

## Açude Insuflável de Coruche *Inflatable Weir at Coruche*

Seth completed the work of the Inflatable Weir (river Sorraia) in Coruche.

The work of Dam Coruche, launched by the Municipality of Coruche, is part of the Recovery Plan Marginal Sorraia River allowing residents to enjoy a new social facilities, unique features.

The water mirror thus created upstream of the dam enhances the practice of fishing contests and events, recreational motorboats, and other footpaths.

The dam consists of a main body, reinforced concrete, crossing the entire river, and a metal catwalk, a pedestrian extension of 62 meters, which allows the passage from one to the other side.

The indirect foundations of the complex consist of a set of 62 reinforced concrete piles, cast on the ground, with 800 mm diameter and 16 m deep.

The inflatable weir is still complex consists of:

- A house of Control
- A house of Command
- An observation room for fish
- A fish ladder.

### Main quantities of work

**Concrete:** 3.970 m<sup>3</sup>

**Rubble concrete:** 45 m<sup>3</sup>

**Shuttering:** 974 m<sup>2</sup>

**Steel:** 272.000 Kg

**Accesses:** 800 m<sup>3</sup>

**Excavation:** 2.300 m<sup>3</sup>

**Inflatable sluice gates:**

**Span 1:** c/ 30 meters

**Span 2:** c/ 30 meters

**Diameter:** 2,5 meters

**Material:** semi-synthetic rubber reinforced with polyester mesh

**Architect and Engineer:** Hidroprojecto



## Resumo da Obra

### *Work Summary*

Cliente	<b>Câmara Municipal de Coruche</b>	<i>Client</i>
Tipo de contrato	<b>Turn-key</b>	<i>Contract type</i>
Data de construção	<b>2011-2012</b>	<i>Construction period</i>
Custo	<b>EUR 2.291.885,00</b>	<i>Cost</i>