COMMUNICATION AND DISSEMINATION PLAN

"Science e-Robot"

Integration of Educational Robotics to Scientific Learning Teaching Process

2020-1-TR01-KA201-092601

Erasmus+ Programme

Strategic Partnership Project

DOCUMENT INFORMATION	
Project Title	Integration of Educational Robotics to Scientific Learning Teaching Process
Activity	Dissemination
Output	Communication and Dissemination Plan
Motive	Outlining the communication and dissemination strategy for the project

Version	Date	Description	Author
v 0.0 Draft	30.12.2021	Initial proposal to be discussed and approved by partners	Hadiye Kuradacı Science and Art Center General Directorate of Special Education and Guidance Services Robycode UG Istituto Istruzione Scolastica Superiore "Carlo Alberto Dalla Chiesa"
v 0.1 Final	18.05.2022	Latest version approved by partners	

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

TABLE OF CONTENT

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

SCIENCE e-ROBOT

SCIENCE E-ROBOT PROJECT

1. INTRODUCTION

The present dissemination plan is designed for the Erasmus+ Science e-Robot Project.

According to Erasmus + Programme Guide dissemination and exploitation of results are important areas of the Erasmus+ project lifecycle. They give participating organisations the opportunity to communicate and share outcomes and deliverables, thus extending the impact of their projects, improving their sustainability and justifying the European added value of Erasmus+. In order to successfully disseminate and exploit project results, organisations involved in Erasmus+ projects are asked to give the necessary thought to dissemination and exploitation activities when designing and implementing their project. To effectively disseminate results an appropriate process at the beginning of the project needs to be designed. This should cover why, what, how, when, to whom and where disseminating results will take place, both during and after the funding period.

2. PROJECT PRESENTATION

The EU 2020 Strategy, which supports the development of knowledge-based economy, innovation and new technologies and defines smart growth, also forms the basis of socioeconomic development. This strategy places great emphasis on improving the quality of education and training systems, lifelong learning, and spreading innovation and creativity. Therefore, reading, mathematics and one of the main objectives that it tries to reach until 2020, as well as the goal of "To increase the level of basic skills such as literacy and numeracy, to make mathematics, science and technology attractive and to strengthen language skills should be increased." To reduce the failure in science to below 15%.

While the importance of basic literacy and qualifications, called 21st century skills, is increasing in the changing world, on the other hand, developing economic difficulties and technological developments challenge education and training systems. Therefore, the project "The Future of Education and Skills 2030" initiated by the OECD is aimed at helping countries find the answers to two broad questions:

1- What knowledge, skills, attitudes and values will today's students need to develop and shape their worlds?
2- How can teaching systems effectively develop these knowledge, skills, attitudes and values?

However, findings on a world scale are not very pleasant in terms of countries' education and training systems. When these findings are taken into consideration; According to TIMSS 2015, the 8th grade scores of 20 countries from 39 countries are below the world average. In addition, according to the 2018 PISA results of 79 world countries trying to determine the student's performance in science and attitude towards science, the proportion of 15-years old students who could not reach a basic proficiency level in science in the EU was 16.6% in 2015; it increased to 20.6% in 2018.

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

This project, whose focus is on the relationship between core competencies and scientific literacy, is the 21st century core competencies that we call critical thinking, problem solving, creativity, communication and collaboration that determine how individuals approach complex challenges. It is based on the fact that it affects the skills applied to daily events such as reading, arithmetic mathematics and scientific literacy.

In order to increase the level of acquisition of 21st century basic skills, the aim of this project is to increase the quality of education by contributing to the integration of technology into the learning and teaching process; to improve scientific literacy within the consortium by contributing to the development of basic competencies by integrating educational robotics technology into scientific learning and teaching process.

This project has been co-financed by the European Commission, within the Erasmus+ Program, contract Project n°: 2020-1-TR01-KA201-092601

The fields of education that benefits from project activities and outputs are: School Education.

The project as a duration of 24 months, starting at 31/12/2020 and ending on 30/12/2022

2.1. Goals of the Project

General goal;

In order to increase the level of acquisition of 21st century basic skills, the aim of this Project is to increase the quality of education by contributing to the integration of technology into the learning and teaching process; To improve scientific literacy within the consortium by contributing to the development of basic competencies by integrating educational robotics technology into scientific learning and teaching process.

Our objectives throughout the project:

1- Developing an innovative science learning-teaching strategy compatible with the educational context of the partner countries related to the scientific learning teaching process in which educational robotics is integrated for the target groups by developing 3 intellectual outputs,
2- Increasing the knowledge and skills of 42 staff from partner organizations on different teaching models, measurement and evaluation and robotic methods / techniques in interdisciplinary science teaching,
3- By organizing 5 large-scale multiplier activities and other dissemination activities; Improving the knowledge skills of at least 200 science teachers, 50 teacher candidates and 100 experts on the use of intellectual outputs developed under this partnership,
4- Developing basic competence and scientific literacy of 10-17 age group students through educational robotics,
5- To develop long-term innovative cooperation between partners.

