Selected fish pass projects in the Meuse catchment
1. old fish passes: 1.1 geometric problems

- pools are to small
- Water depth to small
- energy to high
- vents to small

picture by Ingenieurbüro Floecksmühle GmbH
1. old fish passes: 1.2 hydraulic problems
1. old fish passes: 1.2 hydraulic problems
2. projects in the Meuse catchment

Quelle: https://drive.google.com/open?id=1IKSvjTrk0aCleb7fR44ZQ0r4l8&usp=sharing
2.1 fish pass project at Vesdre / Chaudfontaine / Belgium

- Total height before demolition 2,3 m
2.1 fish pass project at Vesdre / Chaudfontaine / Belgium

- 15 baffels each 13 cm
- total length 90 m
2.1 fish pass project at Vesdre / Chaudfontaine / Belgium
2.2 fish pass project at Hambeek / Roermond / Netherland
2.3 fish pass project upstream at Roer / Roermond / Netherland
2.4 fish pass project upstream: position and design of the entrance
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- Low discharge at HPP
- High discharge at HPP
2.6 Visitor Center at Roermond (NL) and Lahn (D)
3 fish protection and down-stream systems
3.1 protection and down-stream Roer / Roermond / Netherland
3.1 protection and down-stream Roer / Roermond / Netherland
3.2 protection and down-stream Roer / Dueren / Germany

bar spacing before rebuilding: 250 mm
3.2 protection and down-stream Roer / Dueren / Germany
3.2 protection and down-stream Roer / Dueren / Germany

Protection system and down-stream system: design by Ingenieurbüro Floecksmühle GmbH
Thank you!