

La Religa



CASAS ITER
BIOCLIMÁTICAS

HOW DOES THE IDEA COME ABOUT?

The house **La Religa**, far from invading the environment, tries to establish a different relationship with the environment by transforming the elements. The water sheet is the air conditioning of the house and a captivating mirror of the environment. Its two heights and its orientation towards the mountain create many attractive and different spaces in which to get lost.

This house has been designed to achieve optimal indoor climatic conditions of temperature and relative humidity with the help of the user. Comfort conditions for temperature are assumed between 21oC and 26oC and between 20% and 80% for relative humidity. All the strategies proposed will be aimed to maintain the house within these parameters, especially thermal, without using energy consuming appliances, only through bioclimatic techniques. The climatic data of the house can be accessed through a screen in the interior.



PROYECTO COFINANCIADO
POR LA UNIÓN EUROPEA
Medio ambiente y
eficiencia de los recursos

BIOCLIMATIC STRATEGIES

The main bioclimatic strategies used in the house **La Religa** are:

- The water mirror and vegetation favour different microclimates and decrease daily temperature variations.
- Interconnection of spaces with opposite orientations and openings to generate and modulate the wind better.

HOW IS THIS BIOCLIMATIC HOUSE USED?

If it's warm

- Open doors and windows for cross ventilation.
- Lower blinds to prevent direct sunlight entry.
- Shut the louvers.

If it's cold

- Raise the blinds so that the heat of the sun may enter.
- Close the doors so that the accumulated heat does not escape.
- Open the louvers.