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

2.2. Main Activities of the Project

The project includes;

- 3 transnational project meetings
- 2 short-term staff training
- 5 dissemination activities (multiplier events)

As an innovative trend among the project results, we have 3 important intellectual outputs such as e-workbook open education resource, methodological guide for implementation and comprehensive assessment and evaluation toolset.

2.3. Project Intellectual Outputs

Table 1. Intellectual Outputs of the Project

O1	**Integration of Educational Robotics into the Scientific Learning Teaching Process Open Education Resource (OER)**	It is pedagogically compatible with the target group age levels and triggers the creativity and critical thinking of the student; It can be easily implemented by teachers and students where there are activities that require problem-solving skills to work and enable collaboration; improves the basic competencies of teachers and students, has been adapted to various scientific themes and sub-subject areas in different modern teaching models and has a positive attitude towards science and has learning and teaching scenarios for individuals. E-workbook platform, which provides dynamic, personalized teaching-learning and user convenience, which will influence innovative science activities with robotics content.
O2	**Practical Methodological Guidelines for Robotic Assisted Science Teaching**	Helps overcome the obstacles to gain students' acquisition of scientific theme and sub-subject areas for the target group age levels determined by the partners; a practical guide to the project partners and in English, describing the application of robotic pattern science activities in various modern teaching models and providing guidance in the use of the open educational resource.
O3	**Comprehensive Measurement and Evaluation Toolkit**	Testing robotic supported science learning activities; it will provide guidance on assessing their strengths and weaknesses.

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

3. PARTNERSHIP

Table 2. Partnership List

PP	Country	Organization
P0	Turkey	Hadiye Kuradacı Science and Art Center
P1	Turkey	Ministry of Education General Directorate of Special Education and Guidance Services
P2	Turkey	Mersin University
P3	Germany	Robycode UG
P4	Portugal	Agrupamento De Escolas De Portela E Moscavide
P5	Italy	Istituto Istruzione Scolastica Superiore "Carlo Alberto Dalla Chiesa"
P6	Romania	Liceul National De Informatica Arad

4. THE DISSEMINATION PLAN

4.1. Dissemination Goals and Approach

We have a dissemination process planned at various levels so that the expected results of the project reach target groups and stakeholders. Working closely with our project partners, the results and activities achieved throughout the project will be presented within the partnership, in each partner organization, local and wider communities.

The successful completion of the dissemination strategy and its effects will reflect the quality of our project as a whole. In this respect, our strategy includes the following;

* *Dissemination of the project as a whole*

Project website / Social media / Local, regional, national press and Publicity materials;

* *Dissemination of concrete results*

Distribution of intellectual outputs in large communities;

Dissemination work will focus on 3 goals:

- Awareness
- Understanding
- Action

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

The first two will take place more frequently in the early stages of the project; dissemination of action will be an important part of the dissemination plan and project activities, with the process of creation and completion of the intellectual outputs.

In this context, developed by the consortium; maximize the use of project results by target groups; tied to a time schedule, measurable and provided from the management budget; we have a good strategy that defines realistic goals with roles and responsibilities.

Under the coordination of the coordinator; It has a flexible structure that can be updated according to the local / regional conditions of the partners, with our strategy, monitoring and evaluation reports to be managed by the responsible partners.

Special emphasis will be placed on project branding; a competition will be held to determine the project logo by target groups. Project-specific common writing style, font size and visuals will be used.

Within the common communication plan for the consortium; newsletter, audio sharing and various social media tools aimed at target groups will be preferred in the language of each partner. Each distribution material will be developed depending on the target group and distributed periodically throughout the project. Therefore, representatives from target groups will be given an opportunity to develop distribution materials.

Starting from within the partner organizations; in partnership, we will follow a dissemination process with different levels of objectives towards target audience - other stakeholders / beneficiaries, policy makers / decision makers and the public. We will use a spreading mechanism with written, visual, audio, web-based and social media tools selected according to target groups. Dissemination activities will be carried out by paying attention to privacy and copyright.

Level 1: Within partner organizations

Purposes: Project recognition, information and awareness, To inform the sensitive personnel about the progress and results.

Method / Activities / Channels: Preparation of promotional materials and visibility; In-depth information presentation with optimized, constantly updated project website and social media accounts; Informing the staff and students through information days / meetings; Awareness through Erasmus + project corners and Erasmusdays; Presentation of project results at staff meetings of organizations.

Target groups: Partner organization and current network staff, students, parents, project and institution managers, researchers, experts.

