

TAKING  
**COOPERATION**  
FORWARD



Forum Carpathicum  
Eger | 15 October 2018



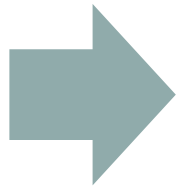
**Introduction to 3Lynx project:  
Monitoring of the BBA lynx population**



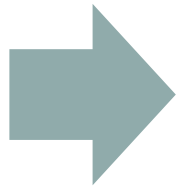
Tereza Mináriková, Sybille Woelfl, Thomas Engleder, Martin Strnad | 3 Lynx Project

# WHY LYNX MONITORING?

Monitoring data are the base for decisions on the preservation and management of the species



Good management needs good data

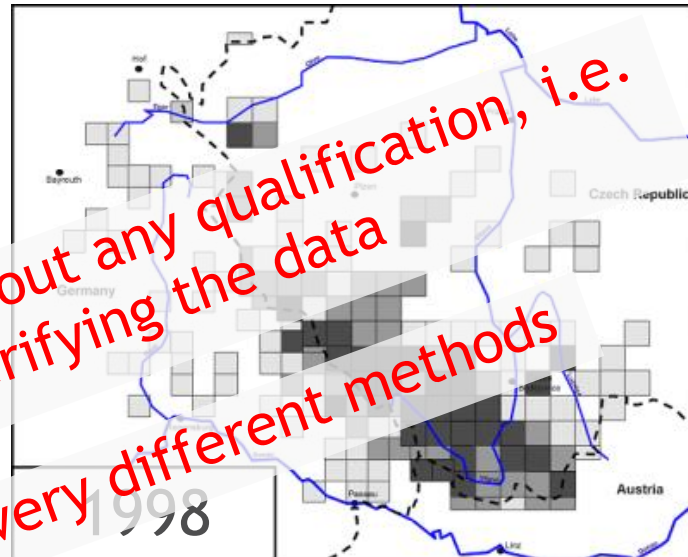
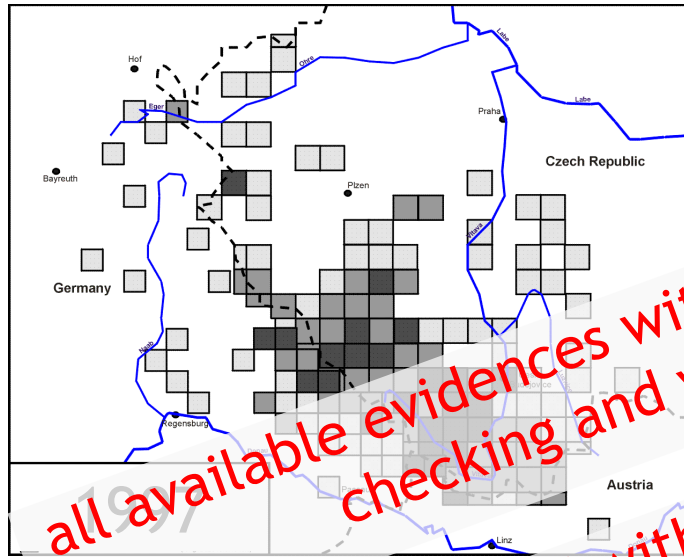


Improvement of data quality:  
precise, reliable, verified data

Goal: Transnational Lynx Conservation Strategy on population level

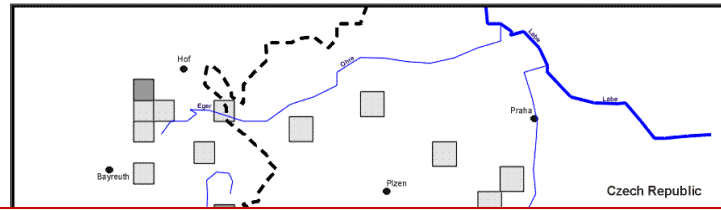
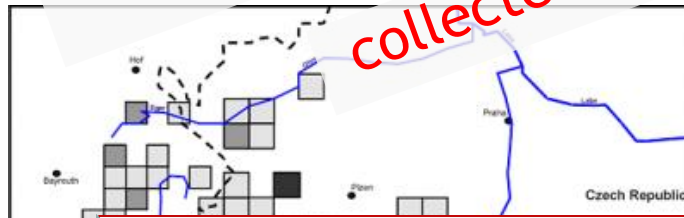


