

ACTION NAME	C2 Restoration of the former Truchas Erreka trout farm
SCZ in which the action is undertaken	Leitzaran river
LINK WITH NATURA 2000	Restoring the former Truchas Erreka trout farm coincides with the following Natura 2000 planning objectives: - Operational Objective 3 "Eliminate the obstacles in the aquatic channel" of the key Ecological River Channel management element. It is specifically related to action "AP1. Draft and execute projects to permeate/demolish the obstacles associated with disused concessions in the SCZ or in nearby areas", in which the Truchas Erreka dam has been expressly identified. - Operational Objective 2 "Limit the impacts on fish species present in the SCZ" of the key management element " <i>Parachondrostoma miegii</i> and the Fish Community in general", which returns to the actions of the Ecological River Channel. It is also related to the potential capacity of the Leitzaran to house the Atlantic salmon (<i>Salmo salar</i>).
Key Elements of the promoted SCZ	Action benefits: - Direct benefit to the key elements "91E0* Alders and poplar trees", Ecological River Corridor", "European mink (<i>Mustela lutreola</i>)" and " <i>Parachondrostoma miegii</i> and the Fish Community in general" of the SCZ Management Plan. - Potential benefit to species of community interest, Atlantic salmon (<i>Salmo salar</i>).
PLACE OF ACTION AND MUNICIPALS:	Leitzaran river Municipals of Andoain and Villabona.
Date	2015 - 2016
Budget	€238,070
Description of the action - OBJECTIVES	- Completely eliminate the obstacle (Truchas Erreka dam) and the alterations it generates. - Remove the former fish farm facilities and restore the area.
Description of the action - BACKGROUND	The Truchas Erreka dam constitutes an obstacle that fish from the Leitzaran cannot overcome. After the efforts of diverse bodies (DGF, Cantabrian Water Confederation) that have eliminated other obstacles, this is the first impassible barrier faced by fish swimming upstream from the Cantabrian sea. The abandoned facilities are currently in disuse (concrete tanks, channels, covered concrete surfaces, etc.) and they alter a large area alongside the river (1 ha).
Description of the action - INITIAL AND CURRENT CONDITION (C actions)	

The Truchas Erreka dam generates a jump of around 5 m, crossing the river from bank to bank with a 33 metre long structure. Alongside this is a 2 m wide channel that covers 100 m, taking water to the fish factory facilities.

This dam retains the water, forming a 200 m reservoir that reaches the next dam, the Olaverri Hydroelectric Plant, which is in use. The dam at this Plant is also impassible, but it has a fish way. The fish way is problematic, because given its design it only allows fish to pass when the water level is high.

Description of the action - ENVISAGED ACTIONS/DESCRIPTION OF FOLLOW UP

The proposal is to completely demolish the Truchas Erreka dam, leaving the river in its original state. The channel will be removed along with all the tanks, channelling, buildings and other concrete elements of the fish farm.

The area will be recovered by adding sediments from the former reservoir, and will be planted with appropriate local species (alders and mixed forest).

There are also plans to correct the problems with the fish way at the Olaverri Hydroelectric Plant to ensure it works regardless of the water level.

JUSTIFICATION What are the desired results? - ENVISAGED RESULTS

It is envisaged that the Truchas Erreka dam will be completely removed, enabling fish to cross the dam at the Olaverri Plant. Abandoned structures will also be eliminated (buildings, tanks, channels), to be restored with woodland areas.

