

## MORE PROJECT

The main objective of the IEE MORE Project is to generate renewable energy using solid residues of olive oil production. The project involves 5 European countries: Italy, Croatia, Greece, Slovenia and Spain, by means of a partnership made up by the project leader - ARE Liguria (Liguria region's energy agency), Unioncamere Liguria (the regional association of the four Ligurian Chambers of Commerce) (IT), IPTPO (the Institute of Agriculture and Tourism) (HR); Anatoliki SA-Regional Energy Agency of Central Macedonia (REACM)(GR); UPZRS (the Science and Research Centre in Koper) (SL); AGENER (the Agency for Energy Management of the Province of Jaen) (ES).

**Running from November 2007 to April 2010, the project MORE aims to:**

- Identify different methodologies to generate renewable energy using solid olive residues;
- Assess the various practical energy solutions in terms of technology, financial sustainability and management procedures and elaborate business plans in order to satisfy the different European production needs;
- Involve public and private stakeholders to develop the local markets and create distribution channels;
- Carry out educational and promotional activities;
- Define a methodology for replication in other European regions.

For more information: [www.moreintelligentenergy.eu](http://www.moreintelligentenergy.eu)



## MORE ACTIVITIES

**4<sup>th</sup> MORE Steering Committee meeting: 6<sup>th</sup>-7<sup>th</sup> April 2009 Koper (Slovenia)**

MORE partners will meet in Koper early April for their 4<sup>th</sup> Steering Committee. In this context they will define a detailed workprogramme for the **following activities: preparation of business plants for energy facilities running with solid olive residues in each partner region**; organization of the national Field Trips (please read below); MORE participation to international events and project management.

**Field Trip – Italy, Liguria/Tuscany – may 2009**

According to project activities, ARE LIGURIA and Unioncamere Liguria will organize next May a field trip for olive millers in two Italian regions – namely – Lazio and Liguria – in order to show them concrete examples of installations allowing other olive millers to use olive oil production's waste as source of energy.

The olive millers invited to take part to the field trip will be representative of Slovenia and Croatia as well, since these countries do not have a **significant best practices to show**. The event will be attended by journalists who are expert in energy efficiency and agrofood.



#### MORE FEEDBACK

**The project partners have produced a SWOT Analysis focused on the use of solid olive oil residues in their countries.**

**The main evidences are:**

#### *Strengths*

- Pomace is a reliable, renewable, relatively inexpensive and readily available potential energy source of high calorific value
- Sustainable disposal of olive solid residues
- Available know-how on energy exploitation of olive residues
- Positive attitude of key market actors towards adequate olive residues management

#### *Weaknesses*

- Incentives and legislations are needed in order to overcome barriers
- Lack of administrative support and dissemination efforts.
- Cost of technology
- Small unconsolidated olive mills units

#### *Opportunities*

- Technology for pomace exploitation is mature and is already being implemented in some scale (in Spain primarily, in Italy and Greece are rising) while in Slovenia and Croatia residues are still not fully exploited
- Pomace is a suitable replacement of fossil fuels and a promising source for the creation of new job opportunities
- Green certificates for electricity generation can be made available
- Trend of other fossil fuels cost
- Creation of olive-residues-to-energy supply chains could be the optimal solution for olive residues management

#### *Threats*

- Because of different olive treatment procedures pomace is not a homogeneous subproduct in all regions, therefore a standardized exploitation methodology can not be implemented
- Potential pollution deriving from pomace pellet combustion
- Unpredictable weather (and other) conditions affecting annual production of pomace



#### MORE HIGHLIGHTS

### Renewable Energy Sources & Rational Use of Energy in Slovenia until 2030

Slovenian Biomass Association (SLOBIOM) and other Slovenian stakeholders decided to establish »RES and RUE for Slovenia until 2030« council with the aim to organize an annual conference which will be focused on development goals and novelties in the area of energy and on opportunities and barriers in the process of implementation of RES and RUE in Slovenia.

