

CODESKILLS4ROBOTICS

Presentation of the Project

International Conference

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Project ID

ERASMUS+

Cooperation for Innovation and the Exchange of Good Practices
Strategic Partnerships for School Education (Key Action 2)

Project Number - **2018-1-EL01-KA201-047823**

CODESKILLS4ROBOTICS

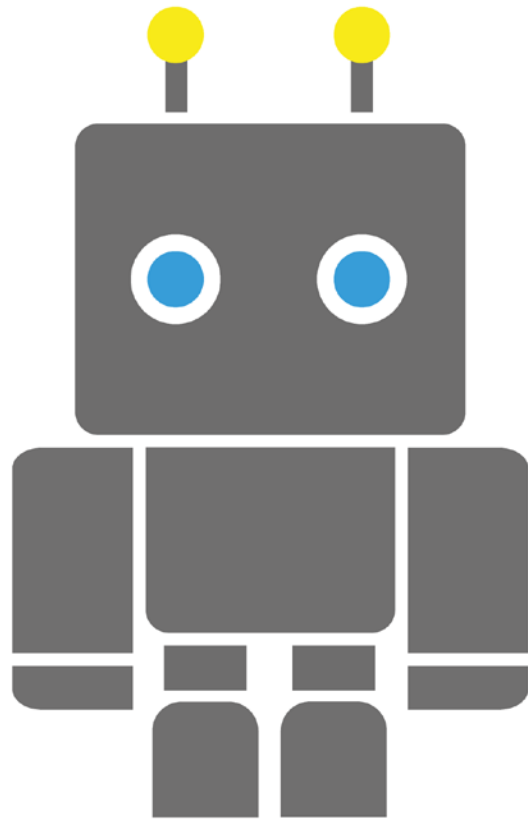
Promoting Coding and STEM Skills Through Robotics:
Supporting Primary Schools to Develop Inclusive Digital Strategies for All

Duration: 31 Months

01/09/2018 - 31/03/2021



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



CODESKILLS 4ROBOTICS



Project Consortium

P1: National Center for Scientific Research “Demokritos”
(**Greece**)

P2: Lifelong Learning Platform (**Belgium**)

P3: Regional Directorate of Primary and Secondary School
Education of Crete (**Greece**)

P4: Emphasys Centre (**Cyprus**)

P5: Hellenic Mediterranean **University** (**Greece**)

P6: Halsingland Education Association (**Sweden**)



Project Aims

CODESKILLS4ROBOTICS

- **Develop** and **evaluate** an **Educational Pack** containing all the essential materials, tools & resources for the **introduction of Coding & Robotics to Primary Schools**
- **Support primary schools** in developing their own **digital-inclusive strategies** for the promotion of **Coding, Robotics & STEM Skills**
- **Introduce** and **use** the **Open Badges system** as a method to **validate** and award the coding skills acquired by both **teachers and students**, through an **online assessment tool & mobile app**
- **Design**, a **strong campaign** as part of the EU Code/Robotics Week; **CODESKILLS4ROBOTICS Competitions** will be organized at the regional, national and EU level, thus promoting transnational cooperation.



Project Target Group

Direct - Primary School Children 9-12 years old with emphasis on children with **fewer opportunities (+ girls)**

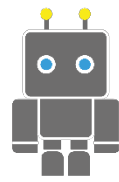
Indirect - Primary School Teachers whose profile will be upgraded through the **Continuing Professional Development Program**, acquiring digital & coding skills and become **Trainers**



Project Outputs

- IO1** • National and Comparative Reports - Building the Competence Framework
- IO2** • Dual Digital Educational Back Pack for Primary Schools
- IO3** • Eco-System of Assessment & Validation Methodology through Open Badges
- IO4** • Interactive Portal and Mobile App
- IO5** • Toolkit for Setting Up the **DIGITALSKILLS@SCHOOLS Clubs**
- IO6** • **DIGITALSKILLS@SCHOOLS** Strategy for Sustainability & Upscaling





Thank you!

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