

# **ATCZ251 FORRISK Cross-border forest risk management**

## **KICK-OFF MEETING**

**The Šumava National Park Administration**  
Associated partner

Date: April 8-9, 2021



# The Šumava National Park

- The largest national park in the Czech Republic
  - Established in 1991
    - Mountain spruce forests, glacial lakes, mixed mountain forests, peat bogs
      - *Tetrao urogalus*, *Lynx lynx*, *Canis lupus*



# Favorite Lynx Habitat (Natural Zone, Spáleniště 2020)





# Forests in National Parks...

...are special purpose forests not commercial forests

Forest owners have to maintain and to encourage:

- natural ecological functions of forests
  - forest biodiversity

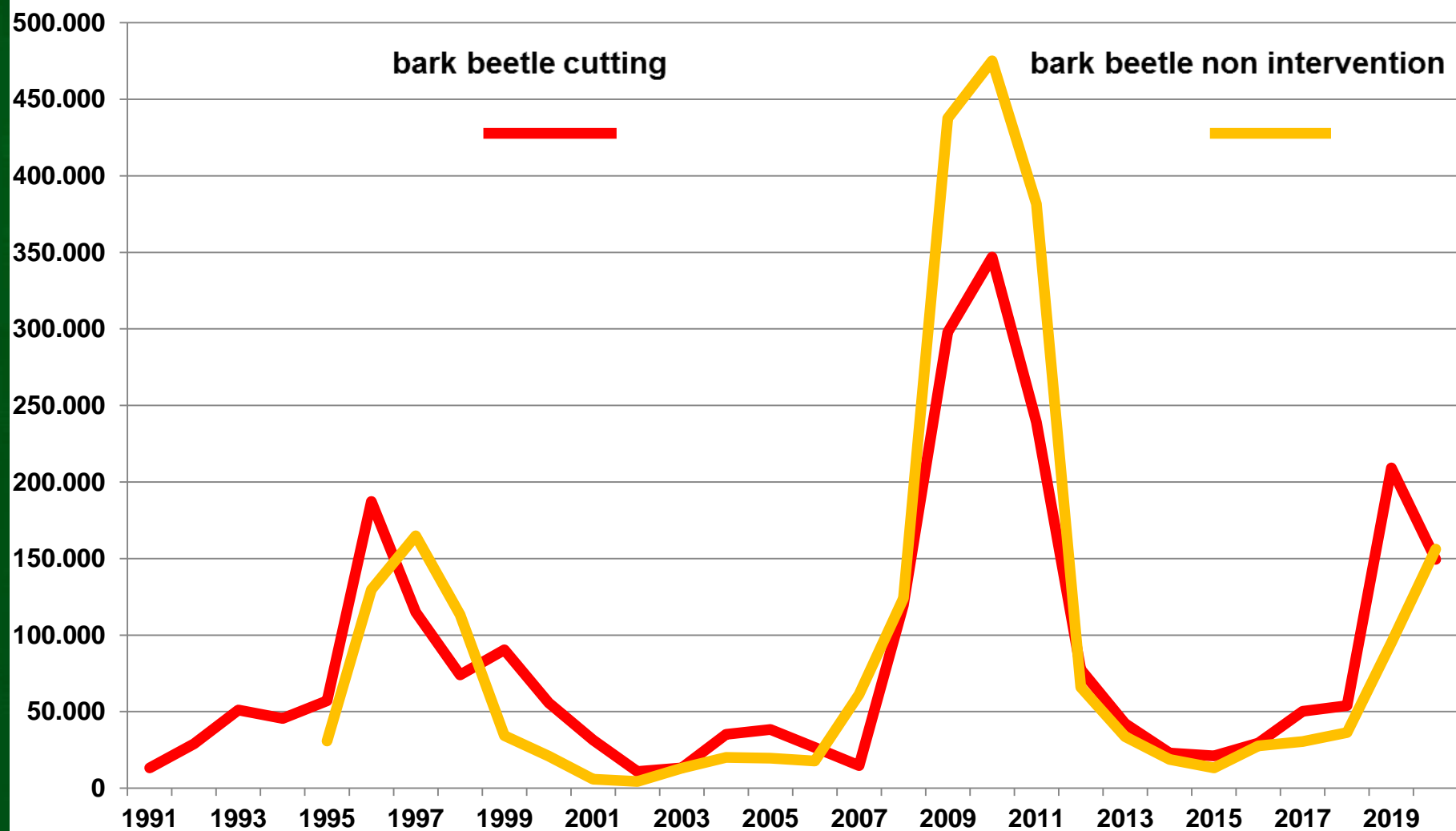
# Longterm Goals of National Parks in the CZE

- Compact parts left to spontaneous development on the predominant area of the NP (natural processes)
- Improving of the state of the ecosystems influenced by human (biodiversity)

# Forest Ekosystems in the Šumava National Park

- 55 000 ha of forest (80 %)
  - 49 000 ha of state forest
  - 2 % of all forests in the Czech Republic
  - *Experience with disturbances*

