

ATCZ251 FORRISK Cross-border forest risk management

The occurrence of damaging factors and climate conditions in South Bohemian, South Moravian and Vysočina Regions 2000–2020

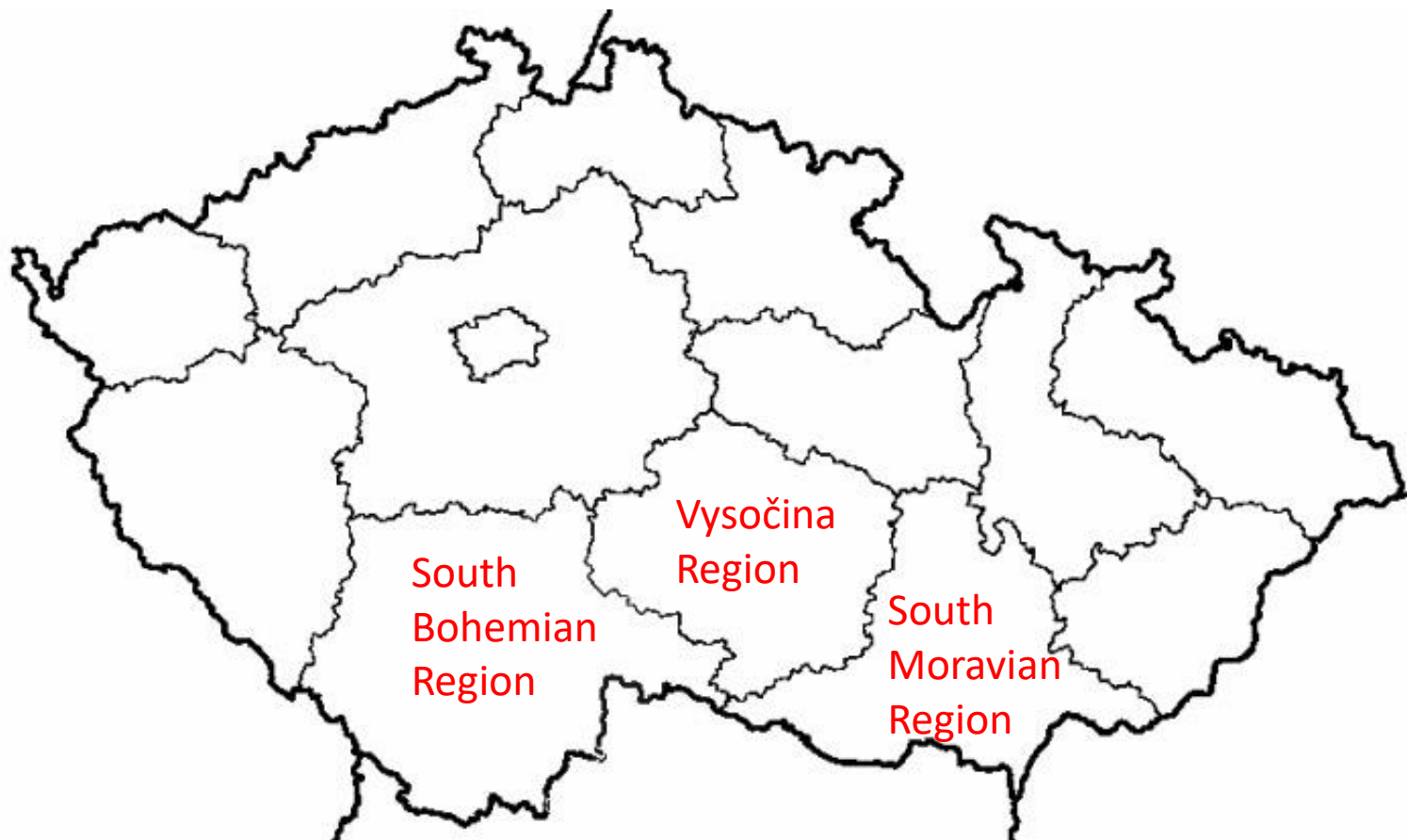
Petr Čermák, Petr Martinek, Tomáš Žid

KICK-OFF MEETING

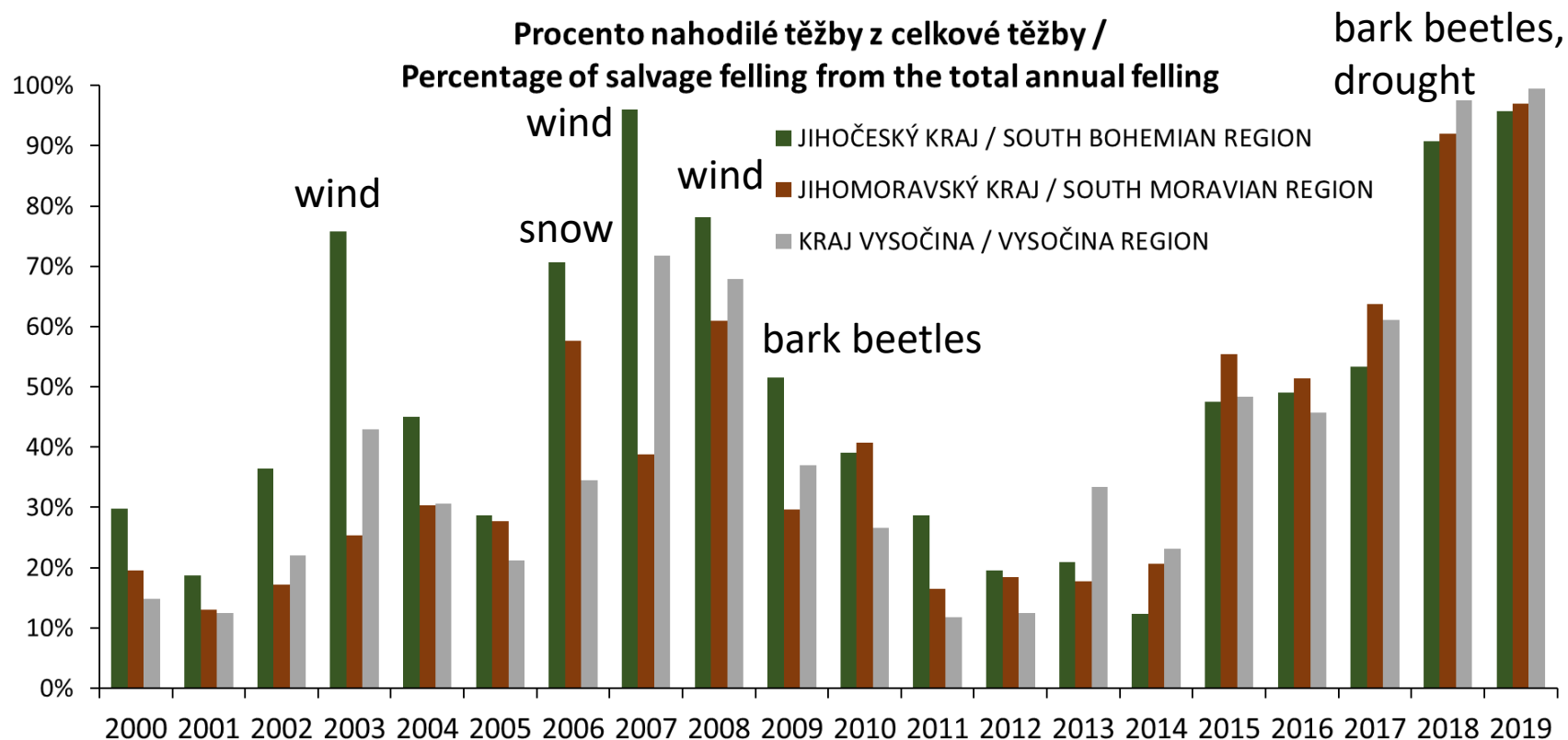
