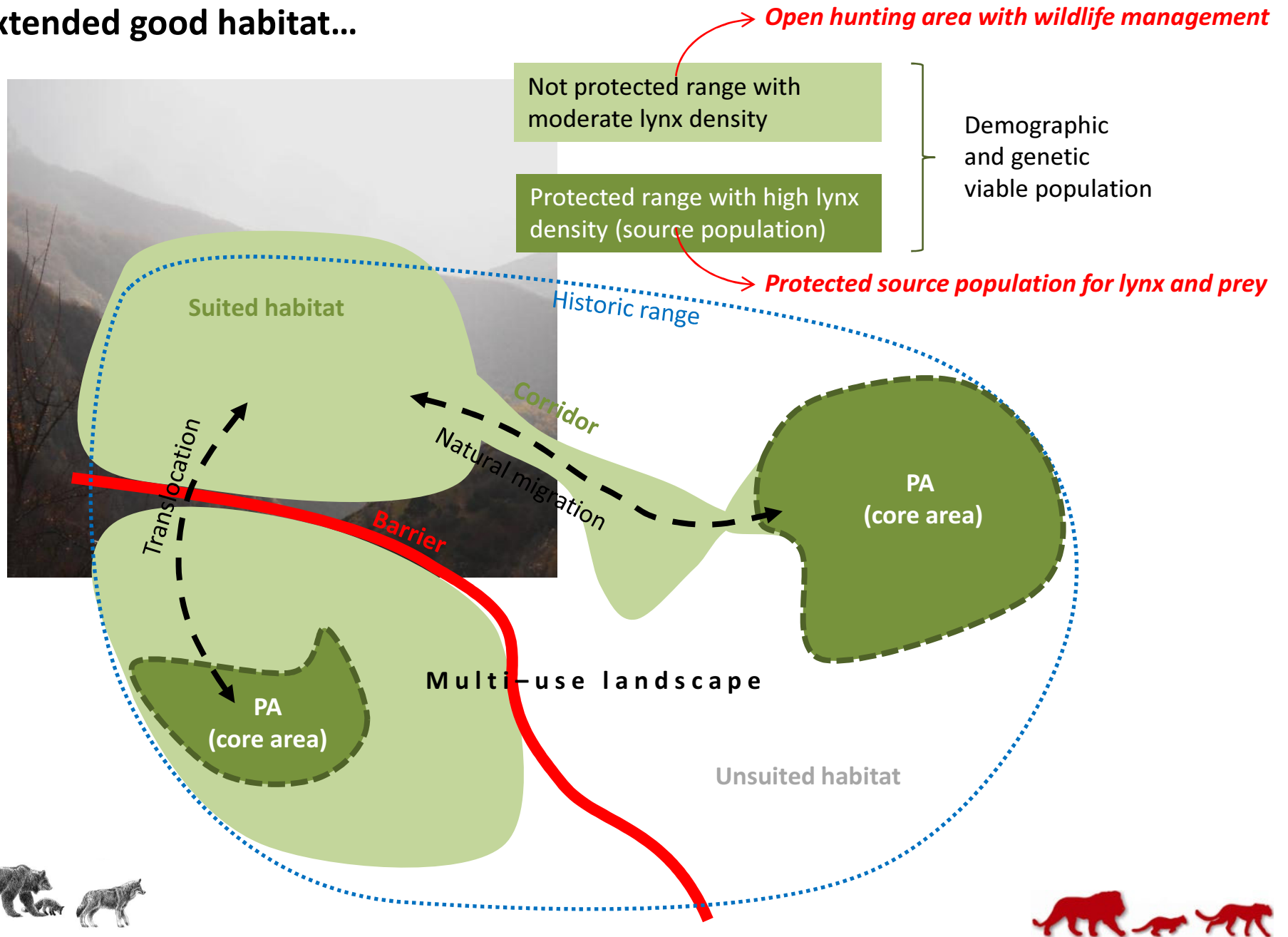


1. What do we need?

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Extended good habitat...



