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Newsletter

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KICK-OFF MEETING OF ERASMUS+ STEMKIT4SCHOOLS PROJECT AT ECAM-EPMI (Cergy-Pontoise, FRANCE)

On the 12/12/2019, ECAM-EPMI had the pleasure of welcoming the team of the brand new Erasmus+ STEMKIT4Schools project "Advancing programming, STEM and IoT understanding in the classroom through DIY “Do It Yourself” computing". The partners come from Greece, Poland, Cyprus, Portugal and Romania, ECAM-EPMI from France is the project coordinator.

MAIN PROJECT GOALS

- Develop and verify a guide on building, configuring and using a DIY computer in the classroom.
- Design and develop curriculum and lesson plans to use from a DIY STEMKIT computer.
- Design electronics kits that will be used to support the curriculum and which will be built by children.
- Prepare the online learning environment.
- Test and pilot results in real conditions with teachers and students.
- Maintain final results via virtual space.

ERASMUS+ STEMKIT4SCHOOLS PROJECT

The aim of the STEMKIT4Schools project is to develop tools, which will help people working with children to get them involved in developing programming and STEM related skills in children.

TARGET GROUPS : The project is addressed to specialists working with children aged 8–13, beneficiaries, schools, associations and organizations for children / parents, decision makers and educational stakeholders, commercial organizations producing educational games, universities – pedagogy / engineering departments, educational institutions, and STEM toy producers.

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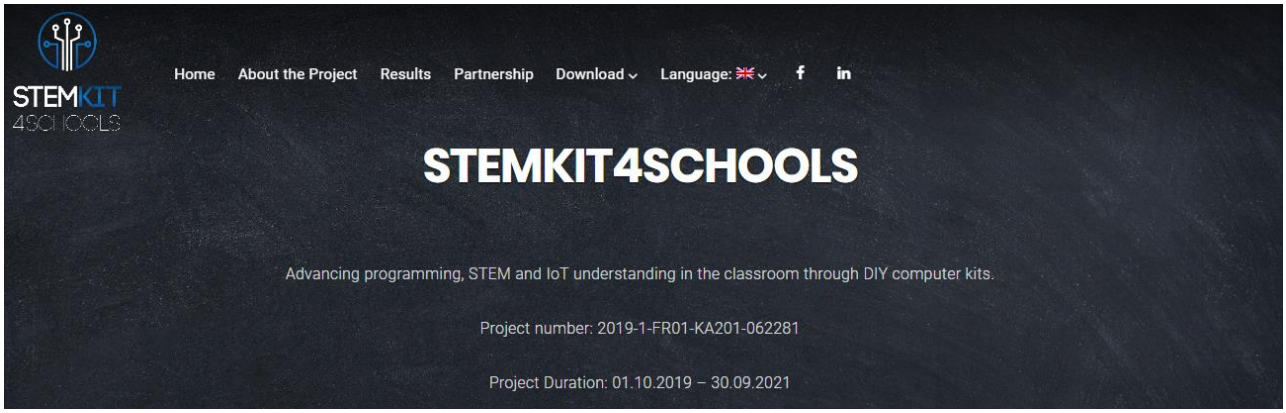
EXPECTED RESULTS BY THE END OF THE PROJECT

The following results will be created and implemented by the end of the project:

- STEMKIT DIY Computer design
- Electronics Kits to be used with the STEMKIT Computer
- Guide and blueprint on how to assemble the STEMKIT Computer, install the software and configure the GPIO
- STEMKIT Curriculum and lesson plans
- STEMKIT Guide for Educators
- Educational portal with integrated skill and achievement frameworks
- STEMKIT Club virtual space

THE PARTNERS



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