Mendel University in Brno

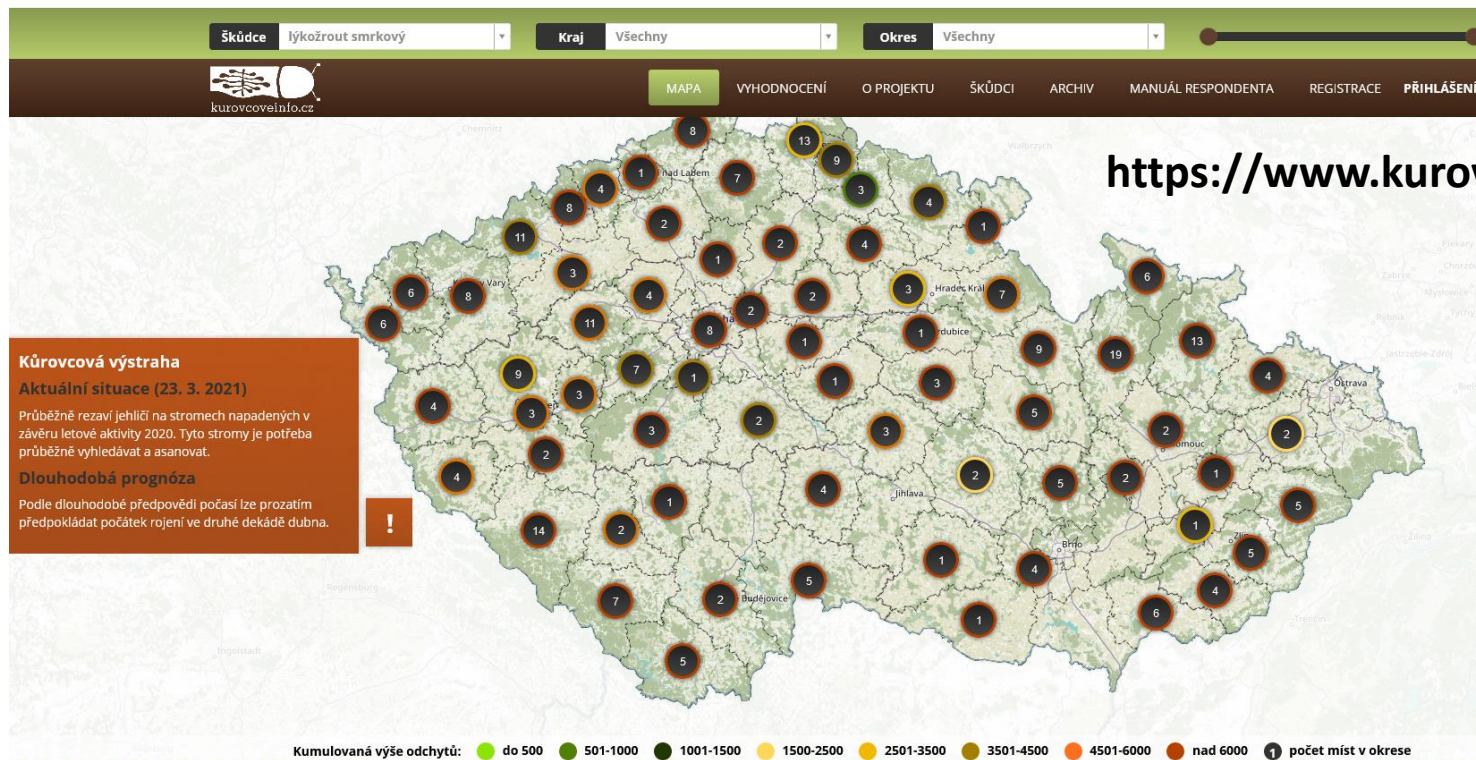
Date: April 8-9, 2021





Data Source: ČSÚ – vdb.czso.cz





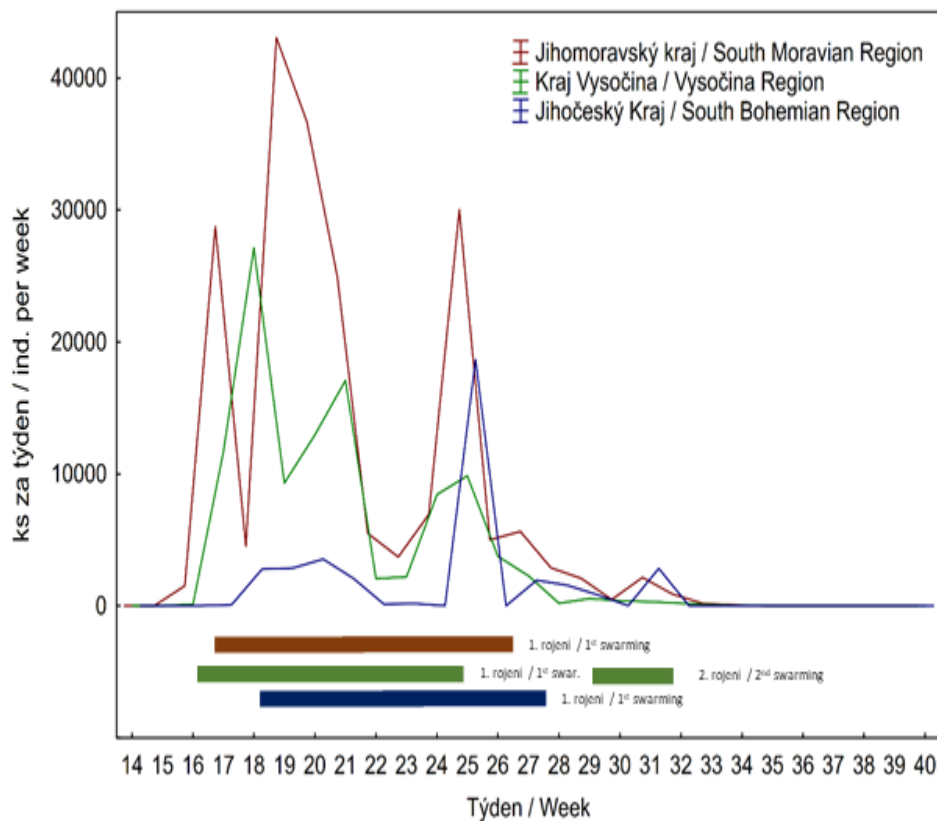
<https://www.kurovcoveinfo.cz/>

KŮROVCOVÉ INFO is focused on monitoring and sharing information about the course of swarming of some bark beetle species (*Ips typographus*, *Ips duplicatus*, *Pityogenes chalcographus* and cockroaches (*Melolontha melolontha*, *Melolontha hippocastanum*) at various altitudes and localities of the Czech Republic. The project founded by Lesnická práce s.r.o. and Forest Protection Service – Forestry and Game Management Research Institute (FGMRI)