2. How do we get it? – A spatially explicit model for the recovery of the Balkan lynx



Mavrovo NP, MKD, 28.09.2012

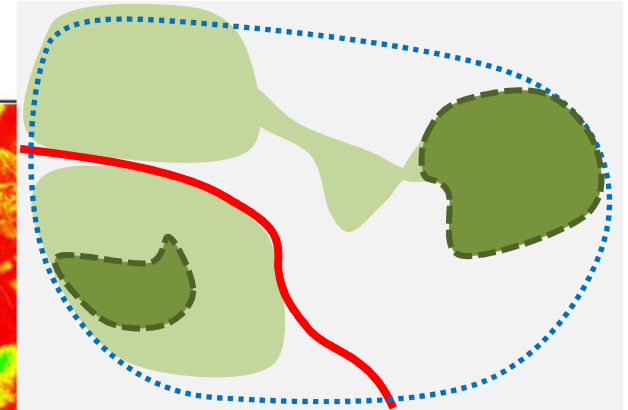
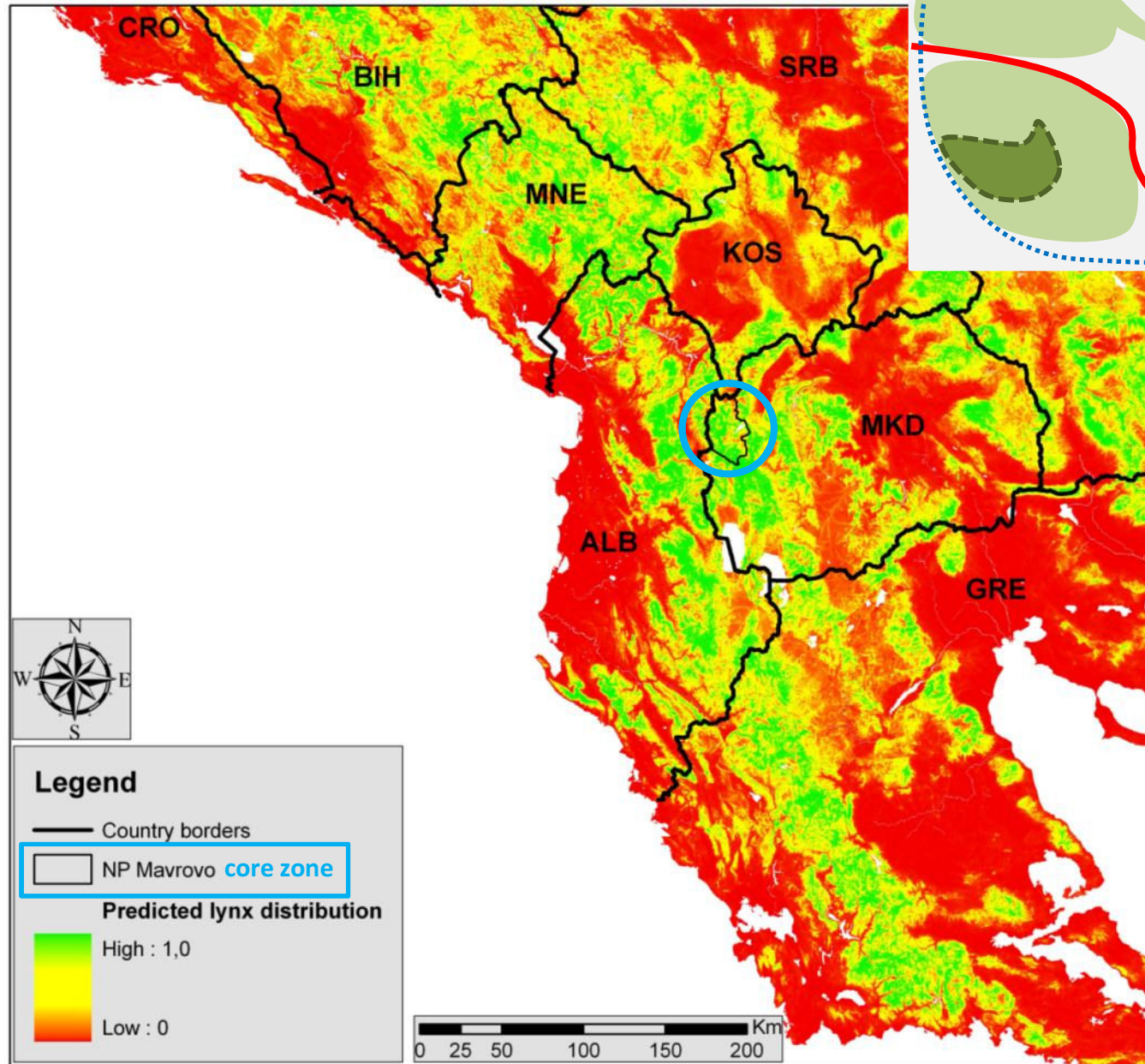


