



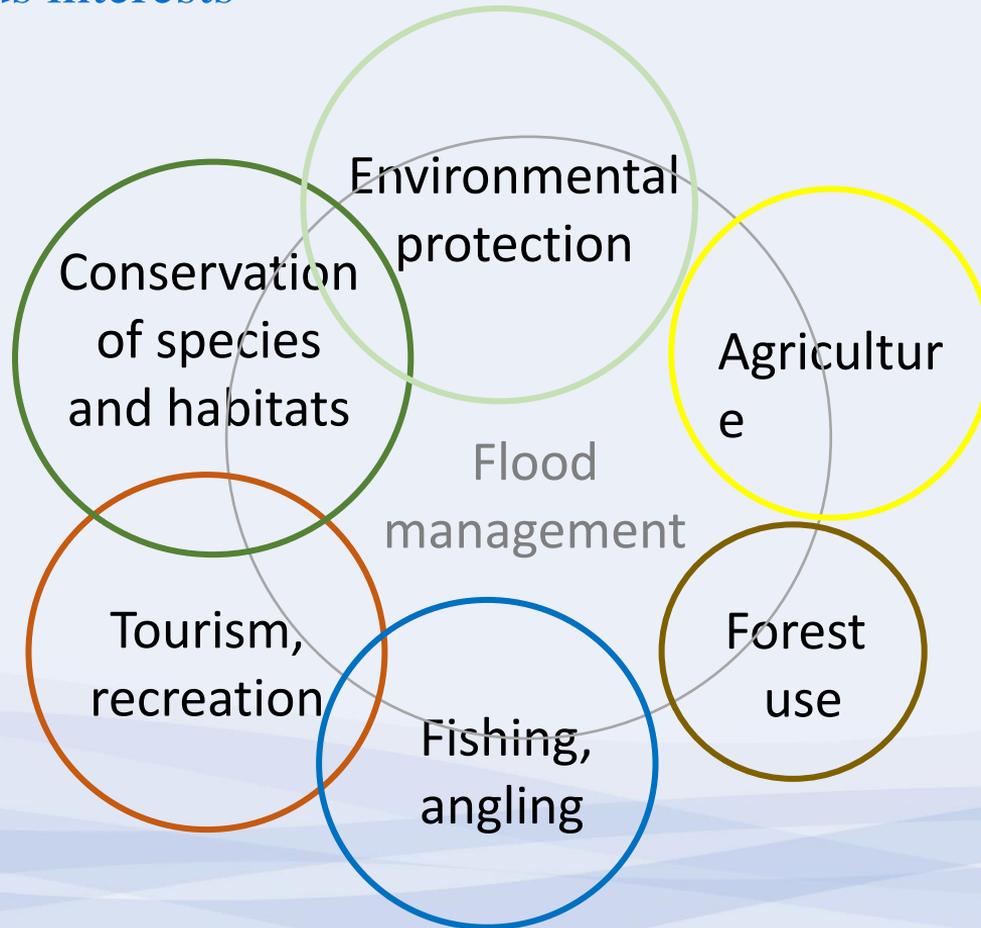
**Interactive session:**  
challenges and synergies in balancing nature conservation, water management  
and other policy objectives

Baltic-Nordic region thematic workshop  
Lubāns, 29-30 September 2021

EU LIFE Programme integrated project  
"Implementation of River Basin Management Plans of Latvia towards good surface water status"

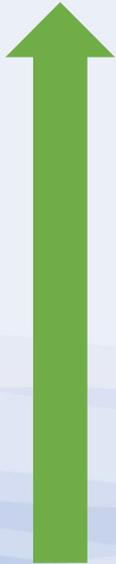


## Various interests



## Lubāns area: trade-offs and synergies (Example I)

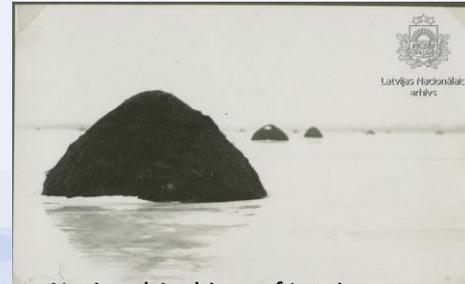
### Building of dams and polders; flood control



