



*Innovative fully biodegradable mulching films & fruit protection bags for sustainable agricultural practices (LIFE14 ENV/ES/000486)*

## **LIFE MULTIBIOSOL PROJECT - WORKSHOP**

**WHEN:** November 23<sup>rd</sup>, 2017

**WHERE:** Laboratori ARCHA Srl

Via di Tegulaia 10/A

56121, Ospedaletto

Pisa, Italy

### **Agenda**

**9.00 Reception of guests**

**9.30 Welcome** Massimiliano Franceschi (ARCHA, Pisa)

#### *Packaging & bioplastic*

**9:45 MULTIBIOSOL Life project introduction: an overview.**  
Sven Kallen (TRANSFER, Barcelona)/Carolina Penalva (AITIIP, Zaragoza)

**10:10 “High performance biomass extracted functional hybrid polymer coatings for packaging”.**  
Francesca Braca (ARCHA, Pisa)

**10.30 “Eco-sustainable production of polyhydroxyalkanoates (PHAs) and their uses in wide range of applications”.**  
Pietro Carlozzi (CNR, Firenze), Maurizia Seggiani (Dept. of Industrial and Civil Engineering, University of Pisa)

#### *Waste recovery & valorisation*

**10:50 “Extracellular biopolymers from granular sludge originating from wastewater treatment systems”**  
Tommaso Lotti (Department of Civil and Environmental Engineering, Politecnico di Milano)

**11.10 – 11:40 Coffee Break**

**11:40** “Agri & food waste valorisation for new high added value applications”.  
Patrizia Cinelli (IPCF-CNR, Pisa)

**12:00** "Life BiocopacPlus: sustainable bio-lacquer for food cans from tomato peels".  
Angela Montanari (SSICA, Parma)

**12:20** “Legumes waste valorisation from food industry for the production of green materials”  
Simona Bronco (IPCF-CNR, Pisa)

**12:50** “New Tanning Agents from Biomasses”.  
A. M. Raspolti Galletti (Dept. of Chemistry and Ind. Chemistry, University of Pisa) and Valerio Talarico (Po.Te.Co, Santa Croce sull’Arno, Pisa)

**13.10 – 14:30 Lunch**

**14:30** “New Tannery Chemicals from Olive Mill Wastewater”  
Massimiliano Franceschi (ARCHA, Pisa)

**14:50** A further step for the Life Project BIOSUR: biosulphur recovery implementation.  
Francesco Spennati (PhD, University of Florence)

 *Sustainable solutions and application*

**15:10** “Science and Technology Park as partner in projects of agro-food industry and environmental sustainability”  
Sandra Ortega (Aula Dei Science & Technology Park, PCTAD, Zaragoza, Spain)

**15:30** “Sustainable techno-economic solutions for the agricultural value chain”  
Maria Cristina Righetti (CNR-IPCF, Pisa)

**15:50** "Circular Economy: Exploitation of low cost - high value fruit and vegetable by-products and other low impact agricultural strategies".  
Diego Redondo (Estación Experimental de Aula Dei, CSIC, Zaragoza)

**15.50 Final discussion and closure**

**16:30** Laboratory tour

*Scientific sections indicatively 15-20 minutes each presentation, with discussion.*