

Courtirey sas... Who are we ?

The agricultural towers for multi-level cultivation, created by Jean-Claude Rey, enable market gardening professionals to increase the cultivation surface area and optimise the use of water. The towers are modifiable and form production blocks which can adapt to all kinds of ground. The only constraint is to respect the light shaft essential for plants. The apparatus for the circulation of water is fed by a solar panel on the roof of the tower which, due to the battery, is self-sufficient in energy. The roof protects the crops from bad weather and acid rain and permits the recycling of rain water which runs down into a tank placed under the tower through an independent circuit. A free, permanent and renewable water supply after the first rainstorm! An optional computerized water control system makes it possible to meet the precise needs of every type of crop. The most innovative aspect of the system is the recycling of the remaining water usually wasted after watering. Courtirey develops different kind of structure. The first one is a bigger structure of individual gardens with around 10 square meters on culture. And finally there is the biggest one which is 13 meters square. Jean-Claude Rey is a humanist who wants to save children from hunger. To be able to help poor populations, Courtirey has to be able to gain money with structures for European market such as the small structure for balconies and individual gardens.



Courtirey

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The project would best be described as an innovative approach to:

Improving access to and management of water: Yes

Improving the lives of farmers and rural communities: Yes

Providing greater nutrition to populations suffering from nutritional deficits: Yes



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This invention received a wonderful recognition during the last invention exhibition of Geneva with four prizes including the gold medal of the jury. This invention responds to all your criteria. These towers improve access to water, it improves the lives and the work conditions of farmers and it can also be a response to hunger all around the world. Courtirey gets also a wonderful recognition from the press: Le Monde, les Echos, TF1, France2, France3 and many articles from local press of course. The enthusiasm for this project is very impressive.