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

Level 2: Main target groups inside and outside the partnership

Purposes: Engaging stakeholders and target groups; Broadening the impact with knowledge and awareness of the project; Testing outcomes; To inform the sensitive personnel about the progress and results; Include target groups and empower them to use intellectual outputs; To share solutions / transfer experiences for organizations with similar needs;

Method / Activities / Channels: Youtube channel vd Periodic sharing in social media; Creating virtual projects / establishing partnerships in the project area in e-Twinning; setting up learning groups and rooms where we can discuss the results; In SEG and EPALE platform, providing guidance and resources with intellectual outputs to teach teachers better; online sessions in the field; Sharing personal stories in science education on European Scientix blogs; Sharing outputs on the Scientix platform, which promotes European cooperation in science teaching; Europe-wide Moddle course, where we will use the intellectual outputs in Scientix, Expanding the usability of the intellectual outputs through activities such as regional workshops / workshops; distribution of project brochures, booklets and Methodological Guidelines CDs on official meeting / information days; Professional development and e-learning platform online courses for the use of intellectual outputs; regular sending of information to the e-mail database;

Target groups: Science teachers and prospective teachers, network and surrounding schools / institutions, institution administration; experts / researchers / academics in the field, education professionals, adult educators, industry representatives.

Level 3: Other stakeholders in the project area (country and sector), policy maker / decision makers; The general public

Purposes: To provide recognition, awareness and awareness; Influencing educational policies and practices; Involving educational stakeholders; To increase the impact and use of intellectual outputs.

Method / Activities / Channels: Broadcasting of written / audio news bulletins with periodic communication with the press / media; Institution visits; information dynamics with web page updates, Erasmus + Result, SEG; Circulation of intellectual outputs and results in E.N.T.E.R vs. European databases; Article with activity data; Local conferences; printed and digital report, newsletter, e-magazine distribution Local / national / transnational education authorities / departments, MPs, commercial sector, NGOs; report and output of ideas to universities for consideration in the course proposal.

Target groups: Educators / professionals, academicians / experts, education and technology sector representatives and NGOs related to the field; project manager and administrators, National / International policy makers, General public.

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

4.2. Target Groups

In order to achieve maximum outreach and audience involvement, a good identification and selection of the key target groups and stakeholders (to whom the project learnings, results and activities need to be communicated and disseminated) is so crucial.

The project results will be edited to be used by others as widely as possible, so we want to strengthen the qualifications of our target groups by using our intellectual outputs and to raise awareness about innovative science teaching. We will carry out dissemination studies with various tools in order to influence the practices in science teaching and to offer solutions to the problems encountered, to raise their awareness and to influence their tendencies.

The following target groups are identified in the frame of the project:

- Science teachers and teacher candidates, staff of partner organizations, students, parents;
- School networks, local and national governments and education authorities, education experts, academics and institutions;
- Civil society, commercial, sectorial and global organizations and the general public.

Table 3. Target Groups of the Project

ID	Target Group	Target Content
01	Science Teacher, Teacher Candidates and Students (between 10 – 17 years old)	Science teachers and candidates, which are an integral part of education systems and the pillar of science teaching, with alternative and innovative methods and tools in the development of scientific literacy, in the results of this project, to improve their professional skills through the transfer of solutions and experiences and the usability of project outputs. At the same time, students will be tried to face such innovative practices to show another way to learn while having fun, to engage and influence their daily activities.
02	Staff of Partner Organizations	These groups can be an effective tool in ensuring the widespread impact of the project. Thus, by providing the multiplier effect at local and regional level, it can get closer to the goals of the project. In this context, incentives will be triggered to raise awareness of innovative practices and thus open the door to new applications in different learning areas.

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

03	Parents, Education Authorities, Education Experts, Civil Society	Local and regional participants, students, parents, education authorities, representatives of the education sector, civil society representatives in the field of education and groups directly and indirectly related to education will form our local community in order to transfer the intellectual outputs and thus to spread the project results to large masses.
04	Sectorial and Global Organizations	These organizations to be more active in the field of education; to determine the intersection points so that the services / products they produce in the context of innovative technologies and education reach more to the people involved in education; We will try to guide the sectoral policies and actions
05	School Networks Academics and Institutions	In order to protect the holistic structure of education and equal opportunities, it is important that such applications are known and usable by everyone. In this context, we will try to ensure the circulation of innovative project results among such institutions and to influence school practices in order to share solutions for organizations in the environment and school network with similar needs. In addition, since teacher training organizations such as universities will make an effective contribution to the sustainability of innovative experiences, we will endeavour to circulate and use our project results in the relevant department curricula.
06	Local and National Governments	They are officials in decision making and educational policy making. In this context, to influence national level practices / education policy actions; In order to increase the usability of the project results, to expand their impact and to convey them to more masses, awareness is targeted through various tools such as reporting, press releases, social media citations, etc.

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

5. DISSEMINATION TOOLS AND ACTIVITIES

In this section, it will be explained in which way the consortium intends to use the several dissemination tools and channels. All the contacts established during the project implementation will be gathered on the collaborative platform (sync.com).

The font style and size features to be considered in the content are as follows:

Table 4. Text Information

SECTION	FONT STYLE	SIZE
MAIN TITLE	Century Gothic	11 Punto / Bold / Uppercase
SUBTITLE	Century Gothic	10 Punto / Bold / Capital letter
TEXT CONTENT	Century Gothic	10 Punto / Thin / Capital letter

To guarantee that the dissemination activities of the project reach the predicted goals, a set of measurable indicators are set. Keeping the focus on these indicators will allow the partnership understanding whether the strategy and tools being applied for purposes of dissemination are generating the multiplier impacts or not. For this purpose there are indicators under the title of each dissemination activity.

