



Thursday 5 November  
EU-India PARTNERING EVENT

*Theme: Life sciences, biotechnology and  
biochemistry for sustainable  
non-food products and processes*

VINCENZO ZONNO  
UNIVERSITY OF SALENTO  
LECCE, ITALY

A joint event organized by



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# RESEARCH CENTRE



*Life sciences, Life sciences, Life sciences, Life sciences*

## Marine Aquaculture and Fisheries Research Centred



- Technology for effluent treatment and waste reuse
- Biology and genetics of new fish species for aquaculture
- Sea food safety and quality monitoring
- Physiology of fish gastrointestinal tract
- Search for alternative raw materials
- Development of recirculation technology
- Cryo-biology and fish gamete cryopreservation
- Development of animal welfare indicators
- Marine fish stocks assessment
- Models for integrated management of coastal zones

### **Coordinator**

FP6 Collective research **AQUAETREAT**

FP6 Coordination Action **AQUAGRIS**

FP7 Marie-Curie IRSES **PASSA**

**TECNOSEA** – Academic Spin-off

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# PROJECT IDEA



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## **Biotechnological Application in wastewater treatment for the Prevention of Pollution and Bioremediation in Intensive Aquaculture (Acronym AQUAETREAT Biotech)**

### **KEY OBJECTIVE**

**To make innovative improvement in the aquaculture effluent treatment systems through the application of novel biotechnological solutions**

### **EXPECTED OUTPUT**

**Development of a comprehensive integrated bioremediation technological package for water use optimisation and waste re-use and valorisation**

**promoting sustainable aquaculture industry**

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# PARTNER SOUGHT



*Life sciences, Life sciences, Life sciences, Life sciences*

## **RESEARCH INSTITUTION:**

- **Integrated wastewater treatment**
- **Mathematical and computer model for the treatment system**
- **Aquaculture**
- **Cost analysis and socio-economic impact**

## **RESEARCH INSTITUTION:**

- **Development of nano-catalyst**

## **SME:**

**Shrimp farm for demonstration activity**

## **SME:**

**Biotechnology company with interest in the exploitation of results**

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# CONTACT DETAILS



*Life sciences, Life sciences, Life sciences, Life sciences*

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