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Session D6: The Fish Migration Strategy on the Border Rivers Morava and Dyje – International Cooperation

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The fish migration strategy on the border rivers Morava and Dyje – international cooperation

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Examples of the oldest fish passes in the area
Catchment area of the Danube river and the Black Sea

The total number of migration obstacles

78

The total number of migration obstacles

57

The total number of migration obstacles

33 + 355
Vranovská Dyje – The Natural River between Two Dams
Vranovská Dyje – The Fish Monitoring

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<td>Present Trout zone</td>
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The Zero Option (do nothing)

😊 Status quo
😊 Sport fishing (angling)

😞 Low biodiversity
😞 Genetically non-native individuals
😞 The European Framework Directive
Original Barbel zone

😊 Achieving of limit goals

😢 irreversible changes
😢 temperature regime
😢 conditions for natural reproduction
Good ecological potential

- heavy modified water body
- Decision of boundary commission
- recent state

- the impact of reservoirs
- fragmentation and migration impermeability
- flood events
- piscivorous predators

Vranovská Dyje – The Target Fish Population (Grayling zone ??)
The Ancient Mill Race - A new function of technical heritage
Other Options for Fish Migration
**Reducing of Overall Height of Migration Barriers – The Removal of Weir**

- **Tube Weir Kopčany**
  - km 92,720
  - HEIGHT: 1,20 + 1,30 m
  - REMOVAL
  - height reduction 0,6 m

- **Weir Tvrdonice**
  - km 85,385
  - HEIGHT: 1,84 m
  - adding of fish ladder

- **Rocky Chute Lanžhot**
  - km 79,500
  - HEIGHT: 3,10 m
  - height reduction 0,6 m

- **Tube Weir Lanžhot**
  - km 76,916
  - HEIGHT: 0,94 + 1,20 m

- **Weir Lanžhot**
  - km 74,117
  - HEIGHT: 1,47 m

**Total HEIGHT:** **11,05 m** (impermeable)

_reduced to_

**Total HEIGHT:** **4.34 m** (permeable)
The Improve of conditions in the stretch with dams
Re-conecting of Cut Oxbow
Strana 20

The Nové Mlýny Reservoir – Unnatural Lake

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Solutions of Fish Migration across a Large Lakes
Thank you for your attention

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