



Dear All,

here is the final agenda for the WP2 meeting.

The meeting will be held in Rome on the 28<sup>th</sup> of January starting at 9:00. For those who cannot attend in person there is the possibility to join via Skype (please find the invitation at the end of this document). Visitors coming to ENEA Casaccia will need to register before entering the Research Centre, giving the name of the person they are visiting (Annamaria Bevivino). You will be asked to leave an identification document receiving a temporary badge in return. Once inside the Centre Chiara and Ombretta will be waiting to guide you to the conference room.

We look forward to seeing you Best regards Annamaria

# SIMBA WP2 MEETING AGENDA 28 January 2019 Rome, Italy

#### List of attendees:

Alessia Fiore <alessia.fiore@enea.it> - attending

Andrea Brunori < Ironurb@yahoo.it> - attending

Andreas Schlueter <aschluet@cebitec.uni-bielefeld.de> - attending by videoconference

Annamaria Bevivino <annamaria.bevivino@enea.it> - attending

Caterina <caterina@micosat.it> - not attending

Chiara Nobili <chiara.nobili@enea.it> - attending

Cristina Cantale < cristina.cantale@enea.it > - attending

Daniel Neuhoff <d.neuhoff@uni-bonn.de> - attending

Diretto Gianfranco < gianfranco.diretto@enea.it> - attending

Elena MAESTRI <elena.maestri@unipr.it> - attending by videoconference

Giuseppe Aprea <giuseppe.aprea@enea.it>- not attending

Giusto Giovannetti < giustogiovannetti @hotmail.com > - attending

Ine van der - Klerx <ine.vanderfels@wur.nl> - attending by videoconference

Joseph Nesme <joseph.nesme@bio.ku.dk> - attending by videoconference

Martin Sudau <m.sudau@sudau-agro.de> - attending by videoconference

Milena Stefanova <milena.stefanova@enea.it> - attending by videoconference

Nelson Marmiroli <nelson.marmiroli@unipr.it> - attending by videoconference

Ombretta Presenti <ombretta.presenti@enea.it> - attending

Patrizia Ambrosino <patrizia.ambrosino@agriges.com> - attending

Pio Guarino <pio.guarino@agriges.com> - not attending

Sczyrba Alexander <asczyrba@techfak.uni-bielefeld.de> - attending by videoconference

Silvia Tabacchioni <silvia.tabacchioni@enea.it> - attending







Søren Johannes Sørensen <sjs@bio.ku.dk> - attending by videoconference Stefania Passato <stefaniapassato@gmail.com> - attending Tim Evison <tevison@bio.ku.dk> - attending by videoconference

#### **WP2** objectives:

The overall objective is to exploit the full potential of Plant Growth-Promoting Microorganisms (PGPMs) for sustainable crop production by optimising the efficacy and reproducibility of field applications. Key constraints leading to reduced field efficacy will be identified, tackled and eliminated thanks to the amelioration of formulations. It is expected that results obtained will significantly increase the efficacy and reproducibility of PGPMs field applications, providing an innovative tool for resource efficient crop production in the EU.

#### WP2 - Tasks

		Year 1				Year 2				Year 3				Year 4			
Task		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
2	Improvement of PGPMs field applications																
2.1	Design, formulation and optimisation of effective microbial consortia inoculants		D2.1.1						D2.1.2								
2.2	Evaluation of PGPMs effect on plant performance in pot experiments					D2.2.1										D2.3.5	
2.3	PGPMs efficacy field testing with respect to crop productivity and plant health								D2.3.1	D2.3.2			D2.3.3	D2.3.4		D2.3.5	
2.4	Development of a standard experimental protocol for efficacy testing of PGPMs under field conditions																D2.4.1

#### WP2 - Deliverables

- **D 2.1** List of suitable PGPMs, accompanied with operational procedures for application on soil or plants (M 6)
- **D 2.2** Tools for delivering microbial consortia and monitoring plant performance (M15)
- **D 2.3** List of microbial consortia for scaling-up application (M24)
- **D 2.4** Report on novel synthetic consortia (M 24)
- **D 2.5** Report on plant productivity and health in different conditions with PGPMs inoculation in field, first year of testing (M 24)
- **D 2.6** Report on soil microbiome characterization and soil microbial interactions following the 1st year of field test (M 27)
- **D 2.7** Report on plant productivity and health in different conditions with PGPMs inoculation in field, second year of testing (M 36)
- **D 2.8** Report on soil microbiome characterization and soil microbial interactions following the 2nd year of field test (M 39)
- D 2.9 Final report on plant productivity and health following the two years of field trials (M45)
- **D 2.10** Final report on functional and genetic diversity of soil microbiome and metagenomic biomarkers (taxa, SNPs and metabolic modules) (M45)
- **D 2.11** Practical manual for stakeholders (M 48)





 Date
 28 January 2019

 Time
 09:00 – 18:00

 Title
 WP2 Meeting

Venue RC ENEA Casaccia, Rome

Тіме	Торіс	Contributor			
9:00-9:30	Registration of participants	C. Nobili and O. Presenti (ENEA)			
9:30-9:40	Welcome and introduction	A. Bevivino (ENEA)			
9:40-9:50	WP2 overview	A. Bevivino (ENEA)			
9:50-10:10	Task 2.1 Presentation of the PGPM inventory Preliminary PGPM selection	C. Cantale (ENEA) S. Tabacchioni (ENEA)			
	Task 2.1 Microbial consortia/bioeffectors/bioactive	CSS AOSTA / AGRIGES /			
10:10-10:25	compounds available at SME	SUDAU			
10:25-10:40	Task 2.1: contribution from UNIPR Carriers and delivery methods	UNIPR			
10:40-11:00	Coffee break				
11:00-12:00	Tailoring Task 2.1 Open discussion (A. Bevivino)	All participants			
12:00-13:00	Tailoring Task 2.2 Open discussion (E. Maestri)	All participants			





13:00-14:00	Lunch at ENEA Casaccia Canteen					
14:00-15:00	Tailoring Task 2.3 Open discussion (A. Brunori)	All participants				
15:00-16:00	Next tasks and other matters (A. Bevivino)	All participants				
16:00-16.30	Closing remarks	A. Bevivino (ENEA)				
16:30-17:00 Farewell coffee						

# Joining the meeting

skype account: a.bevivino

# **Address of the Centre**

ENEA – Casaccia Research Centre Via Anguillarese, 301 00123 S. Maria di Galeria (Rome) Tel. +39-06-30481

# How to reach the Centre

#### By car

The Centre is located about 25 Km northwest of downtown Rome.

Take the Rome ring road (GRA) and exit at Via Cassia Veientana exit SS2-bis. Get off at the Cesano exit, then take Via di Baccanello, Via della Stazione di Cesano, and SS493 (Braccianese) to Via Anguillarese.

# By airplane (Fiumicino airport)

The FL1 railway runs from Fiumicino airport to Roma Trastevere. From Roma Trastevere take the train to Cesano (FL3 line). From Cesano take the ENEA shuttle bus to Casaccia (departures from 8:10 am to 6:45 pm).

# By FL3 metropolitan railway

The FL3 line starts from the centre of Rome (Tiburtina station) to Cesano. From Cesano take the ENEA shuttle bus to Casaccia (departures from 8:10 am to 6:45 pm).





