



Factsheet A.2.3: Klížska Nemá (Slovakia, SK040)

Location: left bank of the Danube at river km 1790,7- 1791,2

Responsible Partner: BROZ

Background: The Danube river at Klížska Nemá belongs to the specific transitional section of the river where the riverbed slope decreases fast, resulting in less presence of secondary river branches, however there is still strong sedimentation within the main channel. The basic shape of the riverbed did not change dramatically in the past centuries. However, since 19th century massive embankments were built. Technical interventions aim to stabilize the river.



Objective: A.2.3 plans a pilot island restoration of a short section of the main channel. Existing groynes will be modified, some of the sediments along the bank will be removed. An isolated island and a channel with permanently flowing water will be created. The riverbed will support local sedimentation of gravel, slow increase of the island and natural formation of new 91E0* habitats. The new channel at the bank will provide shallow water habitats protected from the rapid current and wave stress, thus will create suitable area for juvenile fish. Limited access of people will provide resting places for waterfowl.

Main objective is the dynamization of the landscape, to initiate river dynamic processes and to create a dynamic riverine landscape with high value for 91E0* habitats. At the same time, this activity should demonstrate integrative management, combining nature conservation, flood protection and navigation interests.

