

Executive Summary

D4.2 Functional application matrix for identification of potential combinations of improvement measures

This report builds on FIThydro deliverable D4.1 where a set of mitigation measures are suggested for mitigating impacts of hydropower on fish. These measures are not ranked or combined in D4.1. In this report, each mitigation measure is scored with respect to its suitability for mitigating challenges and problems. A matrix also shows how different mitigation measures can be combined. The scoring and matrix is shown in a separate excel spreadsheet (PDF print out in Appendix 1) that can be downloaded at:

<https://www.fithydro.eu/mitigation-measures-matrix/>

This report also describes the framework for using Bayesian networks to identify potential combinations of mitigation measures that are most likely to succeed and are most effective. These combinations will include trade-offs between the cost of the mitigation measures and their effectiveness. The framework will be tested in selected FIThydro Test Cases. The full test with the application of the framework will be reported in D4.6 and in a scientific article.

Full deliverable [download](#)