1. What do we need?

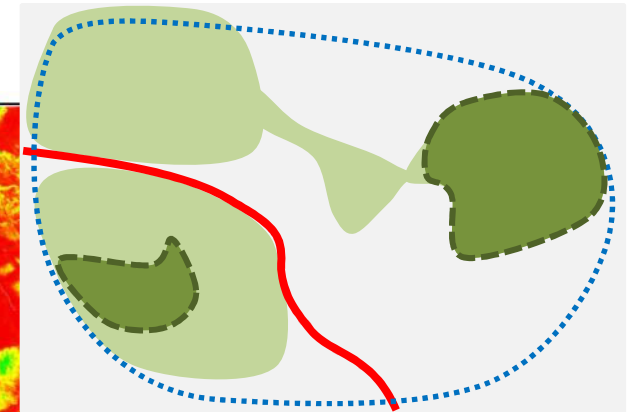
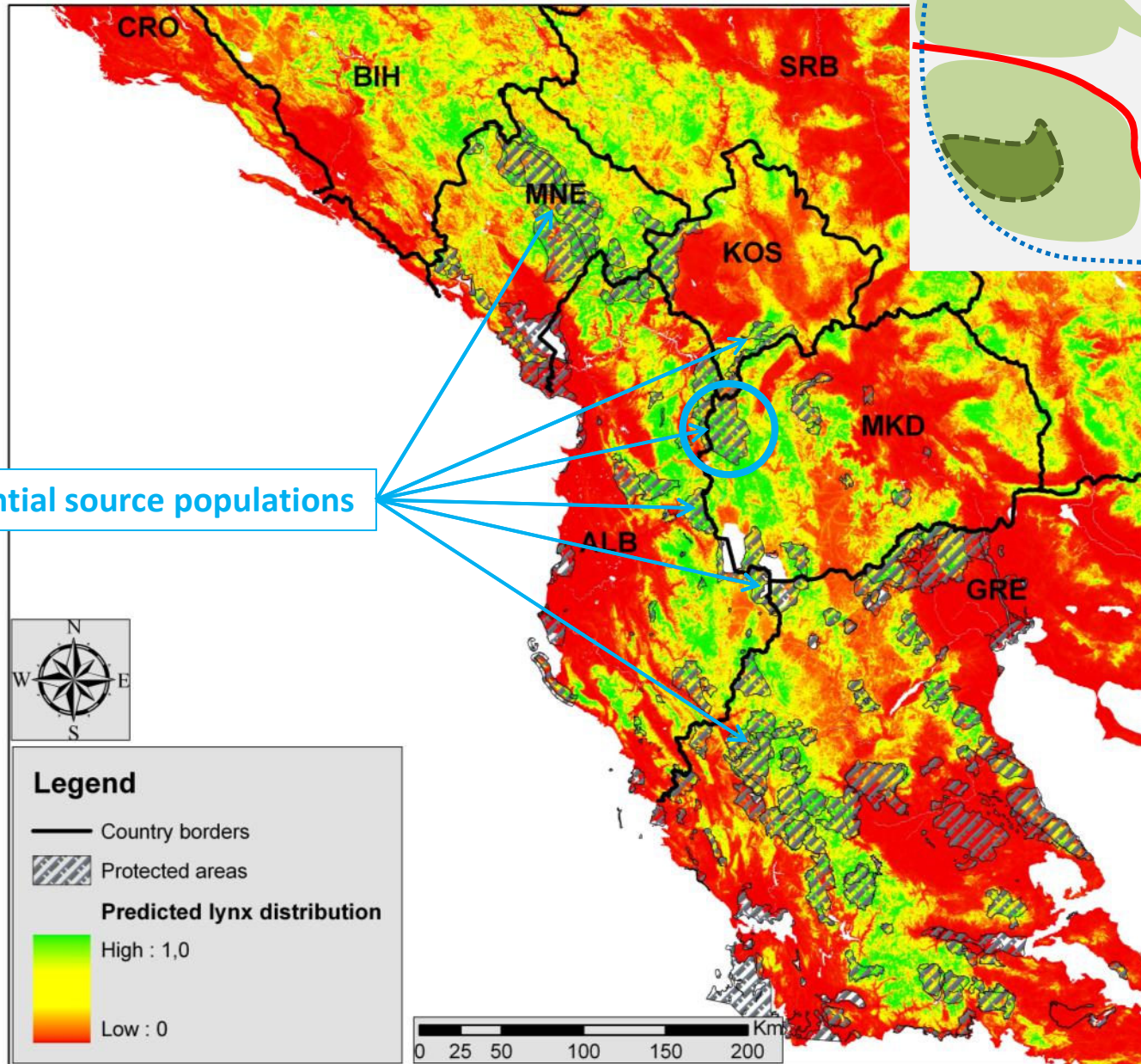
2. How do we get it?