In this perspective the second conference on RES & RUE in Slovenia took place in Ljubljana on 12th March 2009. First section of the conference was dedicated to present instruments of economic, energy and environmental policy run by Slovenian government and ministries and to present planned future changes that will enable accelerated implementation of RES and RUE in Slovenia. In second section representatives of RTOs, enterprises, local communities and other stakeholders in energy sector presented achievements and barriers that set conditions in crossing to use RES. National conference was organized and supported by several organizations, ministries, SMEs and IEE projects, among them also by M.O.R.E. project.

Since 2001 association SLOBIOM organizes also annual international conferences for SE Europe. This year's international conference will take place in Ljubljana on 15th and 16th October. Strategic orientation of EU is to be world leading society in the field of reducing greenhouse gas emissions and implementing RES and RUE. RES sector is becoming one of the most advanced EU industry sectors, therefore development of RES technologies is also a big challenge for Slovenia.

### Energethica, Genoa (Italy) 5-7 March 2009

At the 4<sup>th</sup> edition of Energethica, the Fair dedicated to energy efficiency and renewables, MORE has been presented by ARE Liguria at the final conference of another IEE project called "RENEWED" on the establishment of bioenergy districts. This intervention has generated interesting contacts and synergies between the two projects.

IPTPO, MORE Croatian partner, has recently submitted a **scientific abstract** entitled "Olive residues – Renewable source of Energy" to International Congress "Management of Technology – Step to Sustainable Production" that will be held in Šibenik (Croatia) on June 10-12, 2009.

The abstract has been accepted and the paper (with results of MORE SWOT analyses for Croatia) will be presented in the Section "Renewable Energy Sources".

More information on the Congress can be found at: <http://motsp2009.info/>



## MORE FORTHCOMING EVENTS

### **SOL Verona, Italy – 2-6 April 2009**

ARE Liguria and Unioncamere Liguria will take part to this exhibition and will reserve an area to MORE Project within the stand foreseen by Regione Liguria and Unioncamere Liguria.

To know more about the event, please visit <http://194.177.100.51/sol/index.asp>

### **Bioptima, Jaen – Spain – 25/27 March 2009**

AGENER, the MORE Spanish partner is one of the organizers of Bióptima.

The 2009 edition is focused on three main subject areas: Biomass, Energy Efficiency and Sustainable Mobility, and the conference and exhibition programme includes:

- The Biomass Exhibition (Salon de la biomass)
- The Europe Connects Workshop (Workshop Europa Connecta)
- First Andalusian Forum on Sustainable Mobility (1er Foro Andaluz sobre la Movilidad Sostenible)

To know more about it, visit the website <http://www.bioptima.es/bio2009eng/contenidos.php?secc=1011>

### **17th European Biomass Conference & Exhibition - 29 June/2 July 2009, Hamburg**

The objective of the "17th European Biomass Conference & Exhibition" is to act as a catalyst for the sustainable advancement of biomass utilization on a global scale. It addresses not only 'Bio-energy' but all fields of Biomass - from Biomass Resources to Biomass Conversion, Fuels from Biomass, Market, Policies and Sustainability. The Event is supported by the European Commission, the German Federal Ministry for the Environment, Nature Conservation and Nuclear Safety, the World Council for Renewable Energy (WCRE), the European Biomass Industry Association (EUBIA) and further organizations.

For more information, please refer to: <http://p30322.typo3server.info/Welcome.249.0.html>


### **Sustainable Bioenergy 2009 - 1-2 April 2009, London, UK**

All the new trends in the bioenergy markets – solutions to the food vs. fuel debate, "next generation" biofuels, biomass for power generation, development of biorefineries – and how they are influencing investment decisions in Europe.

To know more about it:

<http://www.environmental-finance.com/conferences/2009/SustBio09/programme.htm>



**Intelligent Energy**  **Europe**

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