ENERGY *AND* FOOD COMMUNITIES

A sustainable program

AiCARR
Cultura e Tecnica per Energia Uomo e Ambiente

BUREAU VERITAS

Fondazione Triulza

Cultural Programm of Civil Society Pavillon

Civil Society Pavilion
CASCINA TRIULZA
EXPO MILANO 2015

EXPO MILANO 2015 TICKET IS REQUIRED TO ATTEND WORKSHOP

SUGGESTED ENTRY GATES:

OVEST TRIULZA AND FIORENZA

OFFICIAL LANGUAGES OF THE WORKSHOP ARE ITALIAN AND ENGLISH. **SIMULTANEOUS TRASLATION IS NOT PROVIDED.**

ENDORSEMENT BY

ASHRAE

ENEA
Agenzia nazionale per le nuove tecnologie, l'energia e lo sviluppo economico sostenibile

CIB
ITALIANO BIOGAS

ONU EXPO MILANO 2015

REHVA
Federation of European Heating, Ventilation and Air Conditioning Associations

ENERGY *AND* FOOD COMMUNITIES: A SUSTAINABLE PROGRAM

An international workshop

EXPO MILANO 2015—Civil Society Pavillon—Cascina Triulza Auditorium

June 11, 2015, 10,30 a.m.— 5,00 p.m.

AiCARR, Bureau Veritas and Fondazione Triulza aim to organize an international workshop to exchange experiences and ideas by researchers, scholars and professionals from around the world.

Papers are entrusted to sector organizations and aim to provide tools for a debate by Stakeholder and experts called to give their comments and suggestions.

In a world in continuous and rapid change, the properties of a system to ensure conditions of sustainability in the medium and long run, as well as its capacity to increase its value in his whole Life Cycle in spite of significant threats (*resilience concept*), matches very well in the theme ***Feeding the Planet, Energy for Life*** and in particular the complex relationship between ***Energy and Food***, that will be crucial in the future.

EXPO MILANO 2015 creates the opportunity for discussion on a sustainable relationship between energy and agriculture, to be included in new guidelines in national and European agricultural policies.

The principles on how to develop a series of proposals in the legislative, regulatory and institutional framework are:

- **the food and energy supremacy of the territory**
- **the enhancement of the agricultural system and CO_2 emission reduction, and**
- **biofuels and waste traceability and supply chain certification**

Developing these topics in a strategic key and considering them as opportunity to analyze the relationship between energy and agriculture, is a multi-disciplinary way to address the issue of environmental, social and economic sustainability in a regional scale.

Life on the planet must ensure ways to guarantee everyone access to food and energy, without damaging individuals and with environment respect and proper economic conditions: this results in a faster transition to direct forms of clean energy, transport services and production of food and energy made through democratic participation in decisions by the population of that territory.

A number of key initiatives to be undertaken on key areas (for example: the proposal of a network Valuation of farms, the establishment of a Study Centre for Agricultural Areas, etc.) must be identified:

Experts have been asked to draw the state of the art of their field in order to leave a tool for future strategies as a legacy to EXPO MILANO 2015.

The publication will be distributed to attendees:

ENERGY and FOOD Communities: a sustainable program

1. Objectives
2. Small scale production enhancement
3. Energy problems in food industry, focusing on grocery stores and refrigerated ware-house: an international overview
4. Food production systems
5. Food vs energy, conflict or integration
6. Energy efficiency for an innovative and sustainable agricolture system
7. Energy efficiency for food conservation industry
8. Energy generation from agricultural biomass—An overall picture
9. Food chain certification: from content to container

ENERGY *AND* FOOD COMMUNITIES

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Milan
June 11, 2015, 10,30 a.m.

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CASCINA TRIULZA
EXPO MILANO 2015

PRELIMINARY PROGRAM

Morning Session:

10.30 Registration

11.00 **Opening Session and Greetings**
* Maurizio Martina, Minister, *Ministero delle Politiche Agricole*

Chair: Livio de Santoli, *AiCARR President*

11.15 **"ENERGY-SMART" Food for people and climate**
Caterina Batello, *FAO—Food and Agricolture Organization of the United Nations*

11.35 **Food production systems**
Stefano Masini, *Area Ambiente e Territorio Coldiretti, Roma*

11.55 **Legislative policy for CO_2 emission reduction in agricolture field**
Michele A. Fino, *Slow Food, Università di Scienze Gastronomiche, Pollenzo, Bra (Cn)*

12.15 **Energy problems in food industry: an international overview**
Thomas Phoenix, *ASHRAE President (American Society of Heating, Refrigerating and Air-Conditioning Engineers), Atlanta, U.S.A.*

12.35 **Debate: A guide for *Energy and Food Communities***

Chair: Prof. Livio de Santoli, *AiCARR President*
With participation of Fondazione Triulza, Bureau Veritas and sector experts

End of session and visit to Cascina Triulza, the only building inside EXPO MILANO 2015 under LEED Certification (LEED ITALIA New Construction), by Bureau Veritas and Fondazione Triulza

14.30 **Afternoon Session**
Chair: Marco Mari, *Bureau Veritas Italia S.p.A.*

14.40 **Cascina Triulza: a rural farmhouse as a case of excellence for sustainable restoration**
Gloria Zavatta, *EXPO 2015 S.p.A.*

14.55 **Renewable energy and agricolture**
Marino Berton, AIEL Associazione Italiana Energie agroforestali

15.10 **Energy efficiency for innovation and sustainable agricolture system**
Carlo Alberto Campiotti, ENEA—UTEE - Unità Tecnica Efficienza Energetica, Centro ENEA Casaccia (Roma)

15.25 **Energy efficiency for food conservation industry**
Giovanni Cortella, *AiCARR, Università di Udine*

15.40 **Food chain certification: from content to container, a commitment to sustainability in excellent supply chains**
Roberta Prati, *Bureau Veritas Italia S.p.A.*

15.55 **Energy generation from agricultural biomass**
Antonio Nicola Negri, *GSE S.p.A., Gestore dei Servizi Energetici , Roma*

16.10 **Biofuels: the European target**
Lorenzo Maggioni, *CIB, Centro Italiano Biogas, Cascina Codazza, Lodi*

16.25 **Debate, end of works**

CONFERENCE PAPERS
Participants can download of workshop paper from AiCARR website *www.aicarr.org* few days after the conference.

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