5.1. Project Logo and Visibility of Union Funding

The logo was approved by a competition with the participation of all partners after the Kick-off Meeting and officially accepted by all relevant partners. The logo for SCIENCE e-ROBOT Project must be used in all the related communication of the project.

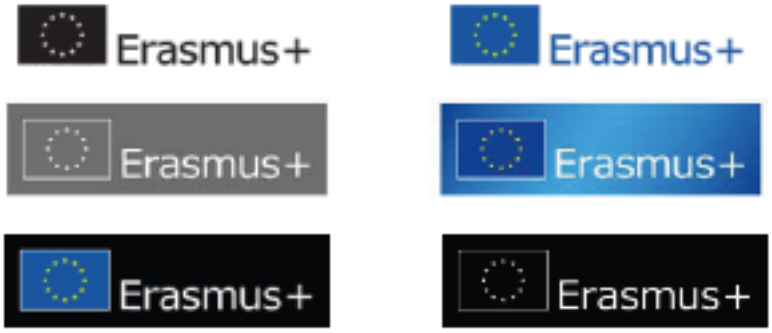
European Commission Logo (https://ec.europa.eu/info/resources-partners/european-commission-visual-identity_en) must be represented in all the related communication of the project. Any communication or publication related to the Project, made by the beneficiaries jointly or individually, including at conferences, seminars or in any information or promotional materials (such as brochures, leaflets, posters, presentations, etc.), shall indicate that the Project has received funding from the Union and shall display the European Union emblem. When displayed in association with another logo, the European Union emblem must have appropriate prominence.

Any communication or publication related to the Project made by the beneficiaries jointly or individually in any form and using any means, will indicate that it reflects only the author's view and that the NA and the Commission are not responsible for any use that may be made of the information it contains. The name of the European Union shall always be used in conjunction with the name of the programme or fund and it will be spelled out in full. The typeface to be used in conjunction with the EU emblem can be any of the following: Arial, Calibri, Garamond, Trebuchet, Tahoma, Verdana. Italic

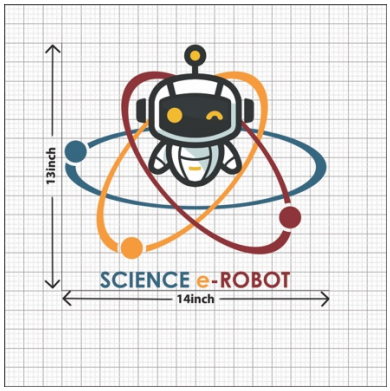
Co-funded by the Erasmus+ Programme of the European Union

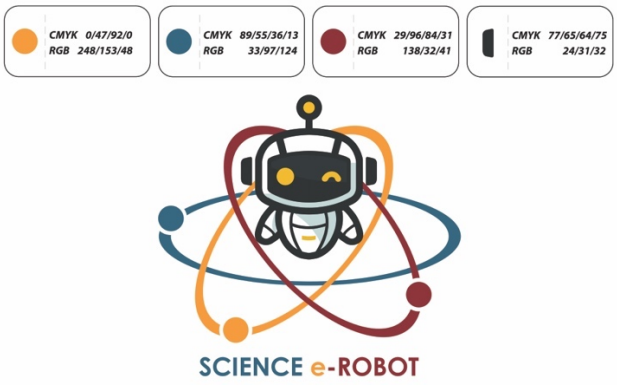
and underlined variations and the use of font effects are not allowed. The positioning of the text in relation to the EU emblem is not prescibed in any particular way but the text should not interfere with the emblem in any way. The font size used should be proportionate to the size of the emblem. The colour of the font should be reflex blue (same blue colour as the EU flag), black or white depending on the background.

In alternative, when the mention of the support of the programme (Co funded by the Erasmus+ Programme of the European Union) is clearly expressed in other part of the publication or media, the following logos can also be used:



LOGO Complete, in colour





The European Commission Logo and Science e-Robot Logo will be presented together in all dissemination materials throughout the project.

Indicators: Number of project logo design

Number of results using the logo

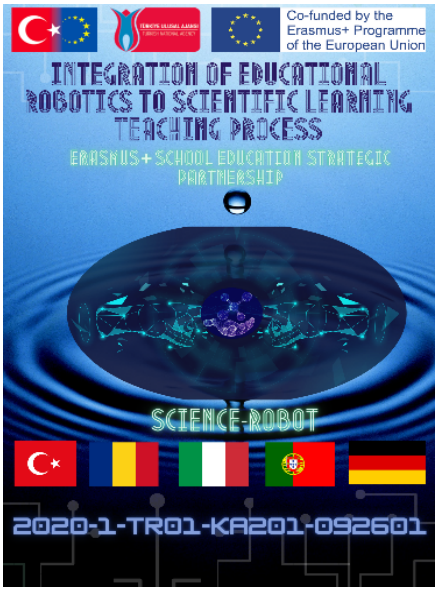
Co-funded by the
Erasmus+ Programme
of the European Union

5.2. Brochures, Posters and The Newsletters

The produced visibility materials (brochure, poster) will be distributed to the partners for dissemination through their various channels. In order to promote the Science e-Robot activities national and international level, brochures and posters contains projects information in it. Hadiye Kuradacı Science and Art Center and General Directorate of Special Education and Guidance Services coordinated the design of the brochures and posters.

