How do you address the challenge?

I see this project with the conviction that it will help others, especially those who are most in need. Infrastructures with the same size of 40-foot containers, 4 floors with land, in a total useful area of 120 square meters. The production of each unit is continuous and have availability of 15 liters of sweet potato soup with soybean daily, equivalent to about 50 doses of 0.3 liter, ready to eat in each unit.

They are easily profitable in developed countries and are designed to cover basic food needs in underdeveloped countries at a reduced or zero cost. It is a project with autonomy and economically feasible, which I believe to be an asset for the well-being of many people.

I face the challenge with optimism and determination and conviction in the positive result of its accomplishment.

More in [www.missionsave.altervista.org](http://www.missionsave.altervista.org/)

Describe how technology is essential to your solution:

Each unit has an automated system of:

• .Crop, irrigation, growth of sweet potatoes and soybeans. The sweet potato was chosen for its excellent nutritional characteristics, resistance to pests and for being the tuber that greater amount of energy produces in the same space. Soy for its excellent protein quite complete with amino acids essential to the human being.

• .Maintenance of irrigation, management of light and breathing.

•.Harvest.

• .Preparation of sweet potato soup with soy.

It is a project that needs to explore and utilize existing scientific resources, for example in the field of robotics, renewable energies, electronics, mechanics.

Robot, solar panels, leds, food processing system in confection of the final product and continuation of biological and technological research project.

Describe how manufacturing processes are critical to your solution

You need technicians to build the structure and assembly of the components. For the construction of the prototype is enough a pavilion and technical office. A factory with assembly lines is recommended for the construction of the replicas.

Short-term goals and long-term vision for the solution:

Achieve financing for the short-term prototype, estimated the full study and completion of its manufacture in 2 years.

In the long run make replicas, distribute in rich sites, with profits from them do more to distribute in poor places on the planet, where it will not be charged by the doses

How do you plan to deploy your solution?:

The machines will be placed in strategic locations in urban areas with the space equivalent to 2 car parking spaces and preferably in sunny locations. These spaces are rented to the competent authorities.

Current and future Solution impact (including solution scalability and social impact)

 At present hunger is a problem that is very present and around us, is everywhere.

In an immediate sense the autonomous agricultural production machine of sweet potatoes with soy has a social impact on the basis of being a new product, healthy, cheap and innovative in the way in which it is produced.

In fact sweet potato is rich in carbohydrates, vitamins and minerals, with the combination of soy, rich in proteins, it is intended to produce a nice flavored smoothie and with the essential properties for a quite complete meal.

Its main target audience is the more developed countries with greater economic capacity per capita.

Whatever is novelty raises curiosity, adding to it a product with good taste coupled with excellent food properties, I believe will have a positive impact on its initial marketing.

The construction of units to distribute in places where there are people who can not pay, will be made with the profits of the units distributed in rich countries.

Solution team skills

The team will still have to be formed because there are not enough funds to proceed with the project for the next step that will be to investigate some of the things still under study that need specialized personnel in some areas; namely: mechatronics, computer science and agronomy.

Solution revenue model

Units in rich countries will charge approximately € 3 a dose. Thus, each unit is expected to be paid in approximately 4 months. made with the profits of the units distributed in rich countries.

As you can see, the investment ratio is very good.

The profit of each machine in rich countries serves for the construction of 3 new machines per year to give to the most disadvantaged, being the main objective will be, not the profit, but the distribution, as equitable as possible, of basic food for the most needy.

Solution funding sources

Community funds or other sources are required for the development of the project.

Why would you like to apply for a partnership with us?

The reason I want to collaborate, has to do with the politics of your organization that I believe to be in harmony with the project that I present to you.

What are the barriers to the success of your solution?

The need to transport the units to more remote or problematic locations is the major obstacle to their distribution.

Explain what connections, partners and support you're looking for.

The most important support I seek is funding.

Partners who see the humanitarian importance of this project, where the return on investment is rapid given its effective nature.

I need connections to transporting port containers. Municipal chambers to authorize the placement of machines in urban locations.