

ABSTRACT

In recent years there is a major concern for energy saving. Our habits have changed driven by awareness campaigns whose most direct message is respect for the environment and caring for our resources because these are limited. The architecture has a social purpose, which as we know is to provide a habitat as comfortable as possible, while, and for the foregoing, efficient and sustainable.

Nowadays, thanks to new informatic technologies, we can visualize at the planning stage, how a building will respond to the environmental conditions affecting it, such as, the air, the sun, lighting...

But fifty years ago, when the building object of this research study was built, the only way to achieve saving targets, was to rely on the resources where both the sun, such as air or vegetation were allies, recalling those all-time architecture inherent principles. This way comfort and savings were attempt.

The old Valencia Law Faculty, was treated by architect Fernando Moreno Barberá under these considerations, obtaining a very significant building, and one of the most architectural quality of the city, both as a prime example of the architecture legacy of the Modern Movement in Valencia, as for the different solutions that expresses in its design in order to become an efficient building.

But, to date, there is no record of the building operation to the above factors, if one is interested, the only information available is a simple database, where figures indicate an excess energy consumption, even exaggerated in certain periods of the year, therefore:

If the referred architect did his best to preserve users, (students), adverse environmental comfort conditions,

What is that causes this spending and huge consumption and has made the Faculty taking special measures for energy savings?

Although as noted above, techniques that allow us to analyze the results to optimize the building energy issues arise in the design stage, and in the present case, the building celebrated this year its 50th anniversary, but since it is an exemplary architectural piece, significant and that possibly in the short term may suffer some sort of intervention for rehabilitation and improvement, would be interesting, apart to value the construction and the architect figure, getting to know, among others, what the weaknesses of it are, in order to ensure future energy efficiency.