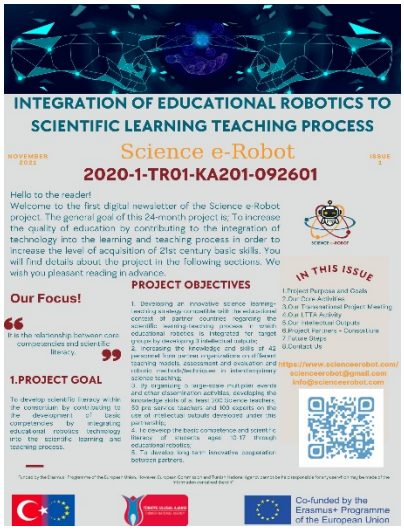
In terms of corporate design, poster, newsletter and a PowerPoint template have been created that include the logo and Science e-Robot Project colours. These templates will be used for every presentation made in order to create same appearance.

Brochures and Posters



Indicators: Number of printed posters, brochures

The Newsletters



Indicators: Number of news bulletins

Shared number of news bulletins

5.3. Project Website

Website- https://www.scienceerobot.com/

Science e-Robot Project official website has been released at the beginning of the project. It will be used as one of the main source to increase the multiplier effect of the project. The website will be designed in English and partner countries languages. This tool is very important because the website could be reached by all target groups.

Indicators: Number of website visits

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

5.4. Social Media

Use of social networks (Instagram, Twitter) is highly encouraged for dissemination of project results because social networks are powerful and versatile tools in terms of spreading the effect of the project. At the end of the project, the project accounts on the social media will be used to promote the activities among the teachers and to keep the relations with partners of the project.

The Science e-Robot Project Instagram, YouTube and Twitter pages help to get in touch with different target group. These pages are used as facilitating tools for the project since they contain information about publications, events and journeys.

With the contribution of the partners, the project web page and social media accounts will be updated with various visual, audio and textual shares.

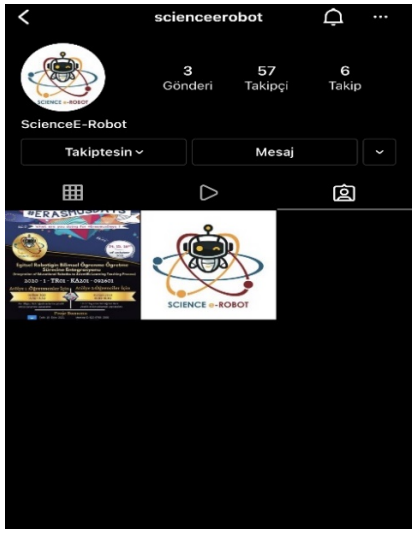
Co-funded by the Erasmus+ Programme of the European Union

@RobotSciencee

Twitter Account

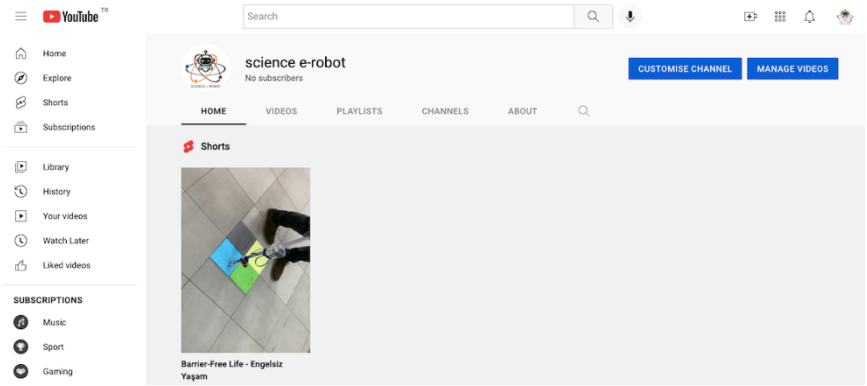
ScienceE-Robot

Instagram Account



science e-robot

YouTube Account



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

Indicators: Number of social network accounts created

Number of posts published in all social network accounts

Number of people reached through posts on social network accounts

Number of visitor to project website

Social media tools and newsletters by sharing relevant links (project website, OER extension) will be used to draw attention to our website and free project outputs.