3. Win-win situation

A habitat model for the Balkan lynx



A habitat model for the Balkan lynx

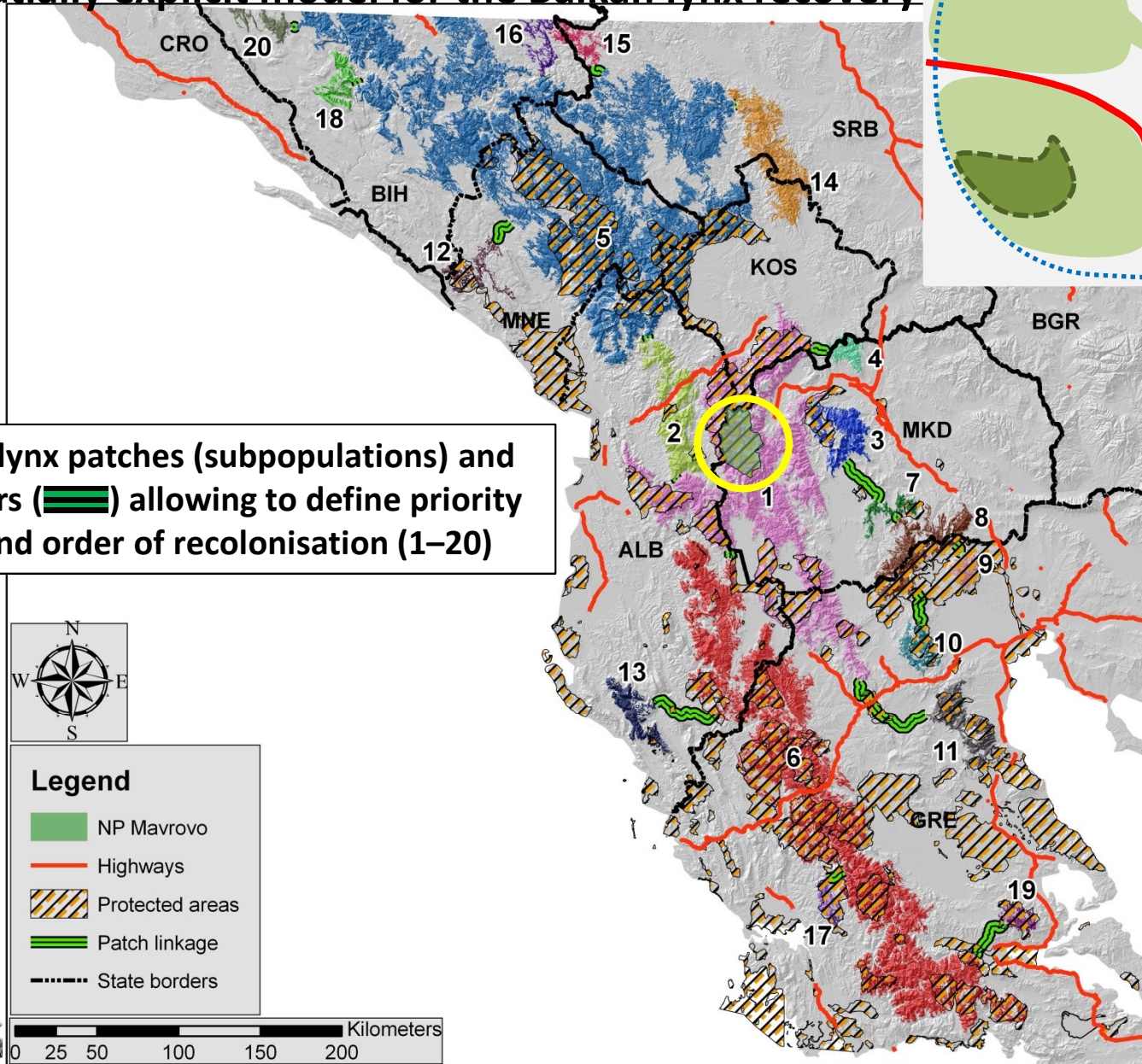


1. What do we need?

2. How do we get it?

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A spatially explicit model for the Balkan lynx recovery