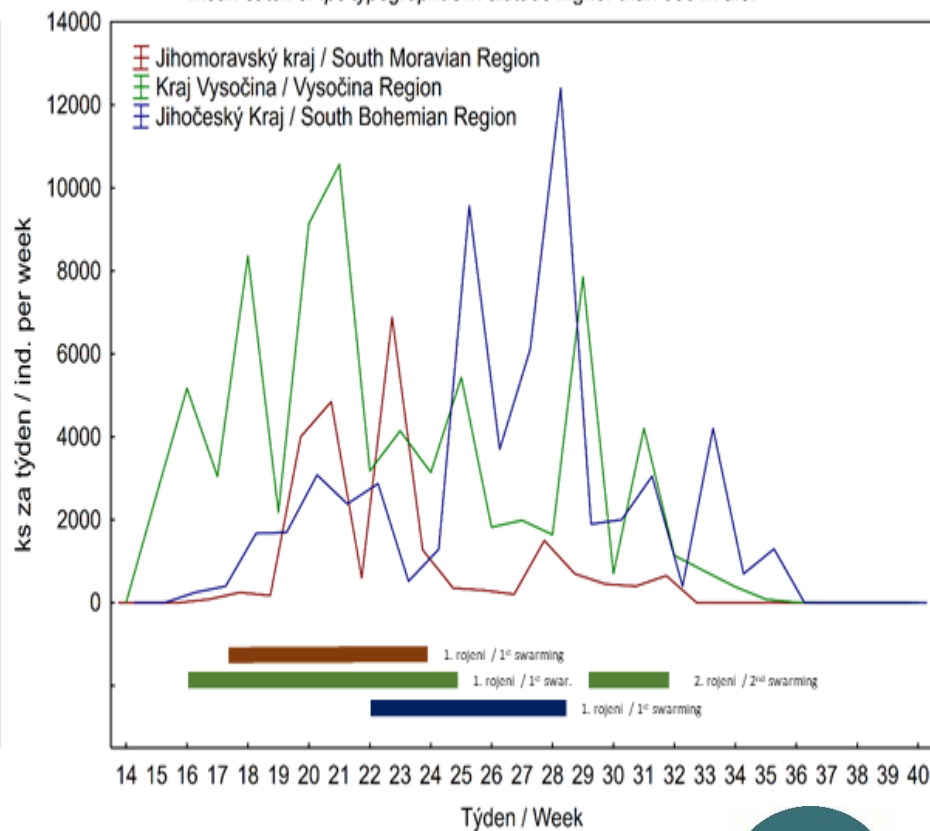
2020

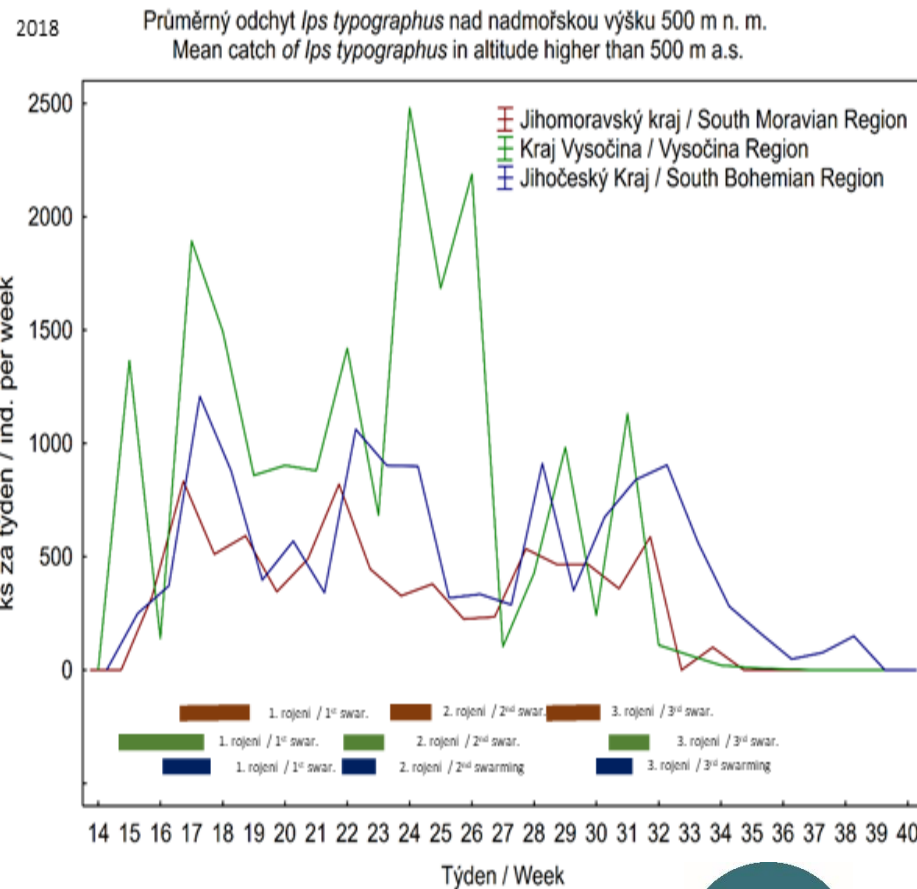
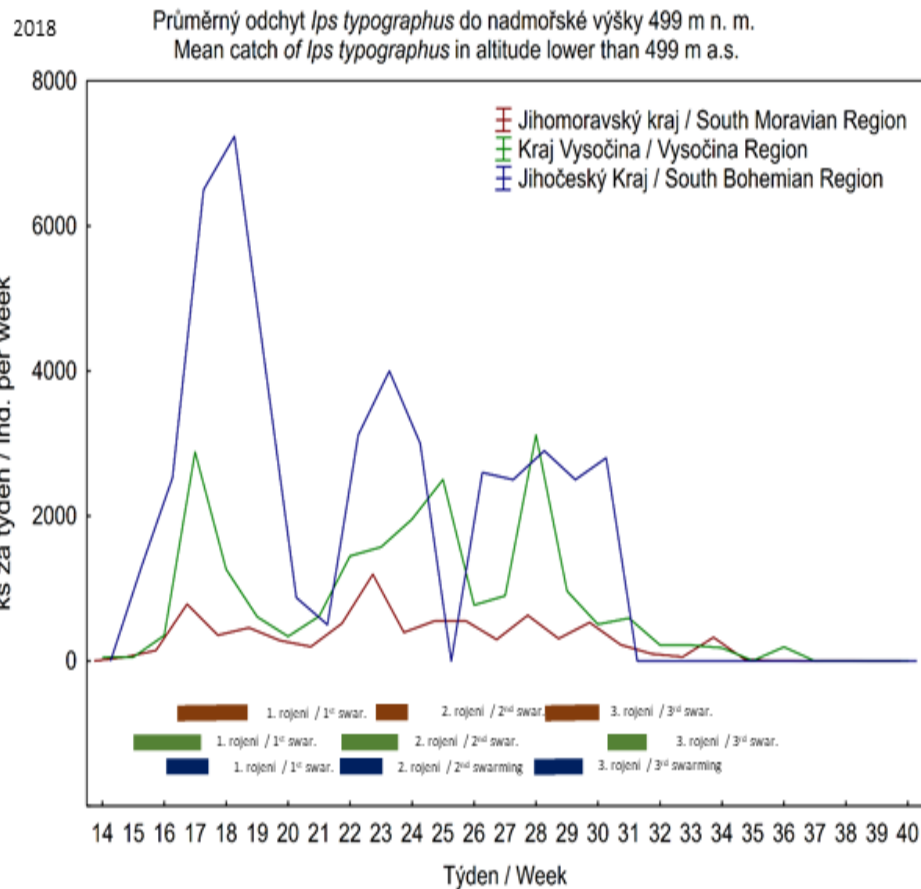
Průměrný odchyt *Ips typographus* do nadmořské výšky 499 m n. m.
Mean catch of *Ips typographus* in altitude lower than 499 m a.s.



