

## PROFESSIONAL TRAINING PROGRAM

### « EVOLVE TO AGROECOLOGY TO IMPROVE TECHNICAL AND AGRONOMICAL PERFORMANCES »

*This programme can also be consulted directly on the TERREOM website at:*

<https://www.terreom.fr/en/formation-agroecologie>



#### CONTEXT

Nowadays, agriculture is facing a real challenge: producing more and more. And yet, the number of farms is decreasing, more and more farms are experiencing difficulties, harvest prices are stabilizing at low levels and costs of all kinds are increasing. Added to this is the fact that the climate is becoming more and more capricious each year.

In this context, this training proposes **to adopt a new perspective by reconsidering the relationship between the soil and the plant to develop the fertility of the soil and improve the performance of the crops and the farm performances**. It also aims to enable to evolve towards the implementation of agroecological practices and reduce the use of inputs (fertilisers, plant protection products in particular).



#### OBJECTIVES



##### UNDERSTAND

how the soil is structured



##### MASTER

the forces of fertility



##### KNOW HOW TO MEASURE

the overall fertility of the soil

**KNOW**

the functioning between the plant  
and the soil

**KNOW**

the impact of agricultural  
practices to set up the most  
virtuous ones and improve the  
performances of the cropping  
system

**EVOLVE**

towards a multi-performing  
agroecology

**PUBLIC CONCERNED**

All public

**PREREQUISITE**

None



## ACCESSIBILITY

If you have a physical disability, please let us know. We will then make the necessary arrangements to enable you to take full advantage of the training.



*Suitable for people with a mobility impairment*



*Suitable for people with a hearing impairment*



*Suitable for people with a speech impairment*



*Suitable only for the visually impaired persons*



## ORGANIZATIONAL CONDITIONS



14 hours



9:00 a.m. to 12:30 p.m. and 2:00 p.m. to 5:30 p.m.



4 minimum – 15 maximum



## « NEAR YOU » TRAINING

In the case of a "near you" training, the minimum number of participants may be adjusted to take into account the distance from our headquarter.



## EDUCATIONAL RESOURCES

### 1. First, second and third half-day



Interactive exchanges  
with the trainees



Classroom training



Use of a video-projector  
and a paperboard



A permanent internet  
access to the slideshow  
and training course  
folder will be provided  
to each participant at the  
start of the course.

### 2. Fourth half-day



Session on the plots of a  
nearby farm



Simple tests on soil  
samples taken from the  
plots



Performing the test at  
the spade and use of  
penetrometer



Creation of a soil profile  
or a 3 D mini-profile  
with comments



Practical use of observation sheets



Discussion around the cultivation  
system in place and possible  
improvements



Interactive exchanges with the  
trainees throughout the half  
day



## TECHNICAL RESOURCES

### 1. First, second et third half-day



Room equipped with a video-projector and a projection screen



Use a video slideshow and a flipchart



Use of educational sheets (soil observation sheets, glossary of understanding soil analysis)

### 2. Fourth half-day



Use of equipment for making a soil profile (knife, spade,...)



Use of measuring equipment soil parameters and the plant (pH meter, redox-meter, penetrometer, refractometer)



Practical use of soil observation sheets



## TRAINING MANAGER

**Raphaël MARTIAL**

*Agricultural engineer (ENITA BORDEAUX) and former adviser to the Landes Chamber of Agriculture  
More than 20 years of experience in the agricultural sector*



## TRAINING PLAN

### I. The soil, a highly organized and living system

- The soil, the meeting of different spheres
- The forces of the soil fertility
- Know the soil and appreciate its fertility (understand and value soil analysis, know how to diagnose soil on the plot)

### II. The soil-plant relationship, a dynamic and living relationship under influence

- The plant and its intelligent relationship with the soil
- The relationship between soil and plant, key to system performance

### III. Reasoning applied to the plot

- Carrying out tests and measurements on soil samples taken from the plot
- Implementation of different soil observation techniques (soil profile,...)
- Use of different measuring tools (penetrometer, pH meter,...)
- Use of the various observation and rating sheets
- Discussion on the practices put in place and possible ways of improvement



## MONITORING AND EVALUATION



Signing of an attendance sheet at the beginning of each half-day



At the end of the training, a certificate will be given to each participant



End of course questionnaire completed by each trainee to check understanding and good acquisition of the different topics



## TRAINING PRICE



### Inter-company training

210 € including taxes per day

**i.e. 420 € including taxes**

(individual price)



### Intra-company training

1800 € including taxes per day  
(excluding travel expenses)

i.e.

**3600 € including taxes**  
(excluding travel expenses)

(group price)



### Delivery in a training centre

800 € including taxes per day  
(excluding travel expenses)

i.e.

**1600 € including taxes**  
(excluding travel expenses)

## Funding is available!

*Click on the following link to learn more*

<https://www.terreom.fr/en/formations-financement>



**I AM INTERESTED IN THIS TRAINING**

**I REGISTER BY CLICKING ON THE LINK OPPOSITE**

<https://www.terreom.fr/en/inscription-agroecologie>