

Mulkear LIFE – Full List of Project Actions

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A Actions: Preparatory Actions, Elaboration of Management Plans and / or of Action Plans	
Action	Description
A1	Management Plan for the Mulkear
A2	Enhancement of Salmon populations and biodiversity Considerations of habitat restoration for Sac's
A3	Management of upstream passage issues sea lamprey and monitoring of adult lamprey for SAC's
A4	Management guideline for otter in SAC's
A5	Management of riparian zones for riverine SAC's
A6	Guide to sustainable water management on farms in close proximity to SAC's
A7	Detailed Habitat Development plan for Newport and Bilboa River
B Actions: Land Purchase / Lease – Not Applicable to Mulkear LIFE	
C Actions: Concrete Conservation Actions	
Action	Description
C1	River habitat restoration for Atlantic salmon in a drained section of the main river channel (Mulkear)
<i>C1 (a)</i>	<i>Need walk over survey and pre-enhancement work fish stock surveys (Sunville to Abington)</i>
C2	River habitat restoration for Atlantic salmon in a drained section of the Newport and Bilboa River
<i>C2 (a)</i>	<i>Some work done but need pre-enhancement fish stock surveys (16.5 km Newport (Annagh); 10.2km Bilboa)</i>
C3	Easement of sea lamprey passage by retrofitting and modification of two fish passes and customisation of weir to facilitate lamprey passage
C4	Action for otters (Reintroduction of habitat for otters)
<i>C4 (a)</i>	<i>10 artificial holts on Mulkear (Dromkkeen to Abington)</i>
<i>C4 (b)</i>	<i>Survey of otter usage pre and post work</i>
C5	Control and subsequent removal of Giant Hogweed and Japanese knotweed (local area)
<i>C5 (a)</i>	<i>The efficiency and suitability of mechanical methods tested at specific locations</i>
C6	Control and subsequent removal of Giant Hogweed and Japanese knotweed (OPW area)
C7	Control and subsequent removal of Himalayan balsam
C8	Replacement of coniferous forest with natural broadleaf vegetation along stretches planted with coniferous forest
<i>C8 (a)</i>	<i>Monitoring to develop guidelines for management improvement; Linked with task E7</i>
C9	Improvement of water quality in areas affected by cattle disturbance due trampling and faecal disturbance
<i>C9 (a)</i>	<i>Monitoring with invertebrate to test effectiveness; Linked with task E8</i>

Mulkear LIFE – Full List of Project Actions (Continued)

D Actions: Public Awareness & Dissemination of Results	
Action	Description
D1	Create awareness amongst the community: Public awareness and participation workshops (Initiated)
<i>D1 (a)</i>	<i>4 community workshops</i>
D2	Create awareness amongst school kids
<i>D2 (a)</i>	<i>10 primary school and 5 secondary school visits per year</i>
D3	Educational lectures
<i>D3 (a)</i>	<i>8 lectures per year</i>
D4	Development and management of website, with an educational dimension, including volunteer census activity
<i>D4 (a)</i>	<i>Tag lamprey for web site</i>
<i>D4 (b)</i>	<i>1 web article per 2 months for 24 articles</i>
D5	Media activity relating to education and community monitoring actions
D6	Development of information brochures/newsletters and signage about the project
<i>D6 (a)</i>	<i>8 press releases</i>
<i>D6 (b)</i>	<i>6 press releases</i>
<i>D6 (c)</i>	<i>6 press releases</i>
<i>D6 (d)</i>	<i>6 press releases</i>
<i>D6 (e)</i>	<i>6 press releases</i>
<i>D6 (f)</i>	<i>4 articles in glossy magazines</i>
<i>D6 (g)</i>	<i>Radio interviews (>4 national, 8 local)</i>
<i>D6 (h)</i>	<i>TV programmes (2)</i>
D7	Brochures
<i>D7 (a)</i>	<i>1st one at initial project start (project description)</i>
<i>D7 (b)</i>	<i>2nd & 3rd brochure (annex II species & Invasive weed control)</i>
<i>D7 (c)</i>	<i>4th brochure (sustainable farm water solutions)</i>

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E Actions: Overall Project Operation & Monitoring	
Action	Description
E1	Establish Project Advisory Group
E3	Employ Project Team
E4	Fish Stock Survey
<i>E4 (a)</i>	<i>20 baseline sites and 10 repeat post monitoring sites</i>
<i>E4 (b)</i>	<i>Monitoring Report 1</i>
<i>E4 (c)</i>	<i>Monitoring Report 2</i>
<i>E4 (d)</i>	<i>Monitoring Report 3</i>
E5	Monitoring of fish stock passage works and post works upstream migration of sea lamprey beds
<i>E5 (a)</i>	<i>Monitoring Report 1</i>
<i>E5 (b)</i>	<i>Monitoring Report 2</i>
<i>E5 (c)</i>	<i>Monitoring Report 3</i>
E6	Monitoring effectiveness and cost per effort of invasive weed control in the riparian zone and recovery of native vegetation
<i>E6 (a)</i>	<i>Monitoring Report 1</i>
<i>E6 (b)</i>	<i>Monitoring Report 2</i>
<i>E6 (c)</i>	<i>Monitoring Report 3</i>
E7	Monitoring of practicalities and recovery of riparian zone by replacement of coniferous trees with native broadleaf and open spaces
<i>E7 (a)</i>	Macro invertebrate sampling
<i>E7 (b)</i>	<i>Monitoring Report 1</i>
<i>E7 (c)</i>	<i>Monitoring Report 2</i>
<i>E7 (d)</i>	<i>Monitoring Report 3</i>
E8	Trail of alternative water sources for cattle with direct access to the river and monitoring of improvements in water quality
<i>E8 (a)</i>	Macro invertebrate sampling
<i>E8 (b)</i>	<i>Monitoring Report 1</i>
<i>E8 (c)</i>	<i>Monitoring Report 2</i>
<i>E8 (d)</i>	<i>Monitoring Report 3</i>
E9	Liaison with other EU LIFE Nature / Biodiversity projects
E10	External auditing
E11	After LIFE Plan