

“BITS OF FUTURE: FOOD FOR ALL” PROJECT

HYST TECHNOLOGY

SOLUTIONS FOR FOOD SECURITY

RENEWABLE ENERGY AND

SUSTAINABLE MANAGEMENT OF NATURAL RESOURCES

SECOND AFRICA DRYLANDS WEEK

N'Djamena, Chad, 25th-29th August, 2014



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External Relations

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THE ORIGIN OF THE PROJECT

This Project stems from the desire of a group of people who strongly believe in the possibility of realizing a dream together.

This dream was born in the vision of a **philanthropic promoter, Mr. Danilo Speranza**. This dream, thanks to the perseverance of these people, led to the beginnings of a **new ethical scientifically advanced project**.

For more than 20 years this group funded industrial research in food and alternative energy fields, which led in 2009 to the patenting of the ***Hypercritical Separation Technology (Hyst)***.

The *Scienza per Amore* Association and the BioHyst company were thus founded with the aim of realizing a humanitarian project based on the applications of Hyst.



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SCIENZA PER AMORE ASSOCIATION

***Scienza per Amore* is a non-profit association** established in Rome on April 19, 2010 which comprises about 200 associates. **It is listed in the National Office for Research of the MIUR (Italian Ministry for Education, University and Research).**

Its purpose is to create projects that target the progress and wellbeing of all peoples through the use of science and new technologies devoted to the benefit of all humanity.

Hyst technology is completely owned by the funders, who are members of the *Scienza per Amore* Association.



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BIOHYST GROUP

BioHyst will follow all project implementation activities together with the African countries. The construction of Hyst units can also be funded via donation of systems from industrial buyers.

This strategy ensures the necessary resources for the construction of units to be allocated to developing countries free of charge on a long term basis.

However, it is possible to consider funding through the use of other financial sources providing they are in line with the mission of the *Scienza per Amore* Association.

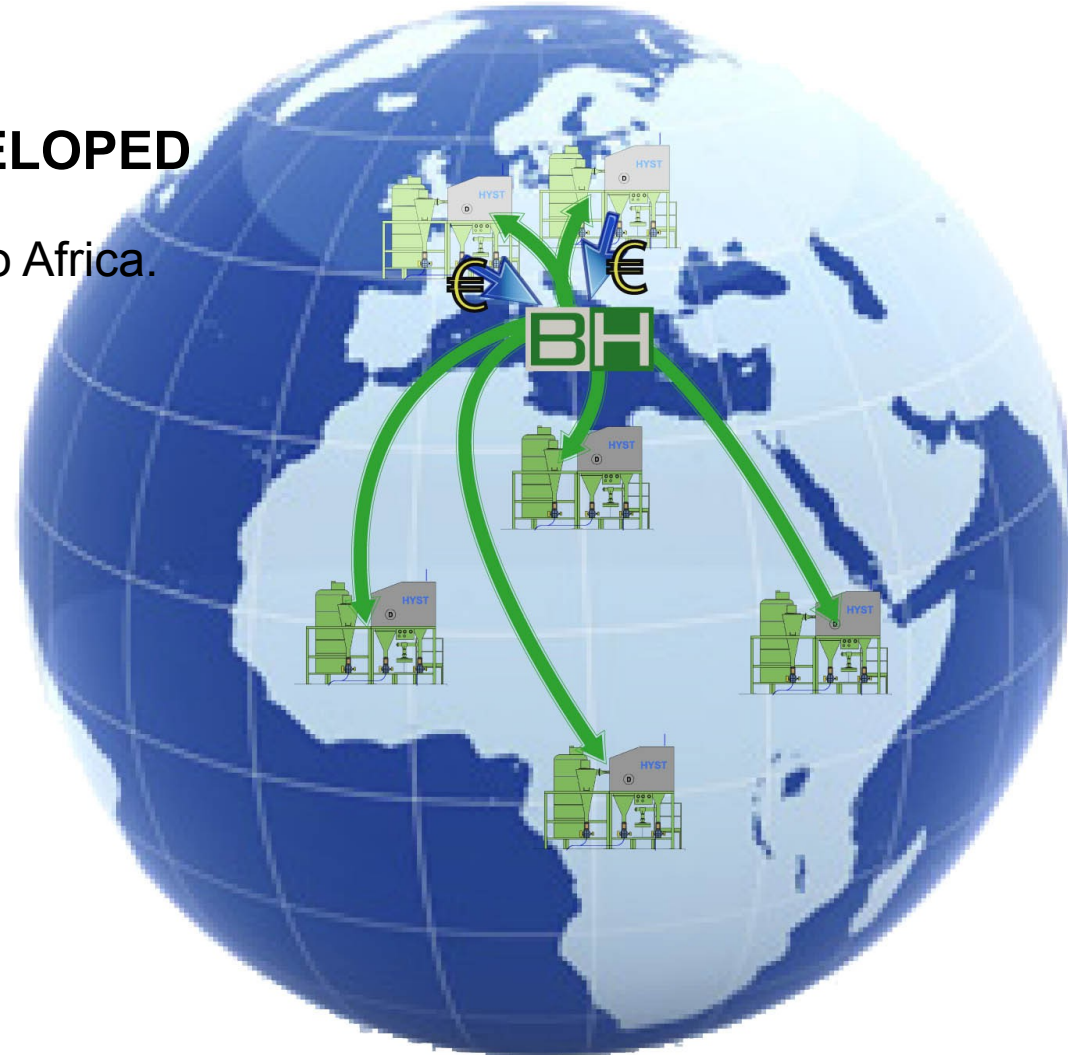


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DESIGN OF THE MODEL TO BE DEVELOPED

Hyst units will be given as **gratuitous loan** to Africa.

This is possible thanks to **financial resources deriving from commercial activities** related to the sale of Hyst units in **industrialized countries.**



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OBJECTIVES

The project aims to provide new technological means towards:

- **contributing to the growth and prosperity of concerned areas;**
- **making the best of local resources;**
- **achieving food security;**
- **increasing availability of renewable energy;**
- **protecting the environment and safeguarding biodiversity.**

All this is possible through Hyst, a technology able to use any agricultural waste or residue for the production of food and energy.

Hyst can produce edible flours, animal feed and energy.



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BIOHYST GROUP

BioHyst Group manages the Hyst technology and its use with the purpose to realize the project Bits of Future: Food for All.

BioHyst will finance the construction of such systems via the commercialization of Hyst units in industrialized countries.

BioHyst carries out also all the business and industrial activities inherent to Hyst technology, including the construction of Hyst units to be supplied to *Scienza per Amore* for the Bits of Future project.



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THE MEANS – HYST TECHNOLOGY

Hyst can be considered the first concrete industrialized example in the nutri-energetics sector: the dream of experts and professionals in search of new solutions and synergies for food and energy.

- Hyst is an **absolute innovation** in the international scientific scenario
- Hyst optimizes **use of natural resources** (especially agricultural and agro-industrial waste)
- Hyst produces **no negative impact**, no release of liquid or gaseous pollutants into the environment
- Hyst does **not use food crops** for energy purposes
- Hyst has achieved the objective of finding **sustainable models of economical and social development**
- Hyst process and Hyst components are **patented worldwide**