# FIRST TRANSBOUNDARY DISTRIBUTION MAPS

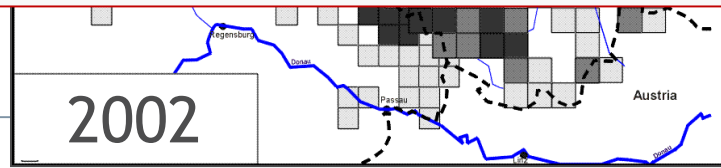
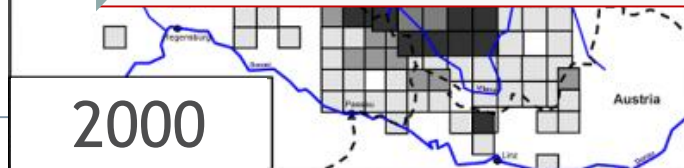


*all available evidences without any qualification, i.e. checking and verifying the data collected with very different methods*

- Irregular
- Regular
- Reproduction

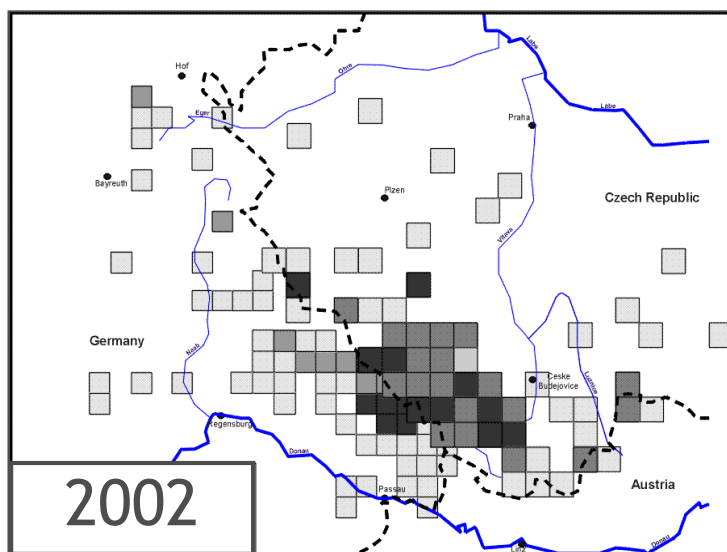


Necessity for an international standard to establish comparability of data on population-level



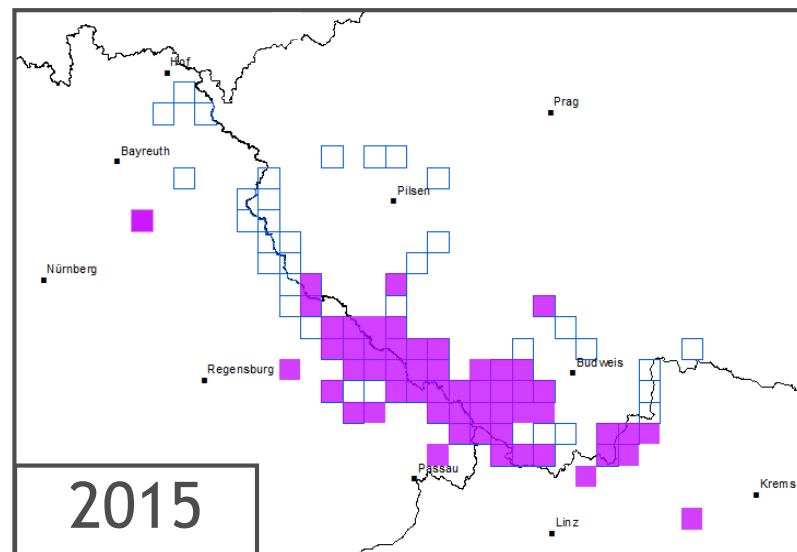
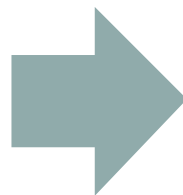
# INTERNATIONAL MONITORING STANDARD

International monitoring standard on population-level was developed during Trans Lynx project (2013-2015)



