



Key Action 2
“Robotics ON” Strategic Partnership





Newsletter no 3

Project reference number: 2017-1-RO01-KA201-037335

“Robotics ON” Project

Strategic Partnership supporting innovation
Erasmus + Programme, Key Action 2
01.11.2017 - 31.10.2019

NEWSLETTER NO 3
September 2018

	<p>Key Action 2 “Robotics ON” Strategic Partnership</p> <p>Newsletter no 3</p>	
---	--	---

*Newsletter produced with the financial support of the European Commission.
The content of this material is the exclusive responsibility of the authors, and the National Agency and the European Commission are not responsible for how the content of the information will be used.*

PARTNERS:

P1. Colegiul Național "Constantin Carabella"

Târgoviște, **ROMANIA**

website: www.carabella.ro

P2. Anyksciu Jono Biliuno gimnazija

Anykščiai, **LITHUANIA**

website: www.bilngimn.lt

P3. Budapesti Gépészeti Szakképzési Centrum Szily Kálmán Műszaki Szakgimnáziuma, Szakközépiskolája és Kollégiuma

Budapest, **HUNGARY**

website: <http://www.szily.hu>

P4. Istituto Istruzione Superiore A.Volta

Frosinone, **ITALY**

website: www.voltafr.gov.it

P5. S.C. SKA NET SRL

Bucharest, **ROMANIA**

website: www.itadviser.ro

P6. IMPLEMENT 24SOFTWARE SRL

Bucharest, **ROMANIA**

website: www.24software.ro



Key Action 2
“Robotics ON” Strategic Partnership



Newsletter no 3

TARGET GROUP:

84 students (15-18 years old), 21 from each school, students interested in personal development, using ICT in the design and creation of robots, activities that will stimulate and increase the chances of employment at the right time.

OBJECTIVES:

1. Developing digital and entrepreneurial skills relevant to personal development and career.
2. Increasing the autonomy in terms of personal and professional development of the 84 students in Robotics Clubs, at least 32 of them competitive in programming / robotics.
3. Developing the capabilities to adapt, promote and exploit digital technologies by creating a robot, in each partner school, which solves a problem identified at school level.

PROJECT ACTIVITIES
SEPTEMBER 2018 - MARCH 2019

September 14-25, 2018



Meeting with Robotics Club students for dissemination Module 2.

This meeting brought together students, the interventions of the project coordinator and guests have highlighted the opportunities offered by the European Commission through the Erasmus+ Programme, with an emphasis on the purpose, objectives, expected results, and relevance of the intellectual products of the project „Robotics ON” strategic partnership supporting innovation. The meeting aims to explain to the students of the course of robotics the importance of critical thinking both in school and in everyday life. At the same time, students presented relevant aspects of their work and experience in the field of programming and robotics, and representatives of other students expressed their interest and willingness to collaborate in order ensure a successful implementation of the project.



Key Action 2
"Robotics ON" Strategic Partnership
Newsletter no 3



	<p>Key Action 2 “Robotics ON” Strategic Partnership</p> <p>Newsletter no 3</p>	
---	--	---

M2_SECOND TRANSNATIONAL PROJECT MEETING
24-26 SEPTEMBER 2018

The second transnational meeting (M2) of the „Robotics ON” project was hosted by the „I.I.S. VOLTA” Frosinone in Italy (P4) and was attended by two Lithuanian teachers, three teachers from Italy, three teachers from Hungary and three representatives of the private companies SC SKA NET SRL and IMPLEMENT 24SOFTWARE SRL in Bucharest. They were joined by the P1 implementation team (six teachers and the accountant). The meeting started with the Institute welcome program, Italian students being guides to the guests in presenting and visiting the school. The Principal of IIS VOLTA, students, and teachers ensured the intercultural component of the meeting, by organizing stands with traditional intercultural products.