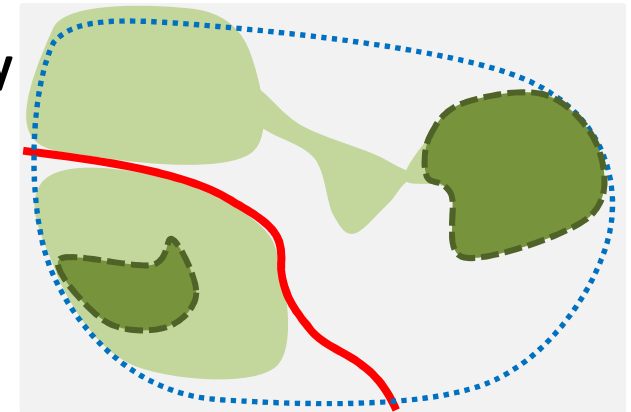


1. What do we need?

2. How do we get it?

3. Win-win situation

A spatially explicit model for the Balkan lynx recovery



Recovery steps:

1. Stop decline and stabilise population in core area (→ “Mavrovo plus”)
2. Enlarge population to adjacent suitable regions and PAs (→ 1st recovery phase)
3. Expand population to other suitable regions and PAs (→ 2nd recovery phase)
4. Translocate lynx to not connected suitable regions and PAs (→ 3rd recovery phase)

IUCN Category:

CR – critically endangered

EN – endangered

VU – vulnerable

NT – near threatened

Number of mature lynx:

>50

>250

>1000

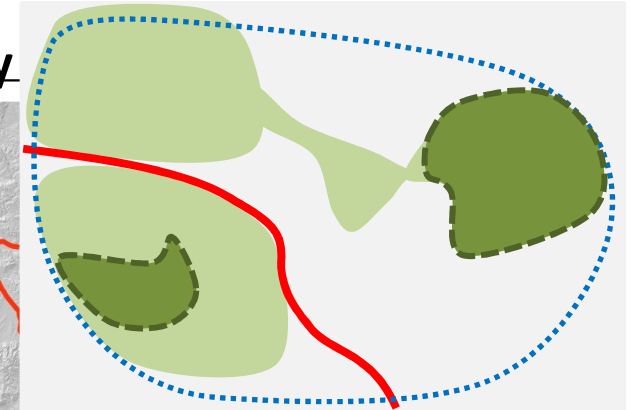
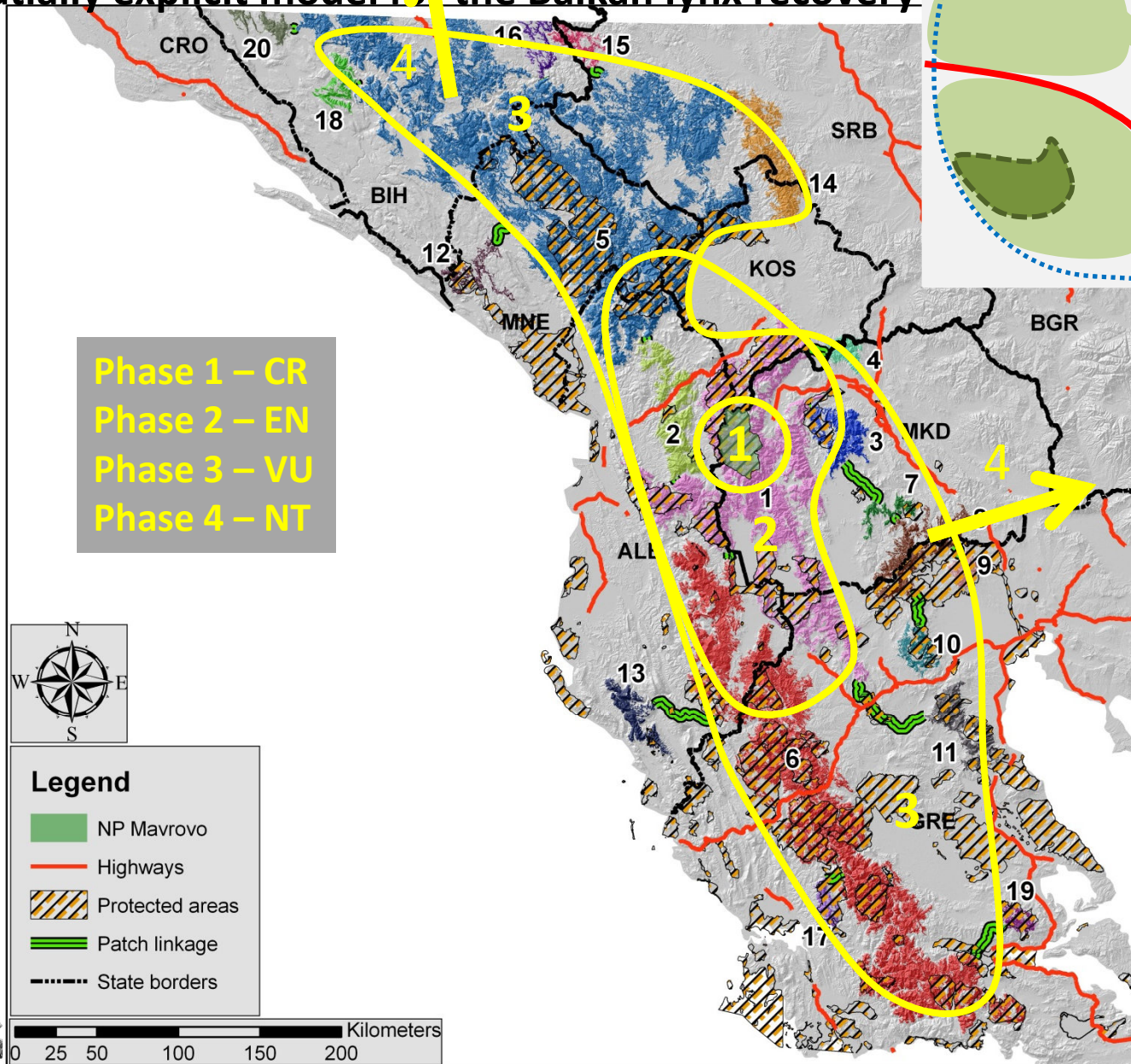