All available evidences without qualifying

➡ overestimates distribution



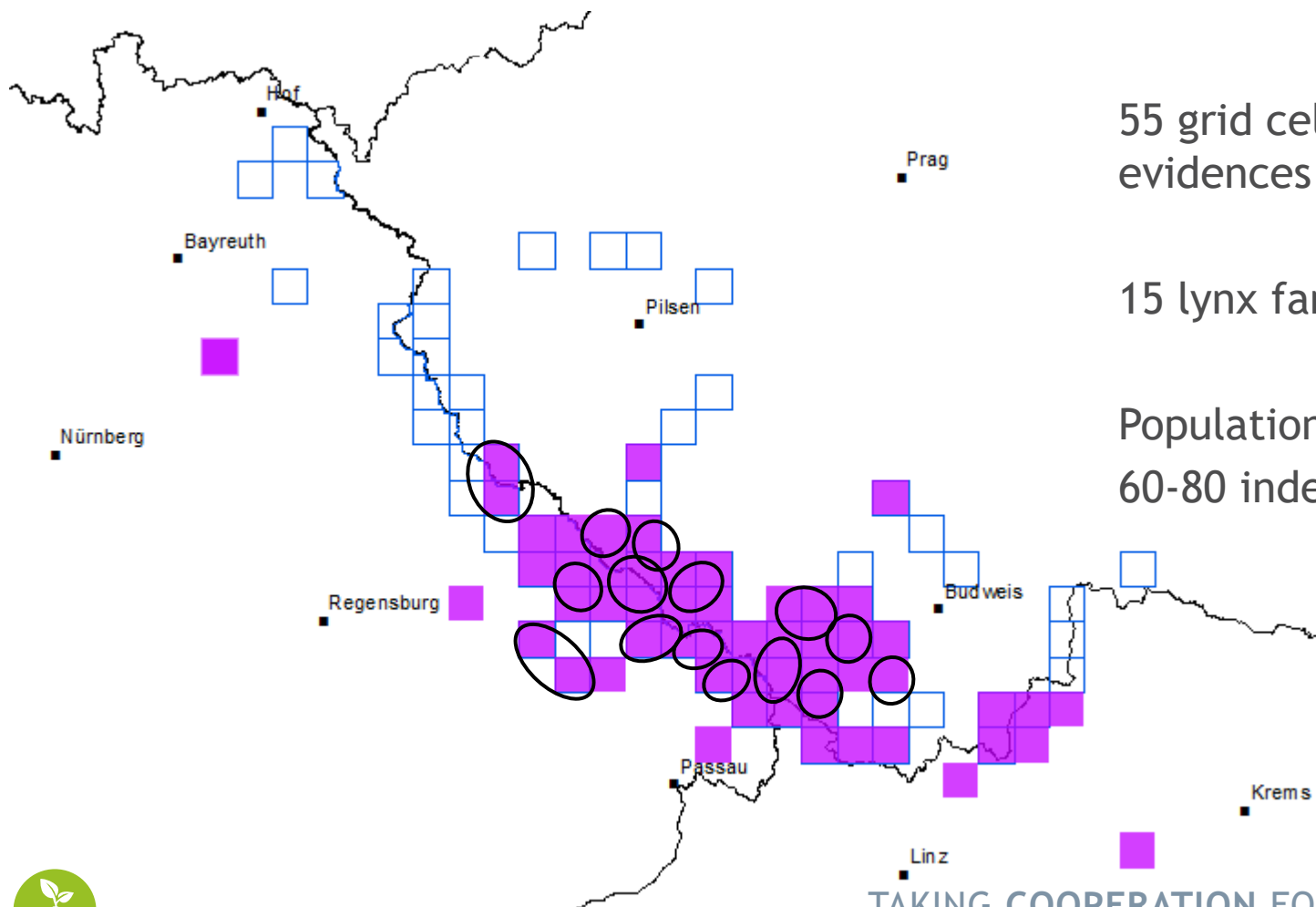
Common method with verified and confirmed data

➡ realistic distribution



# FURTHER DEVELOPMENT OF MONITORING

## Results of lynx year 2014 (1.5.2014-30.4.2015)



55 grid cells with lynx evidences (C1)

