



**greener**

*SAVE THE DATE*

*3rd April 2019*

*International Workshop  
in Environmental Biotechnology:  
Towards a GREENER world*

*University of Burgos*

*I+D+i Building  
Plaza Misael  
Bañuelos s/n  
Burgos  
SPAIN*

*Lead organizers*

*Dr. Carlos Rad (UBU)  
Dr. Rocío Barros (UBU)  
Dr. Juan Antonio Tamayo (UBU)  
Dr. Andreas Gondikas (AXIA)  
Dr. Mark Walker (EXERGY)  
Dr. Robert Stirling (EXERGY)*



## Timetable

### 09:00: GREENER Project: Integrated Systems for Effective Environmental Remediation

Mark Walker (Exergy), Rocío Barros (UBU)

### 09:20: Session I. SOIL MICROBIAL ECOLOGY and ECOTOXICOLOGY

Advanced perspectives in the study of microbial diversity and functionality of soils.

Felipe Bastida (CEBAS-CSIC)

### Omics applications from INBIOTEC

Carlos Barreiro (INBIOTEC)

### Ecotoxicological risk assessment of contaminants in the Tagus River basin

Andreu Rico (IMDEA)

11:00: Coffee Break

### 11:30: Session II: CASE STUDIES

#### SoSeal Technology: Soil Sealing by a Natural Based Bioengineered Solution

Patrick Jacobs (TAUW GmbH)

### Sustainable Site Development: Challenges and opportunities

Alfredo Pérez de Mora (TAUW GmbH)

### Case study of bioremediation processes of heavy metal-polluted soils

Engracia Madejón (IRNAS-CSIC)

### Environmental forensics in megasites affected by inorganic and organic pollution: An effective tool for real-scale remediation

José Luis Gallego (University of Oviedo)

### Biodegradation of biphenyl and biphenyl ether in soil and groundwater

Cynthia Alcántara Pollo (KEPLER)

### Soil and Water Bioremediation experience in China case studies

Ecology Institute of Shandong Academy of Sciences (TBD)

### 13:00: Round table and Conclusions

Carlos Rad. University of Burgos

### 13:30: Lunch & Networking

## The workshop

The International Workshop in Environmental Biotechnology: Towards a GREENER world, is a 1-day meeting which will include keynote speakers, different case studies and presentations by international experts of the soil and water bioremediation sector. The workshop will be launch together with GREENER Kick of meeting (1-2 April) and will provide a unique opportunity to learn about the project and to discover successful remediation case studies at European and International Level. It aims to provide a comprehensive overview of the current international panorama on the field of environmental biotechnology and bioremediation case studies. This workshop is an opportunity to bring together the most relevant scientific community and leading industries in the field of soil and water remediation. The GREENER project

targets the development of green, sustainable, efficient, and low-cost solutions for soil/sediment and water bioremediation, by integrating several remediation strategies with innovative bio-electrochemical technologies, that will effectively accelerate the remediation time of a range of organic and inorganic pollutants of high concern, while producing end-products of multiple interest, such as bioelectricity and/or harmless metabolites.

## The consortium






















