ENERGY AND FOOD COMMUNITIES: A SUSTAINABLE PROGRAM
An international workshop
EXPO MILANO 2015—Civil Society Pavilion—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 \( \text{CO}_2 \) 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 agriculture 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

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

**SUGGESTED ENTRY GATES:**

- OVEST TRIULZA AND FIORENZA

**EXPO MILANO 2015 TICKET IS REQUIRED TO ATTEND WORKSHOP**

**ENDORSEMENT BY**

- ASHRAE
- ENEA
- CIB
- REHVA

**OFFICIAL ENDORSEMENT BY**

- ONU EXPO MILANO 2015

**AiCARR** - Via Melchiorre Gioia 168, 20125 Milano - Tel. 02 67479270 - info@aicarr.org - www.aicarr.org
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 Agriculture Organization of the United Nations

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

11.55 Legislative policy for CO2 emission reduction in agriculture 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 agriculture
   Marino Berton, AIEL Associazione Italiana Energie agroforestali

15.10 Energy efficiency for innovation and sustainable agriculture 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

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 workshop paper from AiCARR website www.aicarr.org few days after the conference.

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