

2. THE RESEARCH OF THE SYNTHESIS BETWEEN TRADITION AND ADVANCED TECHNOLOGY

The ancient people having lived, all over the world, in symbiosis with their natural environment, they created perfectly integrated housing units, concerning the use of local materials as well as the correspondance to the regional climatic conditions. The introduction in the housing projects, from the beginning of the industrial area, of technical equipments and procedures coincided with the propagation, all over the world, of architectural forms and expressions belonging to the colonial european powers, after what, from the beginning of the XXth century, the so-called "International Style" dominated the architecture in the whole world. The new technological inventions allowed to create artificially an interior climate inside the buildings, in complete independance from the outside climatic conditions.

As a consequence of this attitude we assist today at the squandering of the fossile energies, indispensable to the creation by air-conditionning or all other similar technics, of these artificial interior climates. The energetic and environmental deadlock towards which this attitude leads us inevitably, became evident since the beginning of the 1960's. This situation incited many researchers, after which also, for the implementation of their approaches, many interested manufacturers as well as political deciders, to develop and then apply, and, in some cases, even force the use of renewable energies. This approach coincide with different, more and more frequent, measures to diminish the consumption of energies, fossiles as well as renewables. It seems to us, precisely inside this very approach, to be interesting, if not even necessary to get inspired by the traditionnel architectural forms and behaviours, to get inspiration out of them and to point out their essentials. These are finally combined with the modern technical procedures and equipments and translated in nowadays architectural forms and expressions.

