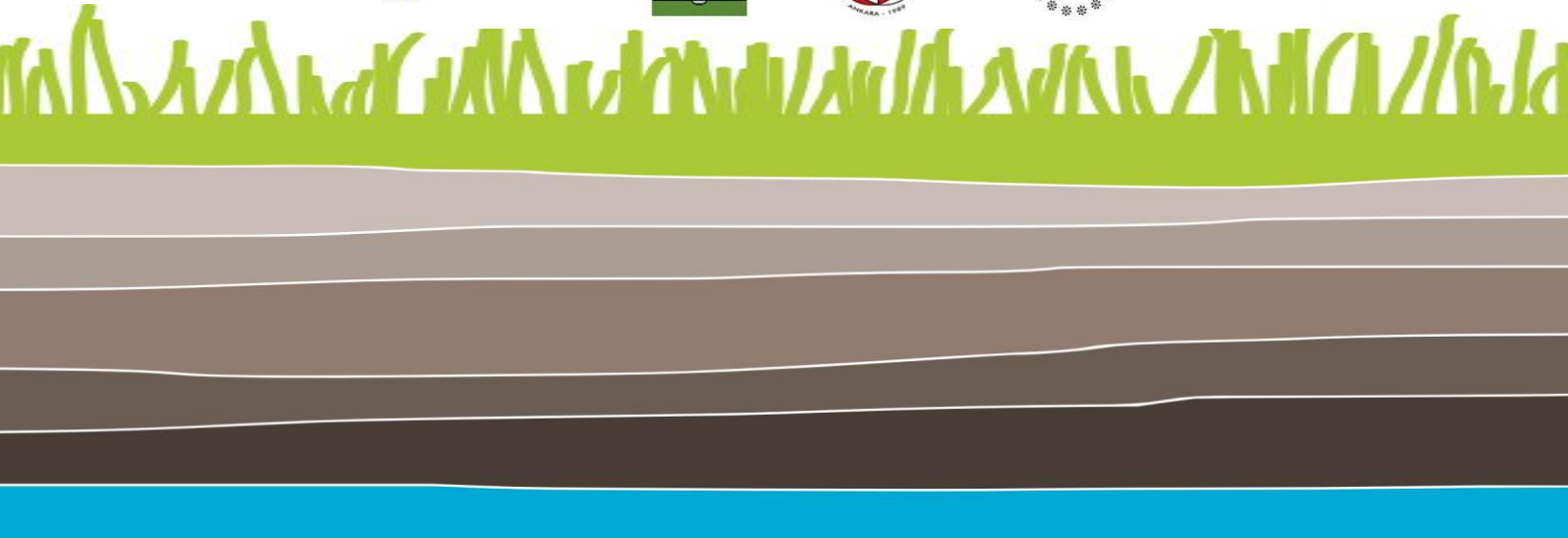


# European Experimental Learning Lab on Soil Science

**Blended Learning Course  
Teacher Training in Barcelona, 04.-08.11.2016**



Organised by the EELLS project consortium:



## Introduction

Despite their interdisciplinary and practical potentials, soils have never been thoroughly introduced in school education, except maybe in vocational agricultural schools. Soils and the connected soil sciences offer rich and contextualised learning environments for basic and science education, for practical and problem based learning and for interdisciplinary learning projects.

The EELLSS consortium invites teachers of all school types to take part in the training course to learn about the newly developed versatile and extendable approach to integrate soils as a substantial learning field in European school education.

## Objectives

- To enable the teachers to apply soil science as a learning field in their schools;
- To exchange with European colleagues and develop case studies on how soil science can be implemented in school education;
- To prepare and implement a pilot project that will be carried out after the training course.

