

Comenius Multilateral Network



1st December 2013 - 1st December 2016

Summary

Designed for a period of 36 months, the SUSTAIN project proposes to deepen the IBSE understanding and practise of a number of already connected European CPD providers (11 CPD providers in 10 EU countries, with extensive experience in IBSE).

They will develop common goals, leading to common actions and effective tools, on the concrete ways to raise awareness of young people, from an early age, on the subject of *Education for Sustainable Development (ESD)* through *Inquiry-Based Science Education (IBSE)*.

The SUSTAIN network (1)

Partner no	Role	Organisation Name	City	Country
P1	Applicant Organisation	Fondation La main à la pâte	Paris	FRANCE
P2	Partner	Ecole des Mines de Nantes	NANTES	FRANCE
P3	Partner	Freie Universität Berlin	Berlin	GERMANY
P4	Partner	St Patrick's College, Drumcondra	Dublin	IRELAND
P5	Partner	ANISN - National Association of Natural Science Teachers	NAPLES	ITALY
P6	Partner	National Institute for Lasers, Plasma, and Radiation Physics	Magurele	ROMANIA
P7	Partner	Vinca Institute of Nuclear Sciences (University of Belgrade)	Belgrade	Serbia
P8	Partner	University of Trnava	Trnava	SLOVAKIA
P9	Partner	University of Ljubljana	Ljubljana	SLOVENIA
P10	Partner	University of Leicester	Leicester	UNITED KINGDOM
P11	Partner	Science Learning Centre, Pädagogische Hochschule Wien	Vienna	AUSTRIA

The SUSTAIN network (2)

The SUSTAIN network results largely from 3 previous projects to implement the use of IBSE: *SciencEduc* (2004-2006), which initiated European networking and enabled exchange of practise; *Pollen* (2006-2009), which fostered a community approach; *Fibonacci* (2010-2012), which developed a large scale dissemination scheme.

This, combined with participation with other projects, enables the consortium members to mobilise national or international partners with whom they have previously worked, and have the capacity and experience to deal with international collaboration.

The projects mentioned above have been supported by numerous European Academies of sciences, which have enabled the Fibonacci partners in particular to develop sustainable links with them.

The SUSTAIN network will take advantage of these links, both on the scientific and political levels, to implement the project and disseminate its results.

Main objectives and actions (1)

During 3 years, the SUSTAIN network will develop, through collaborative work on 3 cross-cutting Education for Sustainable Development (ESD) topics, an innovative IBSE-based “toolbox” on ESD for teachers and teacher educators, which can be used and adapted to local contexts in most European countries.

The project partners will form 3 working groups on 3 major ESD topics, and develop IBSE-focused teaching and training tools and activities, which will be presented in 3 European workshops, and then made available for transfer/exploitation through 3 handbooks published on the network website.

The foundations of this collaborative work will be laid during a kick-off meeting, and cooperation deepened at a working seminar.

A follow-up seminar will prepare the editorial work on the handbooks.

An initial conference on ESD will provide up-to-date insight on the field by invited experts, while a final conference will disseminate the project to a wider audience.

Main objectives and actions (2)

Concretely, the SUSTAIN network aims to:

- Allow the partners to work jointly on specific topics or key issues relating to sustainable development, in order to develop and share their expertise and to bring to discussion their own local concerns and experience.
- Develop topic-related CPD and classroom tools on IBSE and sustainable development issues.
- Organise 2 open conferences and 3 European workshops for teachers and teacher educators.
- Prepare 3 guidelines on topics with learning tools.

Dissemination

- A **project website** will be developed
- **Paper publication:** a short booklet on the project will be published in P1 (in English), and will be sent to stakeholders. It will present the main concept and objectives of the SUSTAIN project.
- **3-day European workshops** will give the opportunity to produce **3 handbooks** related to the topics. These handbooks will gather the materials developed by each working group and make them available to the general interested public and distributed via the project website and the final conference.
- A **final European conference** will be held in Berlin in November 2016 (year 3), on the role of professional development in sustaining ESD through IBSE in primary and lower-secondary schools. The CPD tools and resources developed during the project and the results will be presented during this event.