15 lynx families

Population size:  
60-80 independent lynx

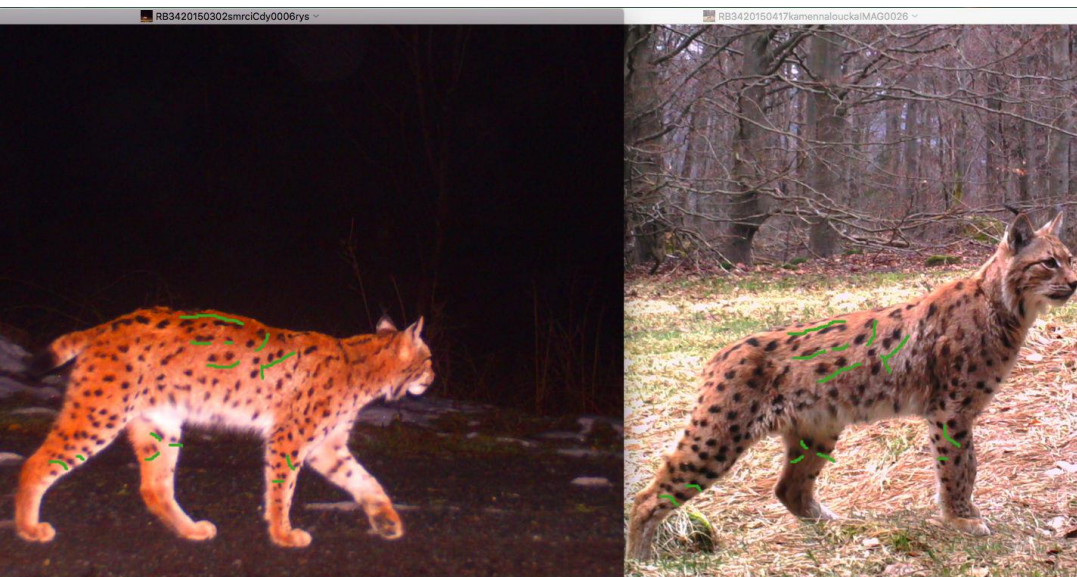


# 3 LYNX MONITORING

## Timetable

Preparation (1.7.2017- 31.12.2017)

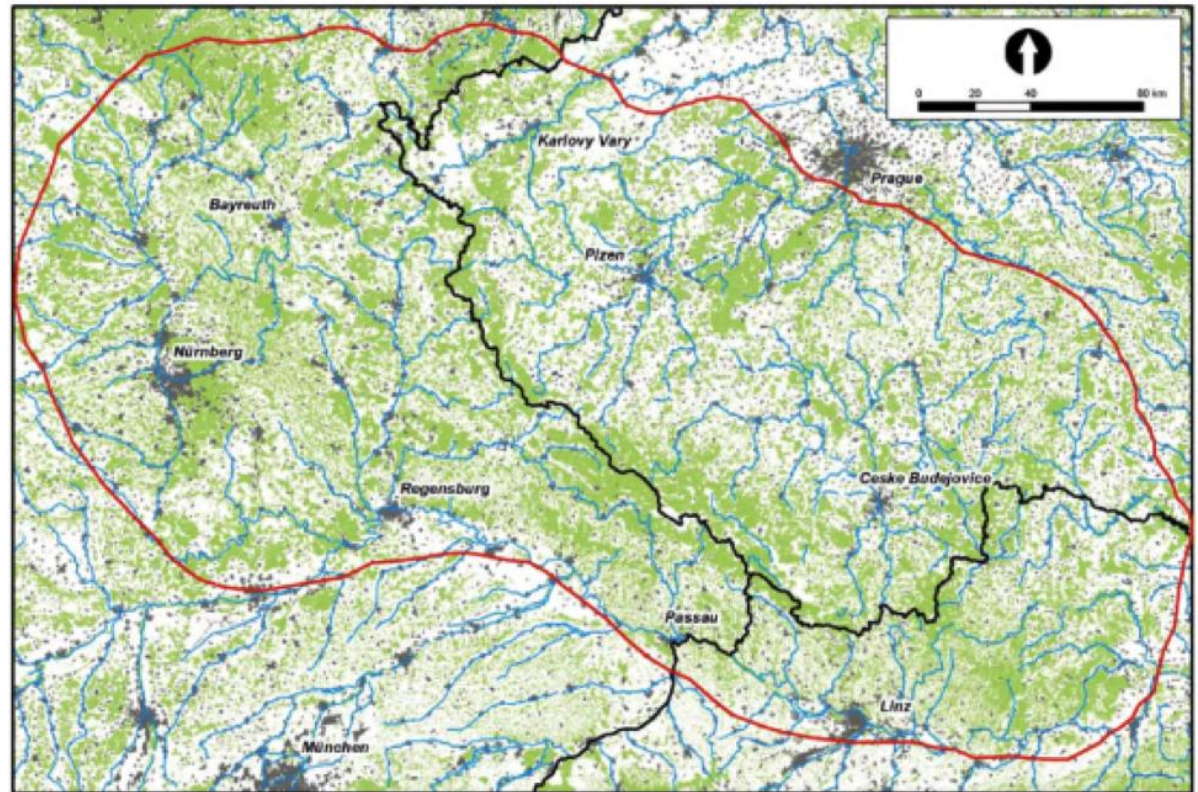
Implementation (1.1.2018 - 30.6.2020)



