



## REFERTIL Project. 1<sup>st</sup> Regional WORKSHOP in Spain

Reducing mineral fertilisers and chemicals use in agriculture by recycling treated organic waste as compost and bio-char products

Date: SEPTEMBER, 2<sup>nd</sup> 2013.

Time: 9:00 a.m. to 13:00 p.m.

Place: Hotel NH Central Convenciones , Seville (Spain)

**Organized by:** BIOMASA del GUADALQUIVIR S.A.  
**Together with:** II Congreso IBEMPA (ALAR + SEFIN)



### REFERTIL Project

**REFERTIL project** – “Reducing mineral fertilisers and chemicals use in agriculture by recycling treated organic waste as compost and bio-char products”, is a project funded by SEVENTH FRAMEWORK PROGRAMME (FP7) for Research and Technological Development in European Union. It aims to improve and promote advanced treatment systems for bio-waste, with an effective nutrient recovery and towards zero emissions. This involves the production of compost and biochar (natural fertilizer) in a safer, economical, ecological and standardized way for its use by farmers.

### First Regional Workshop in Spain

Intensive farming practices and human activities have disturbed the natural cycles of nitrogen and phosphorus. Currently, industrial agriculture relies on continual inputs of phosphorus, which is non-renewable, and nitrogen. So, there is a strong need to increase the sustainability and close the nutrients loop’s in agriculture. In this context, reducing the use of mineral fertilisers and chemicals in agriculture are key priority objectives that can be achieved by recycling and reusing treated organic waste as compost and biochar products. The purpose of this Workshop is to present the REFERTIL results in Month 24 in terms of input materials, composting technology and the compost, as well as the review of the main support policies to the compost.

### To whom is addressed

The Workshop is addressed to Administration environmental parties, Universities and Research centers, Composting and recycling companies, Farmers and agricultural Cooperatives that want to share their experience to improve agricultural practices and management of bio-waste.

### REFERTIL partners



## **PROGRAM. REFERTIL First Regional Workshop**

- 8.30-9.00 Registration
- 9.15-9.30 Opening and Welcome.
- 9.30-10.15 REFERTIL Project Presentation and results at Month 24  
*Inmaculada González Granados. Biomasa del Guadalquivir*
- 10.15-11.00 Quality of Bio-Waste and Compost: REFERTIL results  
*Belén Estrada. Biomasa del Guadalquivir.*
- 11.00-11.15 Coffee break
- 11.15-12.00 Future of compost (Waste Framework, End of Waste and Fertilizer Reg)  
*Rafael García García. Biomasa del Guadalquivir.*
- 12.00-13.00 Discussion about Bio-Waste and Composting
- Companies participant in the “Composting Survey of REFERTIL”
  - FERTIPLUS project. [www.fertiplus.eu](http://www.fertiplus.eu)
  - SCOW project. [www.biowaste-scow.eu](http://www.biowaste-scow.eu)
  - Composting of alperujos in Andalusia. *José M<sup>a</sup> Alvarez de la Puente.*
- 13.00 Conclusions and closing

### **Register**

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E.mail to: [igonzalez@bpeninsular.com](mailto:igonzalez@bpeninsular.com) indicating Name, I.D. and Company / Organisation  
Free access. Please, confirm your attendance to the workshop as soon as possible.

### **More information**

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[www.refertil.info](http://www.refertil.info)  
[www.bpeninsular.com](http://www.bpeninsular.com)

Workshop presentations will be available in pdf on the listed websites after the event.