



## OUR ENGAGEMENT FOR DURABLE TOURISM AND RESPECTFUL OF THE ENVIRONMENT

It is realized in the creation of the 1st bioclimatic hotel in Rhône Alpes area and 3rd in France which is a tourism model of structure as regards sustainable development, respect of the environment, safeguarding of our natural heritage, of safeguard of our planet.

- ✓ the materials used were selected in respect of the environment and its provisioning is local
- ✓ Use of clean energies and respectful of the environment (boiler to wood, solar warm water)
- ✓ Reduction of the emissions of gases to greenhouse effect (we will produce 1 ton of CO<sub>2</sub> compared with 33 tons for a use of natural gas or 90 tons with electricity)
- ✓ recovery of the rain water (why use water treated for the toilets and the laundry?),
- ✓ the building designed according to the rules bioclimatic
- ✓ Building low consumption (BBC) (optimum thermo isolation).
- ✓ Of the vegetalized roofs is implemented.

The ecological and bioclimatic approach which guides our engagement continues beyond the design and of construction in the management of the place

- ✓ sorting of waste (glass, paper, metal, compost),
- ✓ Installation of waste products sorting selective on the car park of the hotel
- ✓ use of maintenance products bio,
- ✓ electric shuttle with the service of the customers,
- ✓ sparing management of energies,
- ✓ Installation of control systems of consumption
- ✓ preferential prices with the customers supporting public transport,
- ✓ creation of a menu bio at the gourmet restaurant,
- ✓ sensitizing of the customers to the respect of the environment by the communication in the hotel and the rooms, etc...).



## BIOCLIMATIC APPROACH

Our project is guided by the objective of going possible further in the direction from sustainable development. With this intention, we work with the cabinet of architecture of Jean-François and Corine MERMILLOD for a beneficial architecture which is expressed through eight characters:

### CRITERION N°1 : ECOLOGIC MATERIALS

In the respect of the human and planet beneficial architecture uses natural and healthy materials. We draw aside from our choice the materials whose harmfulness is recognized or strongly suspected with the title of the precaution.

### CRITERION N°2 : BIOCLIMATIC

Beneficial architecture is combined with the climate in order to draw the best benefit from it or to protect itself some.

Usually bioclimatic architecture seeks to naturally recreate a beneficial balance with the human whatever the climate.

### CRITERION N°3 : RENEWABLE ENERGIES

- 1) Solar energy for the production of warm water.
- 2) Wood - energy with installation of a boiler with wood shredded for the heating. Coupled with the solar production of warm water, in order not to use the boiler the summer.
- 3) The rainwater recovery. Out of underground tank the stored rainwater will be re-used for external watering, the toilets, the washing machine by knowing that it is not drinkable and that provisions aiming at making safe its use, will be necessary.

### CRITERION N°4 : RELATION WITH NATURE

Conceived in symbiosis with its environment beneficial architecture supports the relation of the human with nature. One does not build the same house in a forest or a desert!

Our privileged site will make it possible to support interior spaces being prolonged naturally in terraces with living during the beautiful seasons. The openings will be many (each bathroom will have its opening) and generous.



### **CRITERION N°5 : THE EARTH RADIATES**

Beneficial architecture seeks the balance of the “cosmo-telluric” radiations necessary to the life, and which condition our health.

### **CRITERION N°6 : AT THE SERVICE OF THE HUMAN**

Beneficial architecture is at the service of the human in its small details.

In short, space, is it for living or only for admiring? A framework of life is like a second body and in this direction it is the reflection of the needs for its inhabitants and not for those of its architect!

### **CRITERION N°7 : IN RELATION WITH OUR 5 SENSES**

The relation that we maintain with our environment passes by the perception of our 5 senses.

By sublimating our 5 senses, beneficial architecture contributes to our wellbeing and our balance. Our Western companies privilege the sight and forsake the other directions.

How to explain why we create restaurants where it is impossible to hear each other, spaces where the air is saturated and unhealthy, of the walls which push back us and attack the touch?

### **CRITERION N°8 : EVOLUTIONARY**

Beneficial architecture is at measurement of the being and evolves at the rhythm of its physical and spiritual needs. The time give rhythm to all our life: of our birth to our death, we live an infinity of transformations that our spaces of life must accompany and to even anticipate.