2020

Průměrný odchyt *Ips typographus* nad nadmořskou výšku 500 m n. m.
Mean catch of *Ips typographus* in altitude higher than 500 m a.s.





Interreg



Austria-Czech Republic

European Regional Development Fund



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<http://www.frameadapt.cz>

Frameworks and possibilities of forest adaptation measures and strategies connected with Climate change

EHP-CZ02-OV-1-019-2014



ČEŠTINA [ENGLISH](#)

News

Frameadapt

Involved institutions

Bilateral cooperation

Project outputs

Fotogalerie

Contact



Frameadapt

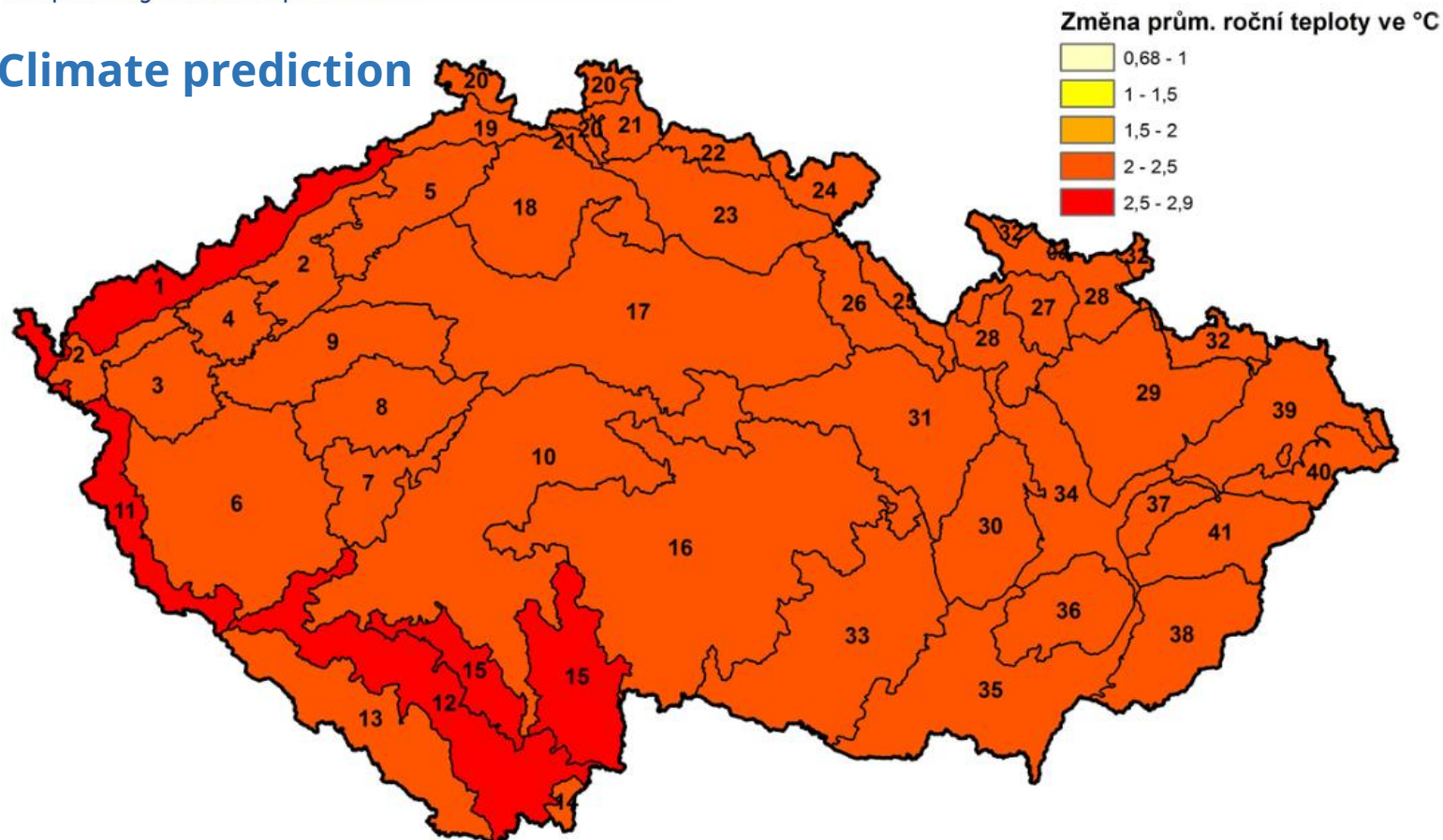
The aim of the project Frameworks and possibilities of forest adaptation measures and strategies connected with climate change is to create new forestry adaptation measures and strategies related to climate change.