- more areas for  
agriculture,  
farmsteads, forestry



- decrease in areas of  
flood-dependent  
habitats, e.g.  
Floodplain grasslands



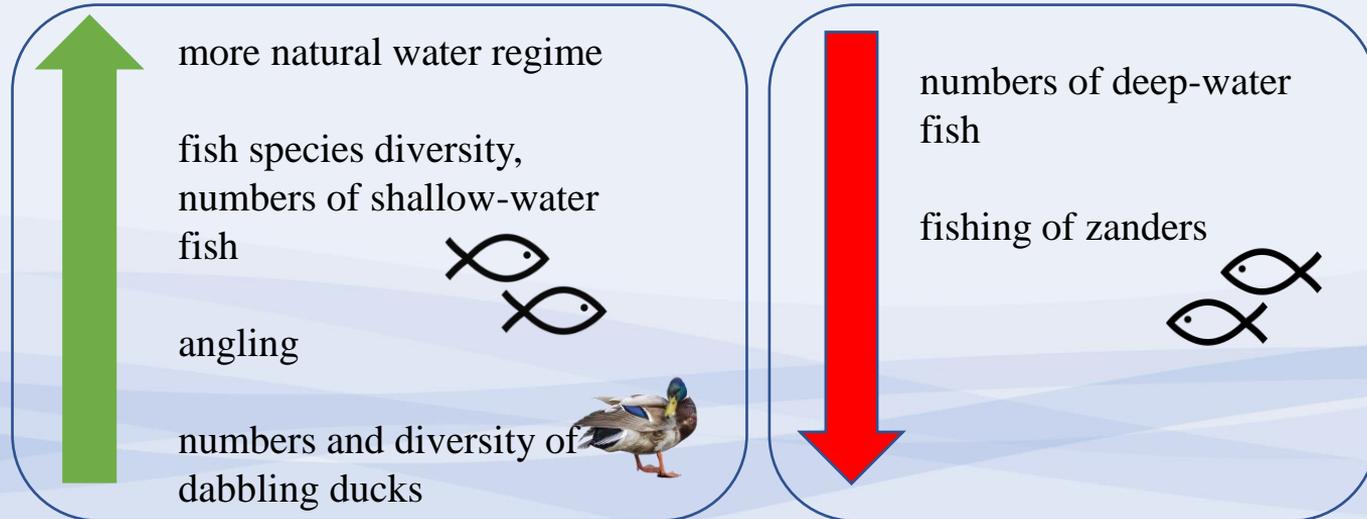
## Lubāns area: trade-offs and synergies (Example II)

### Water level of the lake

Current level (determined by regulations): 92,0–93,0 m

A study (Madona municipality, 2006) suggested construction of a obstruction with overflow of 91,7 m high

### Potential benefits and losses:



## Lubāns area: trade-offs and synergies (Example III)

### Migratory birds vs. agriculture and fish farming



feeding and resting sites for  
migrating birds

potential of birdwatching  
tourism



losses for agriculture

losses for fish farming

expenditures of state  
budget for  
compensations

## Possible **conflicts** and **synergies**

	WFD	Habitats Directive	Birds Directive	Flood Directive	Socio-economic interests
WFD		good ecological condition of water bodies, buffer stripes, etc. supports FCS	good ecological condition of water bodies, buffer stripes, etc. supports FCS	natural water retention measures	fishery; tourism & recreation
Habitats Directive	water quality objectives vs. nature conservation objectives ?		habitats for bird species	green infrastructure for flood prevention	tourism & recreation, education, other ecosystem services
Birds Directive	water quality objectives vs. nature conservation objectives ?	-		modified water bodies as habitats for birds	tourism & recreation, education
Flood Directive	flood prevention leads to heavily modifies water bodies	water level regulation impacts to species/habitats, restoration of floodplains	water level regulation, conservation status of birds (e.g. great snipe)		security; agriculture & forestry production
Socio-economic interests	agriculture: eutrophication, drainage; energy: dams	limitations to forestry; fishery; hunting agriculture	limitations to forestry; hunting; damage to agriculture	land policy & property rights	

## Questions for discussion

- Which of identified conflicts and synergies are important in your demo areas/country?
- How you address them/ what potential solutions you see?

# Thank you!



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