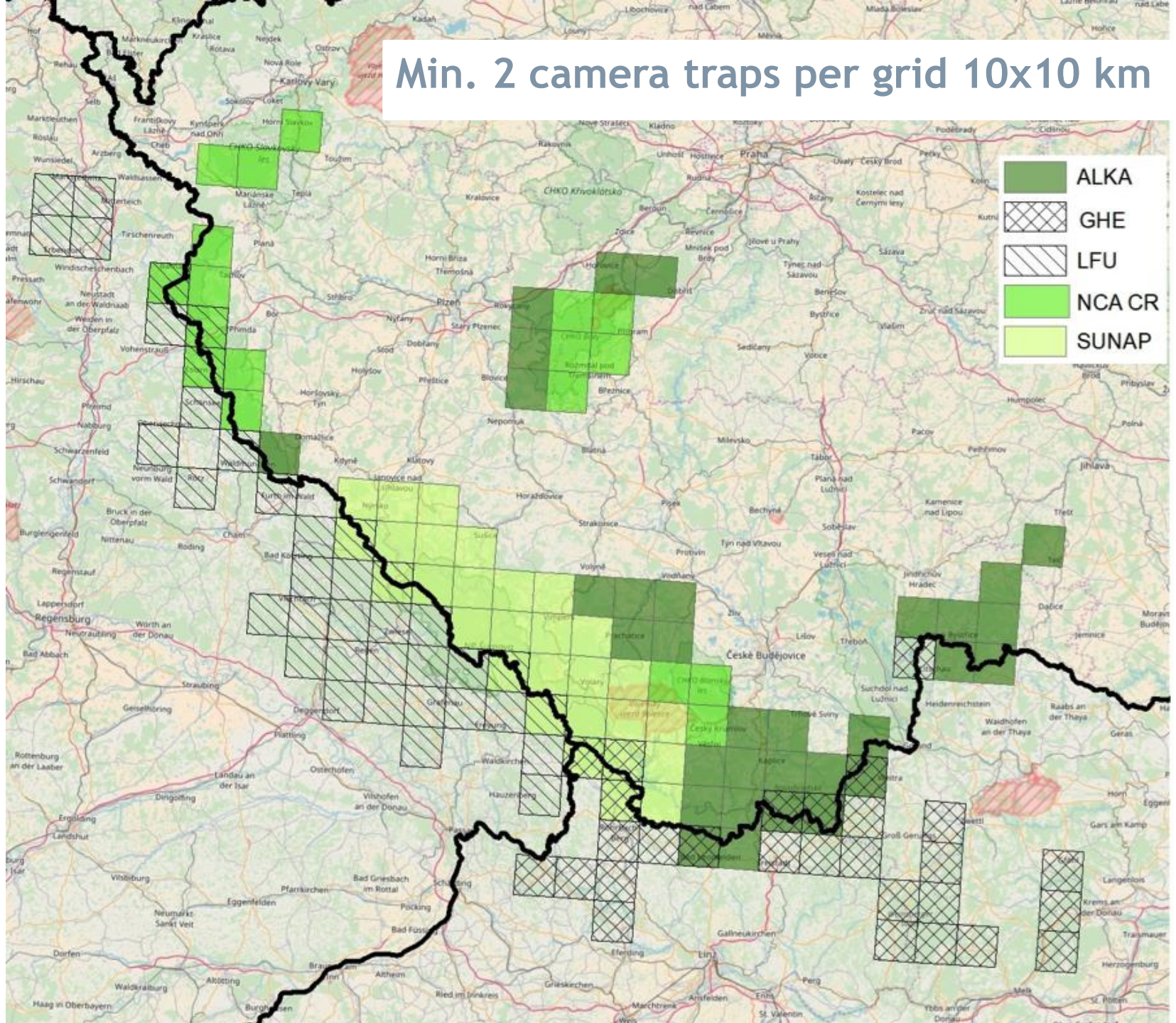
# 3 LYNX MONITORING

## Monitored area

- Whole BBA population area
- Key lynx habitats will be monitored



Min. 2 camera traps per grid 10x10 km





# 3 LYNX MONITORING

## Methods

- Camera trapping
- Snow tracking
- Genetic monitoring
- Collection of dead animals
- Citizen science

