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## NEWSLETTER #1

# Code**IT** – Enhancing Teachers' professional development through **a**lgorithmic and **p**rogramming

Project number: 2017-1-1PL01-KA201-038494

Implementation period: 01.10.2017-30.09.2019

Why we developed  
Code**IT** project?

The huge technological progress has forced the situation in which IT, and in particular, programming become the key competence of the 21st century. Today, digitization and technology development make programming a language of communication. We must be aware that children who are currently enrolled in school will in future perform professions that do not yet exist, and the only thing we can say about these jobs is that they will be technology based.

## Project's aim



- CodeIT project concentrates on programming competence of teachers of non-IT subjects. The aim of the project is to help teachers enhance their professional development by raising programming competences through the development of innovative resources.

## Project's results



- Virtual Learning Environment for Teachers containing training materials in algorithmic and programming and its didactic in other than IT subjects,
- Model lesson plans incorporating programming for Chemistry, Geography, Maths and Physics,
- Handbook entitled "Advance your teaching skills with the use of algorithmic and programming".

## Target group



- Primary target group are non-IT teachers from elementary schools (grades 4 and higher) and gymnasiums with special attention to teachers of Chemistry, Geography, Math and Physics.
- Secondary target group is students abovementioned schools.

## NEWS

### Kick-off meeting

The meeting was held in Nikosia (Cyprus), on 12<sup>th</sup> and 13<sup>th</sup> November, 2017. The meeting started with the project presentation, with the main focus put on intellectual outputs and the related tasks. Next, the effective rules concerning project management, reporting and activities involving dissemination, evaluation, monitoring or quality control, were presented and discussed.



### LTTA Training within CodeIT project

At the end of February and the beginning of March, an LTTA event was organised in FIORENTUOLA D'ARDA (Italy, where they improved their skills in the field of educational aspects determining the needs and expectations of the concept of introducing algorithmic and software elements into non-IT classes.





## PARTNERS

### M.K. INNOVATIONS LTD



**Cyprus, Nicosia**

COSMIC INNOVATIONS is a very dynamic consultancy offering a vast range of services bridging the gap between the commercial and public/EU funding ecosystems.

### Kekavas Vidusskola



**Latvia, Kekava**

Kekava general secondary school is the largest school in municipality with approximately 1000 pupils and 80 teachers.

### Liceul Pedagogic "Mircea Scarlat"



**Romania, Alexandria**

"Mircea Scarlat" Pedagogical National College is a representative school at local and national level; it is the only pedagogical high school from the region.

### Danmar Computers sp z o.o.



**Poland, Rzeszów**

Danmar Computers is an organization providing vocational training in the field of IT and developing and providing e-learning services from year 2000. It deals with: trainings, developing programs and training materials, counselling, designing web pages and elearning systems.

### Istituto Superiore E. Mattei



**Italy, Fiorenzuola d'Arda**

Istituto Statale d'Istruzione Superiore Mattei is an Italian State Upper Secondary School for students aged 14-19, which provides five different courses of study. The school has 900 pupils, over 90 teachers and 27 non-teaching staff.

### P.T.E.A. Wszechnica sp. z o. o.



**Coordinator- Poland, Krosno**

WSZECHNICA Society of Alternative Education started its existence in 1996. All forms of training sessions for teachers, especially teachers of information technology, have been within the main scope of interest since the very beginning. We have offered courses, workshops and seminars for teachers. Also, advanced training sessions have been offered to companies.

Find more on: <https://www.codeit-project.eu>