

UrbUmbrella

Joint nature-based preservation of climate change
/humans-threatened urban LV-LT cross-border
wetlands umbrella biodiversity by innovative
solutions, reintroduction and joint management

LL-00232

Main Conception, Goals, Tasks



Rejected Previous Project Rugeli

Rejection main reasons:

1. There was **no scientific basis** - the INTERREG provides funds only for **scientifically based projects**
2. There was **no nature conservation** - the INTERREG provides funds only for **nature conservation**
3. There was **an increase of the territories attractiveness for visitors** - the INTERREG does **not** provide funds to increase attractiveness for **tourists**

Additional general rejection: **necessary joint cross-border work, innovations, IT.**

Specific requirements: **climate change, natural disturbance emulations, rare species, combating all forms of pollutions, invasive species**



New project UrbUmbrella:

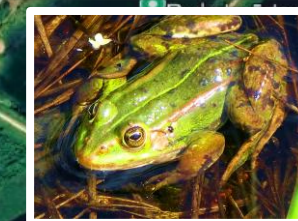
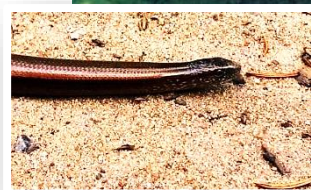
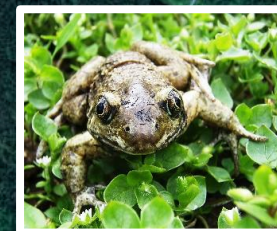
- Very strong **scientific** background
- Very strong **innovations**
- Very strong **transborder** cooperation
- **No attractiveness for visitors**
- Much **bigger** territories
- **Strong** all other requirements: natural **disturbances emulation**, **climate mitigation**, **pollutions**, **IT**, **invasive species etc.**



CONCEPTION: Umbrella Key Species Amphibians and Reptiles

Aizsargājamās Eiropas un Latvijas herpetofaunas sugas:

1. Purva bruņurupucis *Emys orbicularis*
2. Lielais tritons *Triturus cristatus*;
3. Sila ķirzaka *Lacerta agilis*;
4. Zaļais krupis *Bufo viridis*;
5. Brūnais varžukrupis *Pelobates fuscus*
6. Austrumu glodene *Anguis colchica*; Jauna suga Latvijai, atrasta 2021. gadā, sadarbojoties Latgales zoodārza zinātniekiem un zinātniekiem no 6 valstīm
7. Parastā odze *Vipera berus*;
8. Parastais zalktis *Natrix natrix*;
9. Pļavas ķirzaka *Zootoca vivipara*;
10. Ezera varde *Pelophylax ridibundus*;
11. Zaļā varde *Pelophylax kl. esculentus*;
12. Dīķa varde *Pelophylax lessonae*;
13. Purva varde *Rana arvalis*;
14. Parastā varde *Rana temporaria*;
15. Parastais krupis *Bufo bufo*;
16. Mazais tritons *Lissotriton vulgaris*



Invasive threats

Invazīvās mērķa sugas *Invasive Alien Species of European Union concern*:

1. Sarkanausu bruņurupucis *Trachemys scripta*
2. Rotans *Perccottus glenii*



Anthropogenic threats to the herpetofauna biotopes



Practical works fields

