Danube Lifelines

HUN REN | Balaton Limnological Research Institute

Danube II

Hungary

Demonstrate a science-based, stakeholder-informed restoration plan to prioritise side arms as critical habitats to support migratory fish conservation

Aim:

- Prioritise side arms of the Danube for restoration based on stakeholder and societal needs
- Identify critical habitats and migration corridors in the Hungarian Danube
- Assess the importance of lateral connectivity for key migratory fish species

Output:

- Provide management recommendations for national park and water authorities
- Map critical habitats and key areas for restoration and protection
- Prioritise side arms for restoration planning
- Offer case study evidence to support the implementation of River Basin Management Plans (RBMP) for migratory fish conservation

Addressed Issues:

- Habitat loss, river fragmentation, and declining fish populations
- Develop a restoration plan for the Hungarian Danube

Investigation Area:

- The Hungarian section of the Danube River downstream of the city of Gönyü to Budapest

Implemented Measures:

- Local-scale restoration (mainly dredging) carried out in some side arms
- No comprehensive conservation and restoration plan currently exists

Stakeholders:

- Nature conservation authorities
- Navigation and flood protection sectors
- Angling and fishing associations
- Recreational user groups (e.g., boating, bathing)
- Connected to Danube-Ipoly National Park and WWF-HU

target species



14 Present species

4 Missing but expected species

Anadromous species	***Acipenseridae***	
	Huso huso	
	Acipenser gueldenstaedtii	
	Acipenser stellatus	
	Clupeidae	
	Alosa immaculata	
	Alosa tanaica	
	Salmonidae	
	Salmo labrax	
Potamodromous species	***Acipenseridae***	
	Acipenser nudiventris	
	Acipenser ruthenus	
	Cyprinidae	
	Pelecus cultratus	
	Vimba vimba	
	Chondrostoma nasus	
	Barbus barbus	
	Rutilus virgo	
	Leuciscaus aspius	
	Leuciscus idus	
	Cyprinus carpio carpio	
	Ballerus ballerus	
	Salmonidae	
	Hucho hucho	
	Thymallus thymallus	
	Percidae	
	Zingel zingel	
	Zingel streber	
	Gymnocephalus schraetser	



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