

SUNSTAINABLE FARM

In order to protect environment from last year's pollution we create a new concept of farm.

We need to express our disappointment about intensive agriculture, then we think to make some important process in realize our project.

First we would like to create a sustainable agriculture by using solar panel and a water mill to produce electrical energy. This way permitted ourselves to have enough eco energy. Thanks to the

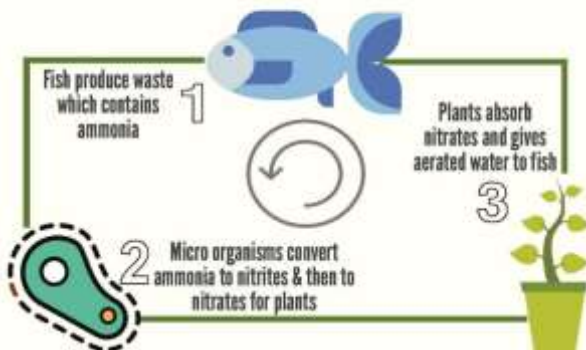


mill we can produce also energy and products like flour. Indeed, we use the power of the river to get more energy.

All employers in the farm would have social problems or maybe, in some cases, ex drugs and alcohol addicted or also ex-prisoners that must be replaced in society.

An electronical system controls the irrigation to give water from the river in to the fruits fields and the vineyard to make fresh fruits, grapes, wine and also leaves that people buy for cooking,

AQUAPONICS CYCLE



One of our important eco way of produce is AQUAPONIC CYCLE, implemented in all over the farm. It keeps the same water, took from the river, and then it's staying on the closed eco system in a tank full of fishes.

Ammonia from the fish waste goes to the plants containers which are full of clay pebbles rich of hydrogen. In hydrogen lives bacteria that convert the ammonia in nitrites for all the plants. After this process water is aerated and ready to put back to tank with the fishes and that closes the circle.

Thanks to this process we can produce vegetables, wheat and grain.

