

## Elaboration of a river contract on the catchment basin of Nahr Qadisha



### Localization:

Caza of Bcharreh

### Date:

2005-2008

### Beneficiaries :

32,000 inhabitants of the Caza of Bcharreh

### Budget:

127,200 euros

### TIMELINE

In 2001, the Water Establishment of North Lebanon (WENL) and the Greater Lyon Water Authority signed a cooperation agreement on sanitation. The NLWE then proposed to apply the approaches and technologies promoted by its French partner in the territory of Bcharreh District.

Between 2005 and 2008, a new cooperation agreement was established between NLWE, Union of Municipalities of Bcharreh, the Rhône Alpes Region and the Water Agency Rhône Mediterranean Corsica (AERMC).

The agreement focuses on the development of a river contract. This process is coordinated by a Steering Committee composed of NLWE, Union of Municipalities of Bcharreh, the Ministry of Energy and Water and the Council for Development and Reconstruction.

### OBJECTIVES

The protection and the valorization of the water resource by its division between the different uses and the answer to the sanitary requirements and protection of the natural aquatic environments.

The improvement of water management is divided into specific objectives:

- Consultation between local authorities and users;
- Awareness of the protection of the resource;
- Structuring of governance.

## Actors associated to the project:

Water Agency Rhône Mediterranean Corsica

General Council of Pyrenees-Orientales

Regional Natural Park of Catalan Pyrenees

Languedoc-Roussillon Region

Ministry of Energy and Water

Council for Development and Reconstruction

North Lebanon Water Establishment

Union of Municipalities of Bcharreh

Corail Association



## ACTIVITIES

- Constitution of the River Committee;
- Drawing-up a territorial diagnosis;
- Drawing-up a regulation of the River Contract;
- Drawing-up a work program ;
- Population awareness meetings;
- Awareness of nature protection in schools.

## DEVELOPMENTS

Since 2009, a new cooperation program binds the Regional Natural Park of the Catalan Pyrenees, the Union of Municipalities of Bcharreh and the AERMC. This cooperation result in the completion of the the river contract procedure, a support for its implementation and to establish a diagnosis of the state of the water resource.

At the same time, a Master Plan for Sanitation was developed for the Bcharreh District with funding from Private Sector Aid Fund (FASEP).

The development of the Master Plan has resulted in:

- Assessment of the vulnerability of the water resource;
- Definition of Master Plan for Sanitation;
- Water and sanitation cartography in Bcharreh District and implementation of a Geographical Information System at the NLWE;
- Measuring equipment for monitoring the quality of water resources within the NLWE.

This Master Plan for Sanitation has been approved by all members of the Steering Committee. Following this, the French Agency for Development financed a pilot [project](#) of Reed bed filter treatment plant in Bcharreh (2013) and then granted a sovereign loan of 34 million euros for the financing of the entire Master Plan for Sanitation (beginning of works 2018).