# Solutions (mitigation measures)

## Note: Please include (high quality) pictures/figures as appropriate. Include at least one image that can be used to represent the SMTD. For every image used, please ensure we have the rights to use it, and place the following information below the image (must have at least Description and Author *or* Source, preferably all):

Author (creator/photographer):

Source (reference and/or link):

Description (i.e. caption):

## [Name of measure]

**Category of measure:** [choose from Environmental flows; Habitat; Sediment management; Downstream fish migration; Upstream fish migration]

*Approx. ½-1 page description of the measure. Include briefly some information about application of the measure with reference. Include also a picture or illustration that gives a good first impression of the measure.*

### Methods, Tools and Devices to use during planning

*Describe how you would plan the measure and what methods, tools and devices that can be used during planning. Illustrate with examples or graphs. Approx. 1 page.*

### Methods, Tools and Devices to use during construction and implementation

*Describe how you would construct and implement the measure and what methods, tools and devices that can be used during construction and implementation. Illustrate with examples or graphs. Approx. ½-1 page.*

### Methods, Tools and Devices to use during maintenance and monitoring

*If the measure needs maintenance, describe what methods, tools and devices that can be used for maintenance. If the measure can be monitored for function, efficiency, operation, etc, describe what methods, tools and devices that can be used for this. Illustrate with examples or graphs. Approx. ½-1 page.*

### Relevant literature

*List of references cited in the text and other relevant references.*

### Classification of the measure [write name of measure]

*[Fill in appropriate excel sheet, no need to copy it over to this document]*

# Methods, Tools and Devices

## Note: Please include (high quality) pictures/figures as appropriate. Include at least one image that can be used to represent the SMTD. For every image used, please ensure we have the rights to use it, and place the following information below the image (must have at least *Description* and *Author* or *Source*, preferably all):

Author (creator/photographer):

Source (reference and/or link):

Description (i.e. caption):

## **[Name of MTD]**

Developed by: [insert institution, partner, persons]

Date:

Type: [choose method, tool (model), device or combination of these]

## Introduction:

*Describe the background and what the MTD is doing or can be used for. How does it work? Why was it made the way it was? Include something about the theory behind, the scientific foundation, engineering etc. Include a picture or illustration suitable for giving the first impression of the MTD. ½ - 1 page*

## Application:

*How can the MTD be applied? If it is a method, we suggest including a flowchart of the process. If it as computer model, some pictures of for example model outputs can be included, as well as information about input data. If it is a device, include a picture of the actual device. If the application is very complex, make a simplified description here and include a reference to a more detailed description if it exists. Include examples of where the MTD has been applied, if possible (real life cases, laboratory cases, papers, etc.). Explain how it was used in this case and how well it worked. 1-2 pages*

**Other information:**

*Include other relevant information. Costs of purchase, use, license etc can be added here.*

**Relevant literature:**

*List of references cited in the text and other relevant references (e.g. links to developers).*

**Contact information:**

*Include website, email or other ways of contacting the owner or developer of the MTD.*