



# Day of the Earth

An agriculture more environment-friendly ?

## **Green invention - Vertical farming**

**Everyday, there are more and more people on earth, and they need to eat. To feed the population, people deforest to get more agricultural land : deforestation isn't good for our planet, it's not a long-term solution. Vertical farming could be a very good solution. It means to grow fruits and vegetables on vertical inclined surfaces.**

**This is an urban agriculture, who takes place on buildings. Vertical farming has many advantages : it protects the planet unlikely deforestation, it takes less space and it uses less water than a traditional farming, and it's also a solution to develop agriculture in city, so to develop local agriculture for people who live in a city.**

**However Vertical farming needs a control of humidity, light and temperature : that's very expensive.**

**There are not many vertical farms in France today, but it is growing. This is more important in Japan and in the USA. For example, there is a vertical farm northern of Nantes, whose name is HRVST (It is pronounced "Harvest").**

## Organic agriculture

Today, we use more and more like intensive farming with pesticides and chemical products is bad.

Indeed, this agriculture is detrimental for our health but also for the environment, in particular because of the pollution caused by chemical products.

But there are solutions here too! Organic farming is one of them.

Created in 1920 by agronomists, doctors, farmers and consumers, then recognised in France in 1981, organic farming uses cultivation and breeding practices that respect natural balances and excludes the use of synthetic chemicals and GMOs.

There are many products that can be certified as originating from organic farming: live or unprocessed agricultural products, processed agricultural products intended for human consumption, animal feed as well as vegetative reproduction material and seeds used for crops.

**These two labels certify a level of quality as well as a production and processing method that respects the environment, animal welfare and biodiversity :**



**the Euroleaf**



**the "AB" logo**