5.5. Open Educational Resource

By applying to the creative commons licensing organization for the intellectual outputs to be produced within the scope of the project activities; It will be licensed as citationable and non-commercial, editable and shared, and will be made available free of charge to the use of relevant persons / institutions / organizations. For this, we will emphasize that it is free of charge in promotions be made with dissemination tools. Relevant stakeholders will be able to access the content of the open educational resource by logging in for free from the project website, where the project outputs will be opened on the e-workbook platform for the project and the hosting / domain account will be purchased for at least 5 years. Since it will be web-based, they will be able to use this open educational resource wherever the internet is available and regardless of mobile, PC, laptop and tablet. In order to increase the accessibility to the open education resource, we will provide links to the websites of partner organizations, and provide guidance to the project website, which includes our e-workbook, methodological guide, toolkit idea outputs and other results. There will be a corresponding web extension link in every printed, visual, audio dissemination tool. In addition, through web optimization that will increase the availability of our results on the internet through the computational competencies of our Germany partner; it will be tried to be higher in search engines.

Indicators: Number of visitor to OER platform

Number of people registered in OER

Number of activities shared in OER

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

5.6. Other Platforms (EU Networks and Links / Local and European Events)

The methodological guide on implementation from our project outputs will also be downloaded from the relevant link on the project website. On the other hand, Erasmus + Results will be shared in European databases such as EPALE, SEG and e-Twinning platforms, and will be made available to the relevant persons / organizations. In addition, while sharing about the project in the resource repository on the Science Education Community Scientix platform in Europe, it will be ensured that the project web extension link and the methodological guide and tool set are available for download. On the other hand, by sharing available for download on Edmodo and Moodle open education platforms, which are a global education network that brings together various resources and people for educators; free circulation of outputs will take place.

On the other hand, with the contributions of our Turkish partners, our outputs will be included in the Education Information Network (EBA) platform provided by the Ministry of National Education. In addition, many local and centrally organized workshops / courses / seminars and congresses, summits, etc. for the continuous professional development of the relevant personnel. Measures will be taken for the visibility and use of our project outputs in in-service training and various activities.

In addition, we try to circulate our outputs in academic networks with the support of our university partner, and it is possible to recommend our outputs to researchers and experts working in the project field. In addition to these, our schools partners are already using e-learning platforms for school education applications. In this context, using our outputs on these platforms is an effective way.

Within the scope of dissemination activities, the methodological guide and tool set will be shared on CD / DVD. In addition, those CD / DVDs will be sent to the organizations within the network and regional organizations. Similarly, we will share the promotional film of our e-workbook resource and the methodological guide and the toolkit through organization visits, local Erasmusdays and other activities. Together with these, an interaction area will be created for everyone's use and resource exchange on google drive and classroom / dropbox platforms, and we will share the project results here. In addition, we will send our project outputs in the form of e-mail through the database consisting of the e-mail addresses of the participants and other relevant persons. An English version of the project report and methodological guide and toolkit with OER information to create a free resource for all countries of the world, UNESCO, OECD and WEF, as well as for the European community with the relevant departments of the European Commission in the field of education, science and skills. IT sector representatives will be sent via e-mail. While Erasmus + corners and Erasmusdays activities are held in the local spread; In the transnational dimension, we will share in blogs and working groups that will be opened on EPALE and eTwinning platform with the participation of Erasmussays. Erasmus + results and SEG platform are also effective tools we will use in dissemination activities.

Indicators: Number of shares made on other platforms

Number of events held on other platforms

Number of emails sent to the mail database

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

5.7. Press Releases

Press releases will be prepared to coincide with local activities where possible to ensure relevance and interest as part of the project lifecycle. Project partners will prepare press releases to be sent to relevant media contacts maintained in the stakeholder database. These press releases will also be published on the Science e-Robot Project website.

Indicators: Number of news bulletins made in local / national press

5.8. Journal Publications

Articles giving information about the Science e-Robot Project and its outputs will be sent to the appropriate journals. These journals will include academic and project-related industry journals to maximize readership. A record of journals and published articles will be maintained. We will periodically send these publications to local, national authorities and the European Commission Education Department to use them as an effective dissemination tool.

Indicators: Number of articles published

Number of journals to which articles were submitted

5.9. Presentations, Physical Documents and Promotional Material to Support Dissemination

The Science e-Robot Project team will make presentations to stakeholders and other interested groups or organizations. A standardized color, font style and size will help build and maintain the Science e-Robot brand. Additional support materials such as project brochures, posters, Roll Banners and promotional products were produced to be used in the dissemination activities of the partners.

Indicators: Number of presentations made

Number of visibility / promotional materials designed

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

6. DISSEMINATION RESPONSIBILITIES OF PARTNERS

Since dissemination activities are one of the most important pillars of the project to achieve the desired effect, each partner is equally involved in the realization of these activities. First of all, Consortium partners actively participate in dissemination activities in their own local area. While some of the partners have the ability to organize different organizations such as meetings, workshops, workshops and competitions; some also have various experiences with e-learning platforms.

The country partners where the project meetings, multiplier events and short-term training activity take place are responsible for the dissemination of the activities to the National and European dimensions. Partners organize all phases of project promotion and visibility in event announcement, event venue and materials, information, publications and presentations on multiplier events.

