



SCIENZA PER AMORE

UNIVERSITÀ DEGLI STUDI DELLA TUSCIA

CONFERENCE

**HYST TECHNOLOGY:
NEW PERSPECTIVES FOR THE USE OF AGRICULTURAL RESOURCES**

VITERBO, MAY 24, 2012 - H 10.00 -14.00

CEFAS, VIALE TRIESTE 127 - VITERBO

On 24 May 2012, the University of Tuscia, CEFAS and the *Scienza Per Amore* Association, in collaboration with BioHyst, are organizing the conference: "*HYST Technology: new perspectives for the use of agricultural resources.*"

HYST technology (Patent Application WO 2011/061595A1) is a system for processing biomass: exclusively through physical action "disaggregating" plant structures through repeated stages of high speed impacts between the fragments of the processed material. A system that is simple, low-cost, with no environmental impact; an alternative to common processes that modify material via chemical or thermochemical procedures. The results obtained so far give reason to believe that HYST may be a solution for the valorization of numerous types of biomass, including waste and by-products, in order to balance food and energy needs.

Using the same biomass for multiple purposes is the key concept: a resource for food, energy, chemistry, pharmacopoeia.

This technology was the subject of a conference held on 23 February 2012 at the Rome 1 CNR Centre (National Research Council) http://www.scienzaperamore.it/allegati/meeting_proceedings_CNR.pdf

In addition, on 4 May 2012 at the European Flour Millers Congress organised by Italmopa, Dr. Vito Pignatelli, Coordinator Biomass and Bioenergy Technologies (ENEA) presented HYST technology as an example of advanced Italian technology in the use of cereal straw for energy purposes.

HYST was born within a humanitarian project, now called *Bits of Future: Food for All*, sponsored by the *Scienza Per Amore* Association. The aim of this project is to support the growth of developing countries by optimizing, through HYST, the use of local resources to fight hunger, poverty and energy shortages. In this context, the Conference would like to represent a moment of meeting and dialogue between researchers, socio-economic entities and industry, for a discussion of the results obtained and to chart new paths of research and development.

Please confirm your attendance for registration purposes.

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