The agenda of the meeting included the most important aspects related to the planning, implementation, monitoring, evaluation, dissemination and promotion of the project. During the three working days, the following management documents were discussed and improved: the SWOT Analysis after the first year of implementation, the draft for the Interim/ Progress report, the Gantt Diagram for the second year of implementation, the specific responsibilities for the main events; the dissemination plan; the list with the possible risks and alternative solutions for the second project implementation year; the Monitoring Chart/ Plan for the second year of implementation; the Gantt Diagram for the Robotics Clubs activity for the second year of implementation; the satisfaction questionnaires completed by M2 participants.



During the leisure time, the guests visited the Santa Maria Assunta Cathedral, and the characteristic seaside town. They met the local representatives of non-governmental organizations.

During the transnational meeting M2 at our school, we filled out a newspaper article on “ Ciociaria Oggi” a local newspaper to disseminate the event and documents the progress of the project, increasing the number of schools involved in the key action partnerships 2.



Key Action 2
"Robotics ON" Strategic Partnership
Newsletter no 3



	<p>Key Action 2 “Robotics ON” Strategic Partnership</p> <p>Newsletter no 3</p>	
---	--	---

**Student Mobility Budapest
2 December - 7 December 2018**

Activities carried out by students in the mobility path: workshops, interactive sessions, collaborative group works, reflection sessions and self-evaluations, interactive exercises, real-world-simulations.

During the meeting the students took part to activities to improve their skill as follows:
 -to develop digital competences relevant for personal development and for further education and career.

-to learn object-oriented programming;

-to increase students’ autonomy regarding personal and professional development, being also prepared for becoming further peer-counselling for the Robotic Clubs;

-to familiarize with concepts and tools to analyze work and leadership experiences in different contexts;

-to develop students’ capacity to adapt, promote innovation and exploit the potential of technologies and digital content ;

-to bring together students, teachers and trainers having different cultural, economic, social and educational background, in order to give them the possibility to understand, work and respect each other and adapt to future learning or working in European contexts.



Key Action 2
"Robotics ON" Strategic Partnership
Newsletter no 3





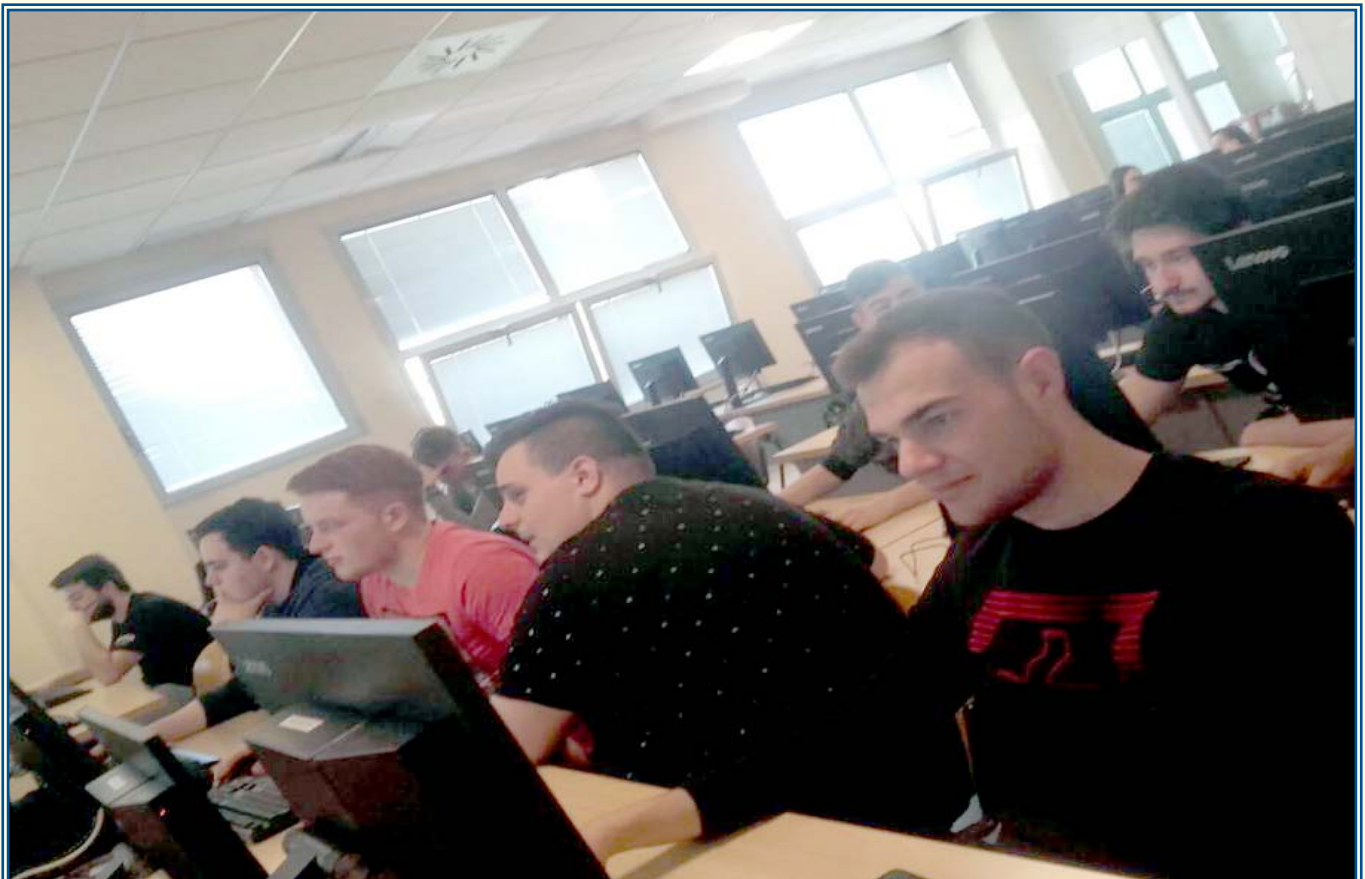
Key Action 2
“Robotics ON” Strategic Partnership