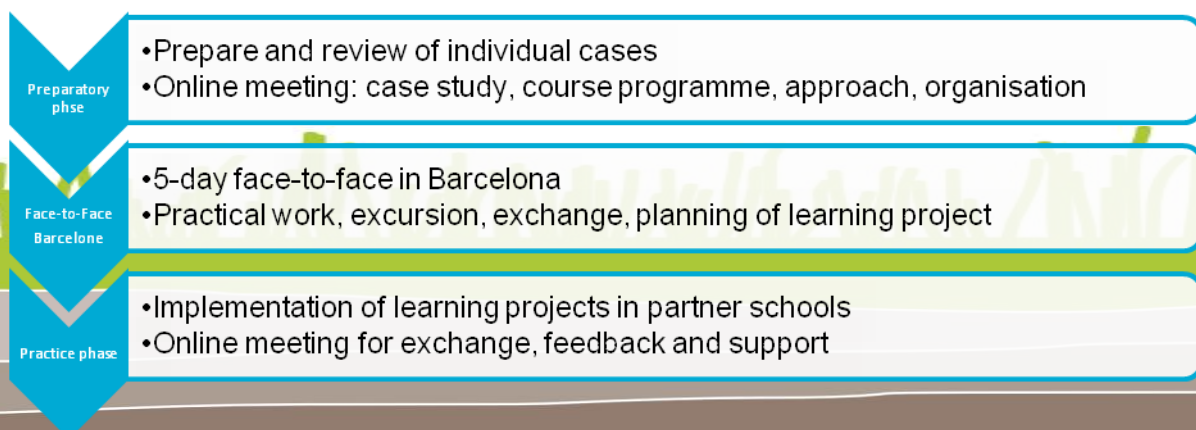
## Participants

The course addresses teachers of all school types. To be part of the course, teachers should:

- Live in Germany, Italy, Latvia, Spain, Sweden, Turkey, or The Netherlands;
- Have an intermediate/advanced knowledge of the English language;
- Be interested and commit to attend all parts of the blended learning programme.

## Structure and organisation

The EELLSS course is organised as blended learning course consisting of three components: Preparatory phase, face-to-face week and practice phase. The overall duration of the course incl. the practice phase is approx. six months.





## The main topics of training

- Relevant soil science topics and the connection to science subjects
- Competence oriented learning and teaching
- Didactic development and instructional design in the soils learning field
- Use of the open learning environment
- Validation of competences

## Overview of the training course

### Preliminary phase (10.10.2016 to 31.10.2016)

In preparation we ask participants to draft a learning project along the lines of the provided template. The EELLSS team has prepared a number of examples that may serve as inspiration for your project. We will organise an online meeting (1,5 hrs) with all course participants and trainers in order to discuss these drafts, and to introduce the course concept.

### Face-to-Face in Barcelona (04.11. to 08.11. 2016)

Day	Friday November 4	Saturday November 5	Sunday November 6	Monday November 7	Tuesday November 8
<b>Morning</b>	Arrival	Working session 4-step model for inquiry-based learning  Validation of competences	Excursion  Didactics on fieldwork	How to PLC? (Professional Learning Community)  International cooperation and use of the open learning environment	School project presentations + feedback  Evaluation and good bye!
<b>Afternoon</b>	Introduction Didactics  Presentation pilot project "De Nieuwste School"	Learning activities on systems thinking	Excursion	Learning activities: experiments and lab work	Departure or free time

### Practice phase (10.11.2016 to 31.05.2017)

In the 6-month practice phase the learning projects that will have been prepared in the previous phases will be implemented in the partner schools. Support and advice will be given by project partners.

During an online meeting participants will be able to exchange on their learning projects with their European colleagues.



## The course venue

The training course is hosted by the EELLS partner school:

STUCOM Centre d'Estudis  
Pelai 8, 08001 Barcelona  
[www.stucom.com](http://www.stucom.com)

## The Course language

The course will be provided in English. All communication and materials will be in English.

## The Costs

The training is co-funded by the Erasmus+ programme in the framework of the EELLSS project. The financial contribution to the costs for the face-to-face course in Barcelona is as follows:

- Travel costs: according to the distance from the place of origin to Barcelona the contribution amounts to either 275 € (100-1999 km) or 360 € (2000 km and more).
- Subsistence costs: 100 € per day, i.e. 500 € / participant
- Course fees: There are no course fees.

Please note that according to the funding rules of the Erasmus+ programme, the financial contribution can only be given if you stay for the whole course programme. Arrival and departure can take place on the first (04.11.2016 in the morning) and fifth day (08.11.2016 in the afternoon), respectively. Any later arrival or earlier departure will lead to a non-approval of costs. Arrival and departure on November 3<sup>rd</sup> and November 9<sup>th</sup>, respectively, are possible. The amount of funding remains the same.

## Contact

Please contact the partner organisation in your country or address your question to:

BUPNET GmbH  
Sabine Wiemann  
Göttingen, Germany  
[swiemann@bupnet.de](mailto:swiemann@bupnet.de)

Find more information on the project on:

[www.eellss.eu](http://www.eellss.eu)



Co-funded by the  
Erasmus+ Programme  
of the European Union

The European Commission support for the production of this publication does not constitute an endorsement of the contents which reflects the views only of the authors, and the Commission cannot be held responsible for any use which may be made of the information contained therein.