The aim is to create conceptual, strategic and basic materials that would be used to manage the implementation of forest adaptation measures at all levels as well as create a more detailed framework for the three pilot nature forest area and at the

Mendelova
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Climate prediction



Predicted increase of average annual temperature in 2041–2060 compared with 1961–1990 for natural forest areas, GCM IPSL, RCP 4.5

Zdroj / Source: frameadapt.cz



Interreg



Austria-Czech Republic

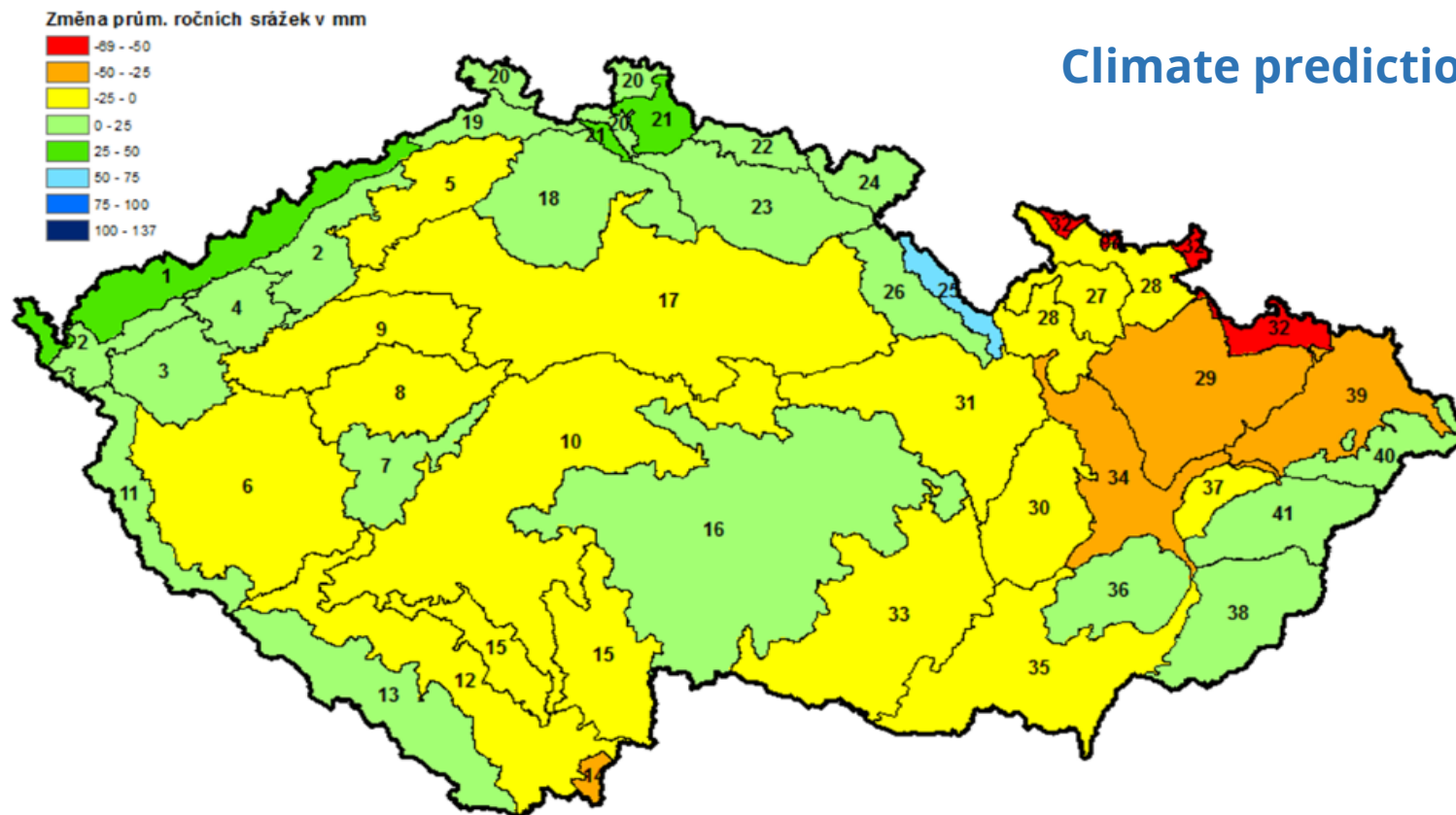
European Regional Development Fund



