

WP4

Chalamy 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

The information contained in this report is subject to change without notice and should not be construed as a commitment by any members of the Share Consortium. The Share Consortium assumes no responsibility for the use or inability to use any procedure, protocol, software or algorithms which might be described in this report. The information is provided without any warranty of any kind and the Share Consortium expressly disclaims all implied warranties, including but not limited to the implied warranties of merchantability and fitness for a particular use.

The responsibility for the content of this publication lies with the authors; it does not necessarily reflect the opinion of the European Community. The European Regional Development Fund is not responsible for any use that may be made of the information contained herein. The information contained is given for information purposes only and does not legally bind any of the parties involved.

Table of contents

Table of contents.....	3
Introduction.....	4
Existing structure.....	5
Alternatives description	5

Introduction

This document aims to describe the set of alternatives chosen for implement the MCA approach in the Chalamy 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 Chalamy river are applied to a single HP plant.

Existing structure

The MCA will be applied to 1 existing plant located along the Chalamy river (Aosta Valley, Italy) with the aim to detect the MIF quantity to release from the withdrawal considered.

The HP plant considered along the Chalamy river is shown below:

NUMBER	TYOLOGY	HP plant CODE	HP plant NAME
1	Withdrawal	CVA-A-CHE	CHEVRERES



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.