With the contribution of the partners, the project web page and social media accounts (facebook, twitter, Instagram and youtube) are updated with various visual, audio and textual posts. While Erasmus+ corners and Erasmusdays activities are carried out in local dissemination; Posts are made in blogs and working groups to be opened on the EPALE and e-Twinning platform with the participation of Erasmussays on a transnational scale. Erasmus+ results and SEG platform are among the effective tools we will use in dissemination activities.

Table 5. Distribution of Main Tasks

Dissemination Coordination	**P0**
Under the coordination of the coordinator organization;	
Implementation of activities	All partners
Impact Assessment	P2 and P6
Publicity and visibility	P3
Use of Results - Sustainability Plan	P1, P2 and P4
Dissemination Plan and Monitoring	P1, P3 and P5
General Monitoring and Evaluation	P1 and P2

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

Common responsibilities:

- Local dissemination events
- Support for monitoring and evaluation
- Control and correction
- Planning activities with the coordinator
- Dissemination and exploitation of project results
- Realization of activities and logistics organization
- The timeliness of the project web page and support for branding

Table 6. Distribution of Responsibilities

Country	Institution	Responsibilities
Turkey	Hadiye Kuradacı Science and Art Center (Coordinator – P0)	P0 is responsible for coordinating, monitoring and evaluating all dissemination events as well as creating dissemination rules that will apply to all partners. The institution is included in a BİLSEM network under the coordination of P1; In addition, its human and hardware resources are qualified. Preparation of visibility materials (brochure, poster), logo contest, project poster by using informatics, visual design and drawing competencies; P0 will also put his organizational skills to work, such as organizing workshop events and e-conferences. It will support the circulation of the project results within the included network with various tools.
	General Directorate of Special Education and Guidance Services (P1)	The central education authority, P1, which regularly informs BİLSEMs and can organize joint training activities, ensures the dissemination and use of the results at the national level. Coordinates dissemination activities with Germany and Italy partner. It also monitors and evaluates the implementation of the dissemination plan.
	Mersin University (P2)	P2; organizes effective scientific organizations such as conferences, seminars, etc., with their experiences from their academic cultures. Project members participating in periodic programs on the university radio share aural information about project implementations and results. In addition, it can prepare articles to be sent to academic journals and organizations with the monitoring and evaluation findings obtained from the project activities and results. It creates a proposal report for the use of the project idea outputs in the science education department courses before the academic year and submits it to the board.

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

Germany	Robycode UG (P3)	In addition to web page design, it increases the availability of websites and printouts with search engine optimization. It is also responsible for the circulation of the project results on the Internet and the effective use of social media. Also, they help to P1 for dissemination monitoring.
Portugal	Agrupamento De Escolas De Portela E Moscavide (P4)	This partner in the school grouping has e-learning platforms for its students and uses the project outputs on these platforms. Since they are active in activities such as festivals, competitions, exhibitions, etc., they also use their experiences in this field.
Italy	Istituto Istruzione Scolastica Superiore "Carlo Alberto Dalla Chiesa" (P5)	They are in the network of schools they are in, they are experienced in the model platform and they use social media tools such as Facebook / Instagram / Twitter effectively. circulation of results in the network; using outputs on the Moodle platform; It is responsible for managing visual, audio and textual broadcasts and Facebook / Instagram / Twitter page and regularly recording traffic counter data (sharing, likes, comments). Also, they help to P1 for dissemination monitoring.
Romania	Liceul National De Informatica Arad (P6)	Partner in a regional network extending from primary to secondary education; proficient in creating didactic resources such as videoconferencing, e-learning platforms, ICT topics and key skills presentations. Network and partner videoconferencing; It shares the outputs on the e-learning platforms with the web page update.

7. OUR OTHER MEASURES FOR DISSEMINATION

We are considering taking advantage of free internet opportunities, existing education and corporate networks. In this context, we will continue to present our new activities, experiences and practical examples developed on the project and partners' social media pages and websites, which will be a good tool for sustaining project results. The contents we have developed for open educational resource for transnational continuity are our Youtube channel, educational blogs and European databases such as EPALE, eTwinning and SEG, which targets continuous improvement in school education. We will use distance learning platforms effectively. In the context of corporate relations; With the support of the project partners, we will organize press conferences / information sessions to invite representatives of the Ministry units and National Agency and other stakeholders related to the project subject, which coordinate national and local practices for the quality of education. We will use the tools that ensure the circulation of outputs in our corporate networks. We will make presentations by following EU sized conferences / meetings with the efforts of our partners.

