

## **FERTICHAR PROJECT: Minutes**

### **17 – 18 September, 2019**

### **Thessaloniki, Greece**

#### **Attendees:**

Dr. Jeguirim, Dr. Ghimbeu-Matei (IS2M/CNRS), Dr. Doulgeris, Dr. Tziritis, Ms. Kinigopoulou (SWRI/HAO), Dr. Akrou, Dr Elbassi (CERTE), Dr. Marks(UVic), Dr Zorpas (OUC)

#### **Virtual Attendees**

Pr. Jellali (CERTE), Ms. Langefeld, Ms. Minkosse (RITTMO).

#### **Excused:**

Dr. Naisse (RITTMO).

#### **Agenda**

As decided in Colmar during the FERTICHAR Kick off meeting, the 1<sup>st</sup> annual meeting was held over two days in Tessaaloniki, in presence of the expert committee member, Dr. Zorpas. The agenda of the meeting is attached.

## **1. Annual Meeting**

### **Introduction**

Dr. Doulgeris opened the Annual meeting and invited Dr. Panagopoulos to introduce the Soil and Water Resources Institute (SWRI) of the Hellenic Agricultural Organisation.

Since Dr. Zorpas is present as an expert committee member of the FERTICHAR project, the meeting started by a brief presentation of the teams member. Then, Dr Jeguirim presented an overview of the FERTICHAR project to the scientific expert. This presentation was followed by a presentation the expert skills

### **Outcome of general discussion on WP progress**

Dr. Marks and Ms. Kinigopoulou have presented the main results of the WP2 on the stocks identification and characterization of olive mill wastewaters and olive solid wastes in the Mediterranean. The deliverables D2.2 and D2.3 are currently under preparation. All the participants agreed to disseminate the results derived from the WP2 investigation. A publication will be prepared in the next months and submitted to scientific journals.

Dr Matei-Ghimbeu has presented the study on the optimization of hydrochar/biochar production as well as the main characteristics of the produced chars. Dr Evans noted the importance to complete the characterization by the mineral contents and more

specifically the NPK contents. These characterizations are currently under progress. A Report on biochars and hydrochars characterization (D3.2) is prepared by Dr Azzaz, the postdoctoral researcher recruited in the frame of this project. In addition, a paper on hydrochar production and characterization is prepared for a possible submission in scientific journals

Dr Elbassi has exposed the preliminary results on the chars application on soil in terms of plant growth and microorganisms development. These tasks that belong to the WP4 were followed by RITTMO researchers video-presentation on preliminary study mycorrhized biochars. This investigation was performed on commercial wood chars. Investigations on olive waste chars will be realized later.

The progress in WP5 was presented during the visioconference of Prof Jellali who exposed the results of nutrients release. A debate on the future work in the WP5 was launched by Dr Tziritis. In fact, some uncertainties were mentioned about the use of pesticides for the evaluation of the biochar performance for pollutants removal. Therefore, the consortium have agreed to replace pesticides by heavy metals and to select lead for the environmental applications.

Dr Doulgeris has reminded the objectives of the WP6. The latter is not started yet. After that, Dr Jeguirim has summarized the future project dissemination (see section exploitation). Dr Doulgeris has presented the Fertichar website and the participants have discussed the website contents evolution.

At the end of the meeting, a discussion about the future meeting organization was engaged. The main decisions on the date and location of the future FERTICHAR meetings are below.

## **2. Exploitation**

Dr. Marks (Uvic) is planning a publication on Olive Mill Waste : resources, characterization and potential while Dr Jeguirim (IS2M) is planning a publication on hydrochars preparation and characterization. All of the partners approved.

Two oral communications will be presented by Dr Jeguirim (IS2M) in the frame of the 2nd Euro-Mediterranean Conference for Environmental Integration (EMCEI) in October 2019

## **3. Future FERTICHAR Meetings**

24 Months Meeting: Vic (Barcelona, Spain) September 2020

30 Months Meeting: Tunis (Tunisia) Mars 2021

Final Meeting: Mulhouse (France) September 2021

## Agenda

Meeting of the project  
 “Recovery of olive oil by-products through bio/hydro chars production for agricultural  
 soil fertilization and environment preservation (FERTICHAR)”

17-18 September 2019

Venue: Soil & Water Resources Institute, Sindos-Thessaloniki

### Participants:

- Institut de Science des Matériaux de Mulhouse (IS2M)
- Water Research and Technologies Centre (CERTE)
- Soil & Water Resources Institute (SWRI)
- RITTMO Agro-environment (RITTMO)
- Universitat de Vic (UVIC)
- Open University of Cyprus

### Tuesday, 17 Sep

Time	Subject	Partner
11.30-12.00	Welcome - Teams Presentation	SWRI, ALL
12.00-12.30	Presentation of the Expert Committee	IS2M, ALL
12.30-13.30	Overview of WP (Deliverables and Timetable)	IS2M, ALL
13.30-14.30	Lunch brake	
14.30-15.00	WP1 presentation and discussion	IS2M, ALL
15.00-16.00	WP2 presentation and discussion	UVIC, ALL
20.00-23.00	Dinner (Aglaias' Kitchen)	

### Wednesday, 18 Sep

Time	Subject	Partner
9.30-10.00	Overview of DAY 1	SWRI, ALL
10.00-10.30	WP3 presentation and discussion	IS2M, ALL
10.30-11.00	WP4 presentation and discussion	RITTMO, CERTE
11.00-11.30	Coffee break	
11.30-13.00	Lab tour in SWRI's premises	SWRI, ALL
13.00-13.30	WP5 presentation and discussion	CERTE, ALL
13.30-14.30	Lunch brake	
14.30-15.00	WP6 presentation and discussion	SWRI, ALL
15.00-15.30	WP7 presentation and discussion	IS2M, ALL
15.30-16.00	AOB, Discussion	ALL
20.00-23.00	Dinner (ZITHOS)	