EUROPEAN UNION

- Mendel
- University
- in Brno

Climate prediction



Predicted change of annual precipitation in 2041–2060 compared with 1961–1990 for natural forest areas , GCM IPSL, RCP 4.5

Zdroj / Source: frameadapt.cz



Soil water index

Vegetation condition

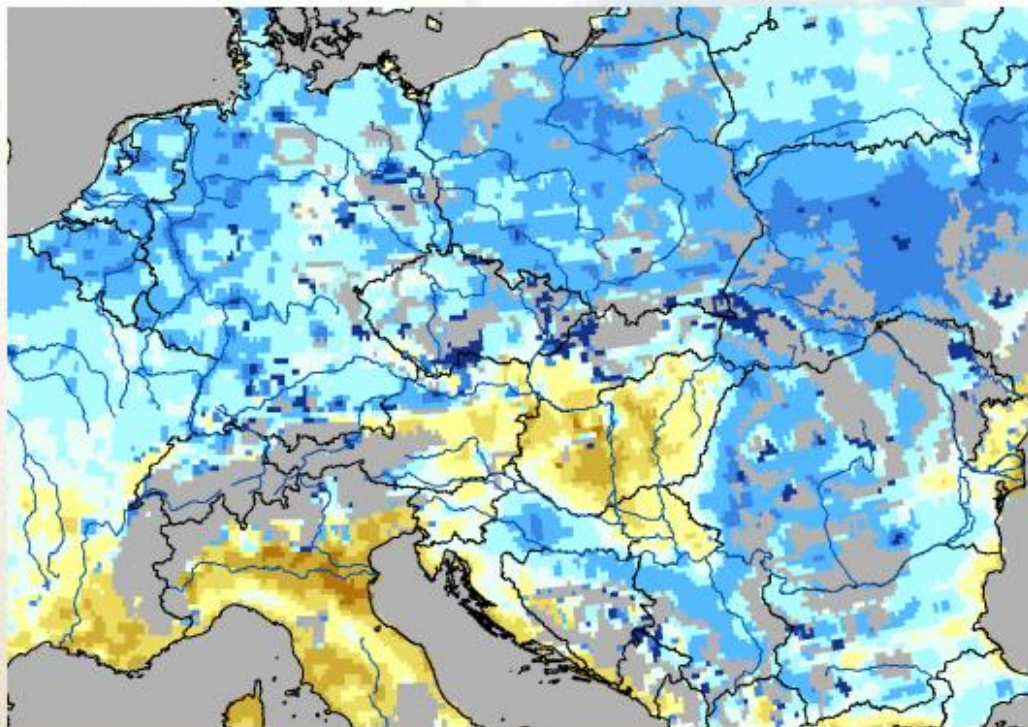
Impacts on yield

Agro-meteorological
conditions

Yield prediction

Water stress

Soil water index



28. 3. 2021

12th
week

Play animation:

last 4 weeks



week 09, 2021 - week 12, 2021



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Show maps

0 10 20 30 40 50 60 70 80 90 100

Anomaly (% of saturation)