



SCIENZA PER L'AMORE



## HYST TECHNOLOGY

### Bits of Future: food for all

#### POST-EVENT RELEASE ON OFFICIAL PRESENTATION OF HUMANITARIAN PROJECT

Rome 2<sup>nd</sup> March 2011  
Sheraton Golf 1 - Sala "Visconti"

Food for All. That is the purpose of the Scienza per l'Amore Association – an association that for years has been committed to financing the development of the HYST technology, invented by Eng. Umberto Manola.

March 2<sup>nd</sup> 2011 at the Sheraton Golf Hotel in Rome, *Bits of Future: food for all* was presented by Scienza per l'Amore. A humanitarian project that is aiming for food security and sustainable development in Africa by donating HYST plants and products derived from HYST processing.

"Indeed, with HYST technology products intended for human and animal consumption, as well as for industrial industries and the production of alternative energies, can be obtained from biomasses, even waste, with no environmental impact", explained Pierpaolo dell'Omo of the BIOHYST COMPANY. "The results obtained so far with European raw materials, such as by-products from milling industries and cereal straw, indicate that this technology is suitable for resolving issues related to food security and malnutrition".

Following these results, the project will proceed from experimentation on biomasses typical of African countries to installing in situ the first plants.

This venture has been organized in collaboration with the BIOHYST COMPANY which, on behalf of the Scienza per l'Amore Association, is following the project focused on resolving food scarcity in Africa. BIOHYST, also in charge of marketing these plants in developed countries, means to form strong links with the governmental representatives and international organizations engaged in development aid that were present at the event (Senegal, Burkina Faso, Ivory Coast, Somalia, Puntland, Ghana, Mozambique, IFAD, UNIDO) in order to promote the diffusion of this technology in African countries.

The meeting was opened by Alessandra Costa, General Director of BIOHYST. "The name we have given to this project symbolizes a potential, today present, that can change a dream into a concrete reality: using HYST technology to bring food to those who need it [...]. We shall continue to work with determination, patience and honesty". The General Director declared, "We believe that it is fundamental for business ventures to find a harmonious balance between fair profit, not focused solely on mere speculation, and the development of a true economy at the service of humanity. This innovation is already in itself our technology".

Alessandra Costa's opening declarations were followed by a presentation of the Scienza per l'Amore Association and a video illustrating how the HYST system works. "We hold that we are in need of a shift in ethics, guided by high "universal" values of solidarity, where resources – be they economical, scientific and technological – are also functional toward philanthropic actions", commented Francesca Luciani, the Association's representative. "Only science motivated by love for humanity can lead to true solutions. Hence the name of our association".

BIOHYST representatives gave clarifications concerning the impact of this technology on food security in Africa and explained the humanitarian project which is inherent to the food security issue.

"The characteristic of HYST processing is that of getting, for example from bran, a type of flour that



is not only suitable for human consumption but, I may say, quite exceptional: high in protein, high in zinc, iron and vitamins. Malnutrition is as serious a problem as famine itself. Improving access to vitamins and zinc could save over 680,000 children every year”, declared Pierpaolo dell’Omo, Research and Development BioHYST, “And with regard to animal husbandry, the types of fodder widely available in sub-Saharan Africa are enhanced by this processing, increasing digestibility and nutritional values”. “Our objective is to provide the country and its people with the tools to both process and produce on their own what is necessary for a dignified existence. To be free”, continued Daniele Lattanzi, Business Development Manager of BioHYST. “Transferring HYST plants is not a simple donation, it is ensuring that the people are at the same time, and totally autonomously, the producers as much as the consumers of their raw materials”.

Among the speakers, Mamoud Top, Second Secretary representing H.E. Papa Cheikh Saadibou Fall, Ambassador, Extraordinary and Plenipotentiary of the Republic of Senegal in Italy, permanent representative at FAO, IFAD and WFP, stated Senegal's role in relation to the *Bits of Future* project.

“This project can in the future contribute toward solving the problem of world hunger. Senegal can only be happy to have been chosen as a catalyst country. The Government will spare no effort to ensure the achievement of the project’s objective. I do believe that also the representatives of the other African countries present here today will not fail to refer to their own governments just how interesting this project is”.

The meeting ended with a speech by Dr. Vito Pignatelli, *Coordinator of Biomasses and Bioenergy Technologies ENEA, President of ITABIA*. (Italian Biomass Association).

“We are experiencing a historical moment where Italy is in the lead. It is our belief that finding and developing pretreatment technologies that allow us to produce second generation ethanol, without polluting and without taking anything from food resources, is of primary importance”.

The presence of research bodies, universities, companies and institutes such as ENEA, and associations such as ItalMopa, bear witness to the growing interest excited by HYST technology over the past year. This interest is due the wide range of industrial applications and the innovative aspect of the technology.

Before opening the debate session the Scienza per l’Amore Association announced that an International Organizing Committee had been formed “towards achieving the highest acknowledgment for Eng. Umberto Manola: the Nobel Prize”. Several ambassadors present in the Sala Visconti embraced this initiative with enthusiasm, all struck by the scope of the humanitarian project – *Bits of Future: food for all* – and gave their full support.

Barbara Carrubba  
mobile: 348 0621305  
External Relations BioHYST  
press@biohyst.com  
www.biohyst.com