1. What do we need?

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A spatially explicit model for the Balkan lynx recovery

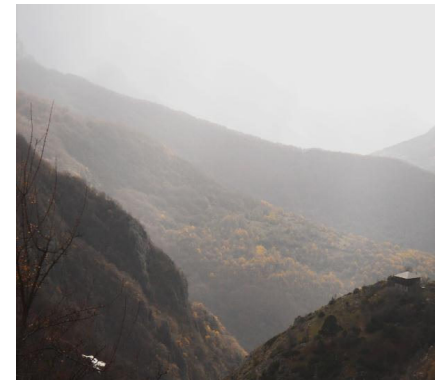


3. Win-win situation: Common interests of wildlife managers, hunters and conservationists



Where do we have common interests?

1. **Healthy and abundant ungulate populations (e.g. roe deer)**
 - **Prey base for Balkan lynx**
 - **Base for long-term harvest (hunting)**
2. **Conservation of habitats and habitat connectivity**
 - **Precondition for healthy, demographic and...**
 - **...genetic viable wildlife populations**
3. **Sustainable management of wildlife populations**
 - **Essential for securing ecological resources for Balkan lynx**
 - **Essential for avoiding over-exploitation and securing long-term hunting harvest**



Where do we have possibilities for cooperation?



1. Wildlife monitoring

→ Monitoring of wildlife (e.g. lynx, roe deer) as a precondition for sustainable wildlife management and harvest planning

2. Law enforcement

→ Suppressing of poaching (lynx, prey) to foster wildlife recovery

3. Capacity building and education

→ Educated and trained wildlife managers and hunters for monitoring, planning and sustainable management of wildlife populations



What are possible concrete steps for cooperation?

1. Mutual information:

- Regular exchange of information between BLRP, hunting associations, and wildlife authorities (e.g. ministry, park administrations)
- Establishment of a joint monitoring and a shared database (e.g. BLRP Lynx Monitoring Network)

2. Education and training in...

- Wildlife monitoring
- Wildlife management and harvest planning
- Law enforcement and anti-poaching measures

→ *Establishment of a contact group as a first action!*



1. What do we need?

2. How do we get it?

3. Win-win situation



Thank you for your attention!