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

We will try to present our work in the project area in platforms such as conferences, seminars and congresses and to trigger new studies. We will continue to disseminate experiences and results by participating in interdisciplinary science teaching practices such as STEM. We will endeavor to increase our project experience and to ensure the continuity of results in online training platforms that we are members of for professional and personal development. It will be used as teaching material for prospective teachers in interdisciplinary science teaching, instructional technologies etc. lessons opened by our university partner for science teaching; In addition, articles and academic studies will be carried out in addition to submitting reports to university boards and academic networks in order to direct the studies in the field. Thus, the usability of our results will be made permanent in an academic environment where there is new research and circulation, which is training teachers. We will share the new results developed within the scope of the project by keeping our website alive with continuous updates for 5 years during and after the project. In addition, online library and storage resources will ensure the availability of our results. As long as we are tasked with providing education and training services, we will continue to use it as a teaching tool and reference source and thus spread it to student target groups and our professional environment. As we develop concrete new events, competencies and products, we will add them to our open education resource and continue to spread them on our personal accounts (blog, social media, etc.). We will ensure that the project results remain experiential by evaluating internal / external meetings and in-service activities well. The importance of communication between project partners in order to keep our project visible continuously is undeniable. Therefore, we will try to start new studies regarding the project through our target audience and the people / organizations we are in contact with, and to ensure the continuity of our initiatives and results. We will keep the continuous improvement of the project results alive by closely following the current educational and technological developments. It will follow the academic studies; We will add dynamism to the sharing of results by participating in activities organized by organizations (project, science fair / festival / festival). We will ensure the multiplier effect and continuity of the results by developing follow-up and transfer projects related to our project in Erasmus vd grant programs.

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

8. INDICATORS, MONITORING AND REPORTING

Table 7. Disseminiation Outputs and Indicators

ID	TOOL / CHANNEL	CONTENT	INDICATOR	KPI / EXPECTED RESULTS
01	Visibility Product	Branding	Number of project logo design	1
02	Visibility Product	Branding	Number of results using the logo	10
03	Visibility Product	Information, promotion	Number of printed posters / brochures	1000
04	Visibility Product	News, information	Number of newsletters	4
05	Product / Service	News, events, information downloads, feedback, consultation	Number of created website and visits	1 created project website and 1200 visits (along the project)
06	Visibility Product	Twitter, Instagram and Youtube accounts for project	Number of social network accounts created	3 accounts
07	Visibility Product	News, events, information	Number of posts published in all social network accounts	4 post / sharing per month
08	Visibility Product	News, events, information	Number of people reached through posts on social network accounts	1000
09	Service	Events, activities, feedback, pilot testing	Number of visitor to OER platform	400
10	Service	Pilot testing, events, e-learning,	Number of people registered in OER	400
11	Event	e-learning, sharing results, increase impact	Number of activities shared in OER	50

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

12	Channel	EU and national digital platforms	Number of shares made on other platforms	5
13	Product / Events	Fair / Festival / Conferences / symposium / congress, Local / Regional activities,	Number of events held on other platforms	8 events
14	Service	News, information, and consultation	Number of emails sent to the mail database	800
15	Event	News, information, promotion	Number of news bulletins made in local / national press	7 press releases
16	Journals	Research papers; publications technical articles; science education, innovative learning, digitalization themes	Number of articles published	6 informative publications / media appearances
17	Journals	Research papers; publications technical articles; science education, innovative learning, digitalization themes	Number of journals to which articles were submitted	8 informative publications / media appearances
18	Product	Information, sharing experiences	Number of presentations made	10
19	Visibility Product	Promotion, information	Number of visibility / promotional materials designed	15
20	Visibility	Comment, sharing experiences, increase impact	Number of the followers	500

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

All data collected regarding the mentioned dissemination tools and activities will be compiled and reported to the project partners meetings. Responsible partners for dissemination coordination should be made aware of all activities to include in activity records and reports.

In addition, reporting of dissemination activities will be done annually and will be made available to funders as part of their annual project reviews. In addition, the partners are responsible for monitoring, evaluating and proving practices (dissemination activities and communication). They are responsible for effectively using the budget allocated for dissemination activities and ensuring accountability.

Table 8. Dissemination Monitoring Report

	Integration of Educational Robotics to Scientific Learning Teaching Process				
		2020-1-TR01-KA201-092601			
		By Organisation Name :			
Column 1	**Column 2**	**Column 3**	**Column 4**	**Column 5**	**Column 6**
When	**Type of dssemination**	**Description**	**Level (Regional, National, European)**	**Web address or indication where you can find it**	**Kind and number of stakeholder, public, etc.**

9. REFERENCES

Communication, Dissemination and Exploitation texts (Application form, Science e-Robot project, 2020)

https://wayback.archive-it.org/12090/20210122031341mp_/https://eacea.ec.europa.eu/about-eacea/visual-identity-and-logos-eacea/erasmus-visual-identity-and-logos_en

https://wayback.archive-it.org/12090/20210304083114mp_/http://ec.europa.eu/research/pdf/eu_emblem_rules_2012.pdf

https://wayback.archive-it.org/12090/20210611101251/https://ec.europa.eu/programmes/erasmus-plus/sites/default/files/erasmus_2021_27-visual_guidelines-en.pdf

https://wayback.archive-it.org/12090/20210122083443mp_/https://eacea.ec.europa.eu/sites/eacea-site/files/multilingual_disclaimers_for_beneficiaries.pdf

https://www.ua.gov.tr/kurumsal/logolar/

https://ec.europa.eu/programmes/erasmus-plus/programme-guide/annexes/annex-ii_en

Dissemination Plan – ZERO WASTE project, Karesi Municipality, 2020

Communication and Dissemination Plan – HY2GREEN project, 2017

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