Newsletter no 3



Reflection on the Mobility Student C3 Robotics ON
January 2019



In order to disseminate the knowledge and experience acquired by the direct beneficiaries of the C3 transnational meeting in Budapest, in December, the students performed peer-counselling activities to share with their colleagues the C2 experience. In this regard, students used the theoretical support of Module 2 O2 and the PPT for dissemination C3 activities (acquisitions, lessons learned and photos taken during the learning activities).





Key Action 2
"Robotics ON" Strategic Partnership
Newsletter no 3



	<p>Key Action 2 “Robotics ON” Strategic Partnership</p> <p>Newsletter no 3</p>	
---	--	---

ROBOTICS CLUB ACTIVITY March-April 2019

Peer-counseling provided by each group of students participating in C1-C4 learning activities for all other students that make up the Robotics Club.

Workshop 1: The students participating in C2 undertook peer-counselling activities to share with their colleagues the C3 experience. In this regard, the students used the theoretical support of O3_ Module 3 and the ppt for dissemination C3 activities (acquisitions, lessons learned and photos taken during the learning activities).

Workshop 2: Students developed a motivational speech (for clarifications they will consult O2_ curriculum Robotics ON-Module 3) and a SWOT analysis of the school's activity. From the SWOT analysis they selected a weak point that actually was the problem they intend to solve with the robot they are going to build.

Workshop 3: BUILDING A TEAM dissemination workshop. Students presented the SWOT analysis and the motivational speech to teachers and told them what robot they want to build and for what reason (what problem will solve/ improve the robot). They also benefited from the experience of teachers / guests, identifying together the resources needed to build the robot and group them into resource categories.

Workshop 4: Peer-counselling session. C3 participating students coordinated the elaboration of the work breakdown structure (WBS) / critical paths determined.

Workshop 5: Under the guidance of the Robotics Club coordinator teacher, students created a draft of the project whose final product will be the robot.



