

# PROBIO News

**INTEGRATED PROMOTION OF THE BIODIESEL CHAIN**

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First Semester 2009

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## PROMOTING THE USE OF BIODIESEL IN OUR REGION

Due to the high external energy dependence, the economic problems associated with conventional energy sources and environmental problems associated with the generation and consumption of energy, from the county council are considered to require some urgent commitments from public governments, private sector and citizens in general. In particular, transport is one of the sectors hardest hit by the current uncertainty of energy.

PROBIO had a budget of € 965,121 of which 50 % has been funded by the European Commission. Burgos Provincial Energy has coordinated and directed this project in three countries, for which has relied with the collaboration of Spanish institutions such as Provincial Council of Huelva, Avila Energy Agency, CEEI Burgos as local partner, Italian institutions (Regional Government of Abruzzo and University of Teramo) and Slovene institutions (Sinergija Development Agency and University of Maribor) as international partners.

Along the Project, several actions have been carried out:

- \*Courses aimed to farmer to promote energy crops with more than 300 attendants.
- \*The creation of a biodiesel and transport exhibition with more than 45.000 attendants.
- \*In-depth studies of biodiesel in the five participant regions.
- \*Ten biodiesel stations have been established in the framework of PROBIO.
- \*More than 1.500 biodiesel point cards have been put on the market.
- \*Collection of Waste oil to be used as biodiesel.

Thus, if we promote the use of biodiesel among citizens of different regions, we will give a boost to our environmental policies, we will reduce pollution of our environment and our external energy dependence, we will promote a product that represents an alternative for rural development, we will offer to all citizens a safe and clean alternative to fossil fuels and the conditions of transport and mobility of our municipalities will be improved.

D. Ángel Guerra García  
 Presidente de la Agencia  
 Provincial de la Energía de Burgos



### ACTIONS CARRIED OUT DURING THE FIFTH SEMESTER OF THE PROJECT

#### THE USE OF USED OIL AS AN ENERGY SOURCE IN SLOVENIA

RA SINERGIJA together with Saubermacher & Komunala has implemented a special Award competition (point card system) intended to the collection of wasted oil (to be used in biodiesel plants) in the Pomurje region. The name of this Award competition was: WASTED OIL IS A USUFULL WASTE!



Many specialized containers have been distributed through the housekeepings in the Pomurje region, actually we have engaged 5 neighborhoods (Martjanci, Dokležovje, Beltinci, Gornji Črnci and Motvarjevci) and motivated the housekeepings to collect wasted oil from their households. For one liter of wasted oil the citizens received 1 "sunflower point" in their own point card and if they collect 5 liters of wasted oils (5 "sunflower points") they were awarded with 1 liter of vegetable oil from RA Sinergija. The main Award is a bicycle as environment friendly mobility transport.. The winners of the Award competition have been published in June 2009 on the web page of RA SINERGIJA: [www.ra-sinergija.si](http://www.ra-sinergija.si) and on the project webpage: [www.probio-project.com](http://www.probio-project.com)

#### AGENBUR SELECTED AS THE PRIZE WINNER OF THE ENVIRONMENTAL AWARDS ECCOINNOVA 2009



Burgos Provincial Energy Agency has been awarded with one of the prestigious prizes Ecoinnova 2009, for the PROBIO Project because it promotes the development of biodiesel in the province of Burgos, Creating a local market structure more cohesive and integrated in the supply chain, aligning the objectives of producers, distributors and consumers. The prize has been collected in Valladolid on 29th April.



#### THE DIPUTACIÓN PROVINCIAL DE HUELVA ORGANIZE A 2ND EDITION OF THE COURSE ON ENERGY CROPS

The area of renewable energy of Huelva Provincial Council, Diputación Provincial de Huelva, within the actions of the European Project PROBIO, has organized on February 5 the course entitled "Energy crops: Biofuels y biomass", taught at the Agroforestral School Farm, belonging to Excm. Diputación Provincial de Huelva.



#### CONTEST ENERGIOCHI IN ITALY WITHIN PROBIO FRAMEWORK

Abruzzo organized, among its educative centers, a contest to promote energy efficiency, biodiesel y other renewable energies. More than 10.000 scholars, with ages between 3 and 18 years, have been involved in this contest, even those currently living in tents.

The contest was to depict the most important energy issues of our planet through poetry, music, short films ...

The contest information can be found in the web page <http://energiocchi.regione.abruzzo.it/index.asp>

**ACTIONS CARRIED OUT DURING THE FIFTH SEMESTER OF THE PROJECT**

**SALE OF BIODIESEL IS INCREASED OVER 50% IN AVILA**



The sale of biodiesel has been increase over 50% in the last two years in the province of Ávila, although in absolute terms it still represents a very low percentage in the total fuel sold, as well as in national level, However, knowledge of the biodiesel and its benefits is growing among the population of Avila

**FARMERS FROM AVILA ABULENSES VISIT A BIODIESEL PLANT**

On March 27th, a large group of farmers, representatives of agricultural cooperatives and agricultural unions in the province of Avila, accompanied by the provincial deputies Ignacio Burgos and José M<sup>a</sup> García Tiemblo, responsible for the areas of European Affairs and the Environment, visited the Pisuegra Biocom facilities, in the town of Castrojeriz (Burgos), dedicated to the production of biodiesel. The plant is owed by the agricultural cooperative Odarpi.

The visit had been organized by Avila Provincial Energy Agency, within the framework of PROBIO The visit had as main objective the first-hand knowledge of the Project.

The manager of this plant was commissioned to show the audience the different phases of the production process, for which is to be used sunflower seed, rapeseed and soybeans, from the energy of its own partners as raw material. The plant has a production capacity of 10,000 tons of biodiesel per year and the use of the final product is the sale to wholesale distributors and service stations which dispense biodiesel.

This visit is intended to complete actions in Avila and aim to farmers, since had been previously developed two courses on energy crops.



## CURRENT EVENTS

### *BURGOS: The first Bioethanol Station of Castilla y Leon is launched*

During the month of May was made the introduction of the first bioethanol plant in Castilla y Leon in the service station Las Arenas Ctra Madrid-Irún Km 247 in Burgos. The event has attended D. Jose Vicente Orden Vígara, Prsident of Burgos Council. During the presentation the marks of Flexifuel cars, Volvo, Saab, Renault y Ford could be seen.

These renewable fuels are of great importance in energy development in our provinces and regions as well as an indigenous alternative to fossil-fuels.

Bioethanol can be issued in dosages of 5%, 10% and 85%. For these dosages flexifuels vehicles are need to be used. These vehicles can be refueled with bio-ethanol to this concentration due to an intelligent system that allows the engine to distinguish the concentration.



### *BURGOS: FINAL MEETING PROBIO*

During the 9th and 10th of June, took place at the Palace of the Hon. Diputación de Burgos, the final meeting of PROBIO project. The meeting was attended by representatives of the eight partners of the project.

The most representative factors, lesson learns and difficulties, along this two and a half years-long-project, with which each partner has been came up, were discussed. This will serve as a starting point for developing a final report to be submitted to the European Commission

The main conclusion of the meeting was the success of the Project in every region, since the main goals have been achieved.



The meeting provided a briefing to the media, moderate by D. Jose Vicente Orden Vígara, with the participation of all partners

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