## Bark beetle disturbances in Šumava NP 1991-2020 (m<sup>3</sup>)

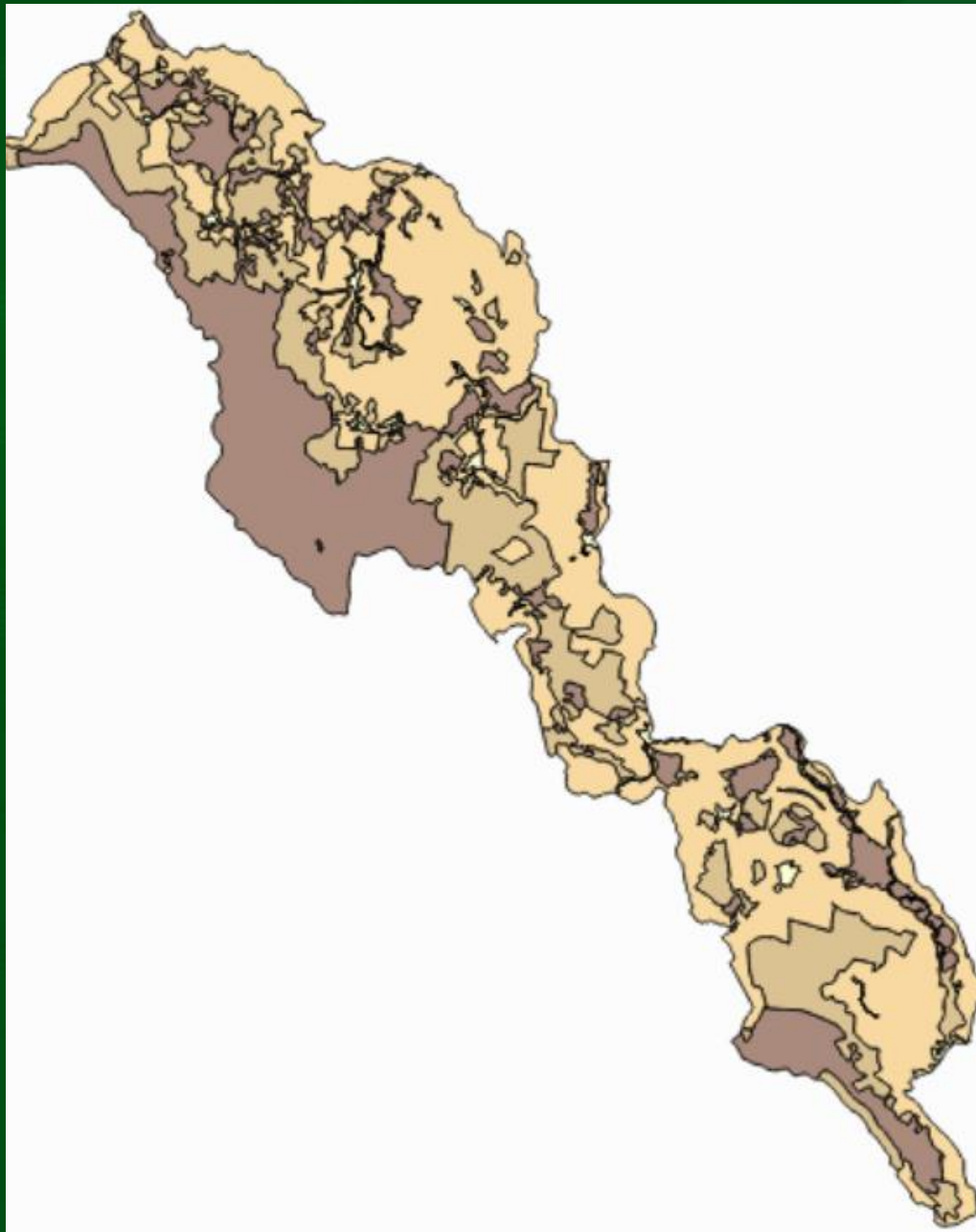


# Forest Ekosystems in the Šumava National Park

- One of the largest forest area in the Central Europe
  - Large nonintervention area (over 16 000 ha)
    - Many natural forest ecosystems
      - Transformation of secondary spruce monocultures



# Zonation of the Šumava NP



## 4 Zones

**Natural**  
18 977 ha (27,7 %)

**Close to Natural**  
16 838 ha (24,6 %)

**Intensive Management**  
31 836 ha (46,5 %)

**Cultivated Landscape**  
683 ha (1,2 %)



# Natural Zone (Mokrůvka 2020)





## Close to Nature Zone (Prášily 2020)





# Intensive Management Zone (Smrčina 2020)





Cooperation with Austrian colleagues:  
Regular meeting on the border of the NPŠ (*Schlägl Monastery*)





# Cooperation with Austrian colleagues: Training and exchange of experience (NP Kalkalpen)





# Cooperation with Austrian colleagues: Training and exchange of experience (*Czernin-Kinsky, Rosenhof*)



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