## Data analysis

- Lynx year (May to April)
- SCALP data classification



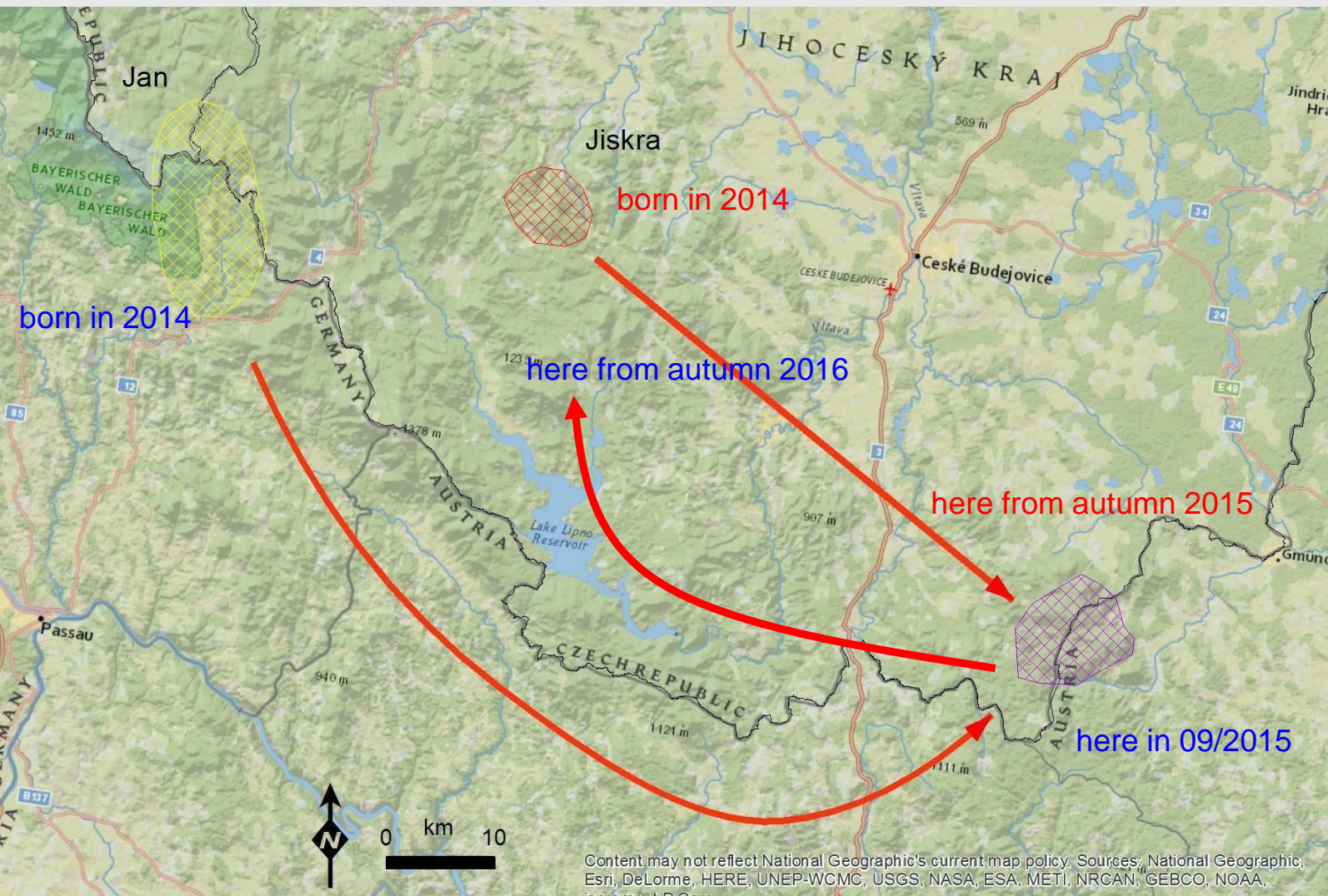
# BILATERAL LYNX MALE LUDĚK



crossed at least  
2 times the Danube



# JAN & JISKRA - THEIR WAY TO NOVOHRADSKÉ HORY/FREIWALD & REPRODUCTION



THANK YOU FOR YOUR ATTENTION





Martin Strnad  
Nature Conservation Agency of the CZ  
3 Lynx Project



[www.interreg-central.eu/3lynx](http://www.interreg-central.eu/3lynx)



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