Key Action 2
"Robotics ON" Strategic Partnership

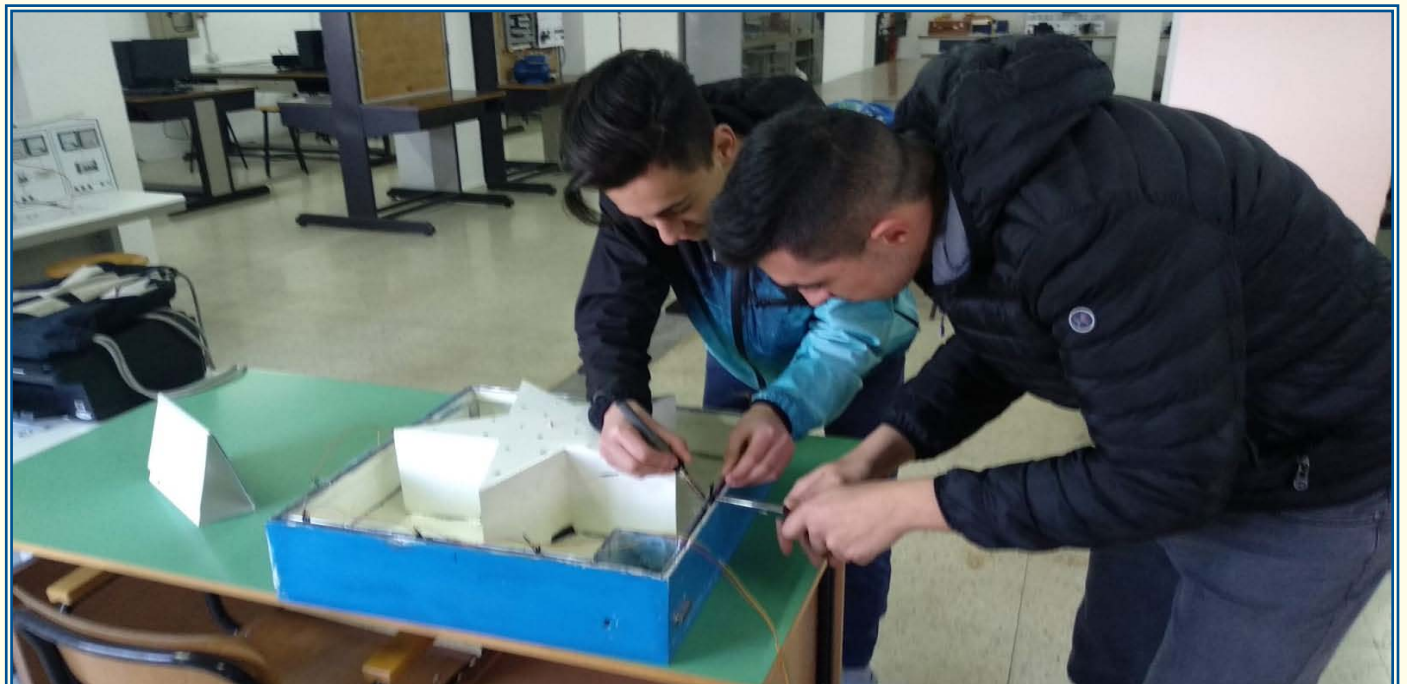
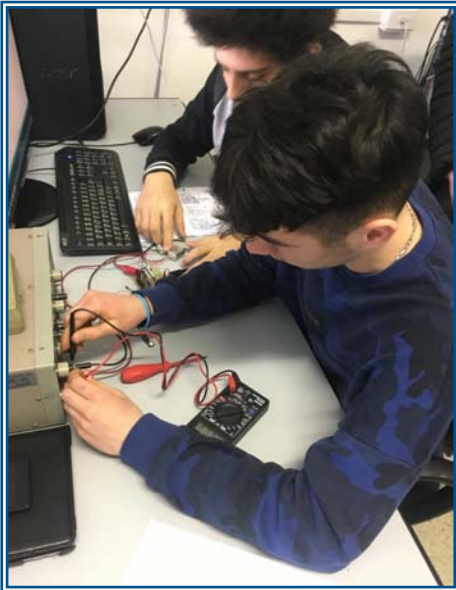


Newsletter no 3





Key Action 2
“Robotics ON” Strategic Partnership
Newsletter no 3



*Newsletter produced with the financial support of the European Commission.
The content of this material is the exclusive responsibility of the authors, and the National Agency and the European Commission are not responsible for how the content of the information will be used.*