

WP4

Dora Baltea MCA alternatives description

Date

2011-12-23

Document version

v2

Author

Andrea MAMMOLITI MOCHET, Maria BOZZO,
Ivan DRUSCOVIC

Member number and name

ARPA Valle d'Aosta – LP

SHARE - Sustainable Hydropower in Alpine Rivers Ecosystems
<http://www.sharealpinerivers.eu>

Project reference number: 14-2-3-IT

Priority 3 – Environment and Risk Prevention

Project duration : 36 months – 1/08/2009 – 31/07/2012

Summary

SHORT DESCRIPTION

Document Control

Project	SHARE - Sustainable Hydropower in Alpine Rivers Ecosystems (ref. 5-2-3-IT)
Action	WP4 – action 4.4
Deliverable	YES : WP4-34
Due date	Project Month 30 (December 2011)
Delivery date	23/12/2011
Dissemination	Public
Origin	LP – ARPAV
Author	Andrea MAMMOLITI MOCHET – a.mammolitimochet@arpa.vda.it

VERSION	DATE	AUTHOR	AUTHOR'S ORGANIZATION	DESCRIPTION/CHANGES
v01.00	10/06/10			1 st version
V02.00	23/12/11			2 nd version

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Introduction

This document aims to describe the set of alternatives chosen for implement the MCA approach in the Dora Baltea Pilot Case Study. These different alternatives represent the real HP plant manager planned releases in a coordinate study with the public administration. The set of the experimental releases for the Dora Baltea river are applied to a single HP plant.

Existing structure

The MCA will be applied to an existing plant located along the Dora Baltea river (Aosta Valley, Italy) with the aim to detect the MIF quantity to release from every withdrawal considered.

The HP plants considered along the Dora Baltea River is:

NUMBER	TYPOLGY	HP PLANT CODE	HP PLANT NAME
1	Withdrawal	CVA-A-MON	MONTJOVET



Alternatives description

1. ALTERNATIVE 0 (HISTORICAL MANAGEMENT UNTIL 2008): until 2008 not MIF released.
2. ALTERNATIVE 1 (20% OF MIF): 20% of the MIF released with the collection of the data referred to each indicator for one year.
3. ALTERNATIVE 2 (60% OF MIF): 60% of the MIF released with the collection of the data referred to each indicator for one year.
4. ALTERNATIVE 3 (100% OF MIF): 100% of the MIF released with the collection of the data referred to each indicator for one year.