1. Project name

VERTICAL MECHANIZED FOOD PRODUCTION GREENHOUSE

2. Explain your idea in a sentence

Mechanized food production greenhouse combined with biological superimposed ponds are the solution for sustainable industrial agricultural production because water purifies automatically by ascending upwards, for photosynthesis and for Henry's law, without energy costs after the invention of hydroelectric energy pressurized.

3. Explain your idea in a paragraph

In this invention the technique used for the realization of hanging gardens is used and a small version of the overlapping biological ponds is flanked by them. With this system the cultivation above ground, could have immense advantages to allow to multiply the cultivated surfaces with a productivity already experienced in the normal greenhouses, more than 50% but made on several floors the production can be multiplied by unit of surface. If we put together the mechanized greenhouses also the overlapping biological ponds we can build the human natural habitat in little space, producing energy with water that purifies and recycles continuously even in space ships.

4. Explain why your idea is innovative in the context and in the country where it will be implemented. Alternatively, if your idea is based on an existing concept, explain how your idea differs from this.

The mechanized food production greenhouses have received international patent recognition (patent No. WO2014 / 076727) because they are contained in the synergistic vertical building (VSB) included in the global synergistic plants for purification, biomass production and thermoelectric cogeneration proposed by me in 'year 2012 but never realized. For the above-ground cultivation of food production we use the technology used for the realization of hanging gardens, which place the ground on floor cavity in plastic material covered with filtering cloth and are flanked by a restricted version of the overlapping biological ponds. These technologies are spreading throughout the world but never combined with purification with the recycling of the air, the production of autonomous energy and the alkalization of water that removes CO2 from the environment, creating complete cycles. In fact, the study of the organization of work started around 1911 by Frederick Taylor and Henry Ford has led to the multiplication of industrial productivity but has never been applied simultaneously to environmental aspects. It is necessary to recover the time lost: from the industry

we can be copy the internal transport systems to the plants to automate the mechanical processing of natural or artificial soil, while from the patents of the underwriters zero the energy costs due to fuels for the processing of land and winter heating, while the same production of pressurized energy with compressed air eliminates the purifying costs by releasing oxygen into the water.

5) Explain how your idea will allow young people to fully participate in a changing economy and how you would use a location-based approach.

The food production greenhouses mechanize is not a simple idea but consists of studies on the organization of the industrial environmental work of great impact that will produce work and wellbeing all over the world. The organization of industrial work serves to save human labor through industrial automation, while the organization of environmental work serves to save energy sources and purification processes. Unfortunately today we have a high industrial development and a poor environmental development. This has led to a lack of sustainable energy and purification solutions that have also influenced the wrong choices of the industrialists, who trusted the thermal energy developed and copied at world level, while from the studies of the environmental work organization the undersigned identified the synergies between the water that does not compress to the compressible air and the utility of the law of henry for purifying purposes to realize perfect powerful and purifying cycles without fuels. This is fundamental at global level, not only for energy saving but also to reduce purification costs, as current water purifiers can treat few waters compared to global needs. Today, almost all agricultural wastewater and rainwater that dilate urban streets, polluted by hydrocarbons and organic waste of all kinds, escape the treatment. While the overlapping biological ponds, they not only have immense purifying potentials, but developing vertically and in parallel to the waterways can be a great resource against floods and droughts. All this represents a great world revolution in labor even in agricultural food production. .

6) Explain how you will design and test the idea with potential users to develop it in a sustainable project over the next three years.

The large scale implementation of the global purification, which includes biological ponds, limestone and food production greenhouses, reported on http://www.spawhe.eu is essential to combat global warming and to prevent lung diseases. But international agreements are needed, so that the depuration partial and incomplete of air and water are banned as outdated techniques, setting expiration dates within which must be changed and linked to the global systems of protection. Today it may seem strange that many unknown environmental inventions are submitted in a public

competition, but do not be surprised, because, every invention hides always-new inventions. In this case it happened that the first inventions that spoke of plants covered for depurative treatment have not been taken by authorities and entrepreneurs because too different from current systems. The inventor, had to imagine running the previous inventions and develop virtually even later inventions. The result is revolutionary but is only the evolution of the industrial system which is not born. If current purifiers and current energy systems had had the same potential for growth of the proposed systems, have already grown up being born not virtually but physically more than a century, and having already developed all the innovations that were possible. Unfortunately, systems born with a traditional mindset, industrial systems cannot be applied without radically changing them. The current energy and purification plants have been wrong since the advent of the industrial age. Only by returning to the origin of the basic principles can one improve.

7. Explain how you will grow your idea in the future so that it can reach more people or be replicated by other people across Europe.

I confirm what I wrote in the previous point. For this reason I created the website http://www.spawhe.eu where all the industrial, environmental and energy solutions that are not realized by research institutions and multinationals are published. I believe that, in order to create sustainable development, it is necessary above all a correct and transparent scientific information. Which in the absence of economic means, can also be done by publishing logical reasoning based on the experience of those who have worked in industry and the environment for a lifetime. I think that especially young people must learn global scientific reasoning, which goes beyond single scientific and technological specializations. Today, above all, in hydraulic and hydroelectric plants, science makes correct hydraulic calculations, but realizes wrong plants not applying synergistically the basic principles legislated by the fathers of science.

8 What do you hope to learn from participating in the competition?

I hope to learn that in public bodies worldwide there are also people able to reason with their own heads. Because in eleven years of work as an inventor of sustainable depurative and energy solutions I have not even met one. I only collected silences and over three thousand six hundred silent contacts on Linkedin.