



The Erasmus+ project Greencode team during a meeting in Genoa, Italy.

Welcome to our third Greencode Newsletter! In this issue, we offer a closer look at the final transnational project meeting in Genoa, as well as the results of the project, and how the project multiplier event “Greencode Days” was held in our partner countries.

On September 1, 2023, the Erasmus+ project GREENCODE “Building an Eco-Friendly Future with Robots” was launched. The project was completed in August this year, and the project’s objectives were achieved. The project team worked closely together to achieve the vision and develop teaching materials, promote environmental awareness, encourage computational thinking through educational robotics activities, and provide an inquiry-based learning model to preschool education in all partner countries. The project team is pleased with what has been achieved and is confident that this is a step towards improving the skills and training opportunities of preschool teachers.

Throughout the project, the project partners remained committed to their vision of promoting children’s interest in nature and the world around us. The project partners are convinced that the world of the future will be shaped by our

children; therefore, strengthening environmental awareness, respect and love for nature is extremely important in all partner countries.

TPM in Genoa

In May 2025, the project partners met in Genoa, Italy, for their last transnational project meeting and working sessions to develop the necessary improvements to the results and plan dissemination activities. The project partners were also given the opportunity to be inspired and take a look at how teaching is carried out at the Scuola di Robotica (Genoa).

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Project results

In August 2025, we are thrilled to announce that all materials developed by the Greencode project are ready and available to all interested parties on the project website: <https://www.greencodeproject.com/>

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Greencode days

In the summer of 2025, multiplier events “Greencode Days” were held in all partner countries, bringing together participants from the education system to introduce them to the project’s objectives, progress, and developed materials.

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Final Transnational Project Meeting

On 27–28 May 2025, the partners of the Erasmus+ project Building an Eco-Friendly Future with Robots gathered for their final transnational project meeting in Genoa, Italy, hosted by Scuola di Robotica (SDR).



The meeting took place at the InnovaLab, located near the historic city centre and the Old Port of Genoa, providing an inspiring backdrop for the consortium's concluding discussions.



Reviewing Project Results

Over the two days, partners from Latvia, Germany, Portugal, Italy, Ireland, Türkiye, and Croatia presented and reflected on the achievements of the project. The agenda covered the finalisation of the Greencode Card Game, translation and formatting of video tutorials, and evaluation of the piloting phase



Partners also reviewed dissemination efforts, discussed indicators for quality and impact assessment, and outlined the preparation of the upcoming GREENCODE DAYS events.



Exchange

During the visit, the team had the opportunity to explore the facilities of Scuola di Robotica, including its laser cutting and 3D printing workshop space SPOCK.

The hosts showcased how Italian colleagues integrate educational robotics with environmental education, sharing innovative practices applied in their work with children. Participants also toured the school premises and equipment, gaining valuable insights into practical applications of robotics for eco-friendly learning.

The social programme included a joint dinner and the option of a guided tour of Genoa, giving partners the opportunity to experience the city's cultural heritage and to strengthen informal networking.



Looking Ahead

The meeting concluded with the awarding of final certificates, photo documentation, and a clear to-do list for the last months of the project. The Genoa meeting marked both the completion of intensive project work and the beginning of a new phase of dissemination.



effectiveness in teacher training. Beyond piloting, numerous dissemination events introduced the materials to practicing preschool teachers in Türkiye, Ireland, Germany, and Italy, broadening the project's reach and impact.

All project results are available on the project website www.greencodeproject.com, and in each of the seven partner countries, distribution lists were used to disseminate the outputs to schools, preschools, and other key education institutions. This approach ensures that the innovative GREENCODE tool kit and practices developed during the project will continue to be widely disseminated and applied in early childhood education across Europe.

The list of project results

1. GREENCODE Curriculum Modules



2. GREENCODE Lesson Plans - Inspiration for Better Course Delivery Process



3. GREENCODE Digital Handbook - Learning Model



4. GREENCODE Activity Book - Learning Activities



5. GREENCODE Dream City Card Game



6. GREENCODE Video Tutorials



All materials developed in the GREENCODE project are published on the project website:

<https://www.greencodeproject.com/>

Highlights of Project Results

Overview

GREENCODE - The Building an Eco-Friendly Future with Robots project has successfully achieved its planned results. All educational materials have been fully developed and translated into the languages of the partner countries, ensuring accessibility and meaningful use in different educational contexts.

As part of the dissemination activities, GREENCODE Days were organised in all partner countries, reaching a total of 280 current and future teachers. These events provided participants with the opportunity to explore the project's outputs and learn how to integrate educational robotics into environmental education practices.

In addition, the project's learning materials were piloted with 94 preservice preschool teachers in universities in Portugal, Croatia, and Latvia. Their feedback contributed to refining the content and validating its

Greencode Days

Greencode Day in Latvia (University of Latvia)

In August 2025, an event was held at the Faculty of Education Sciences and Psychology of the University of Latvia, bringing together members of educational institutions from all over Latvia (early childhood education teachers, principals, methodologists, etc.).



The response was enthusiastic, and teachers were delighted to learn about the Erasmus+ project Greencode, its goals, and the materials developed.



During the event, teachers had the opportunity to participate in various workshops offering hands-on activities with educational robotics, as well as Greencode materials such as an Activity book and Card Game.



Participants were very interested in trying out these materials on the spot, downloading them, and bringing them back to their classrooms.



Many teachers expressed their admiration for the interesting Card Game and noted that educational robotics is a fun, interesting, and modern way to learn about various topics, including environmental education.



Greencode Day in Portugal (Politecnico de Viseu)

In Viseu, the GREENCODE Day was celebrated together with the 4th Seminar on Education, Technologies and Learning - an annual event organised by the School of Education for teachers, future teachers, leaders and families.



On the 7th of July, the participants enjoyed talks about makerspaces, educational robotics and societal challenges that we face together. There were also hands-on workshops that promoted practical skills and critical thinking.



The Dream City Card Game was a highlight for the workshop participants as Early Childhood and Primary Education teachers got involved in the creation of narratives about environmental problems and solutions, played out with robots.



The team presented the GREENCODE Kit and discussed approaches to meaningful learning on sustainability as well as children's role as active change agents.

Greencode Day in Croatia (University of Rijeka)

On 11 June 2025, the GREENCODE DAY took place at the Faculty of Teacher Education in Rijeka as the final event of the GREENCODE project.



The project results were presented at this event: Teaching materials for the undergraduate course, Handbook, Activity Book, Lesson Plans, Video materials and Card Game.



Educators presented good practice examples that correspond to the theme of the GreenCode project, while 3rd-year ECE students presented their work produced during the pilot course.



At the end of the event, participants were able to try out working with robots and a Card Game that had been designed and created as one of the project outcomes. The participants show a high willingness to use GREENCODE materials in their work with children, especially the Activity Book and the Dream City Card Game.

Greencode Day in Ireland (Early Years ROI)

On Wednesday, 11 June 2025, Early Years – the organisation for young children – hosted a successful celebration event at the Four Seasons Hotel, Monaghan ROI, focusing on presenting the published Project Results of the Erasmus+ GREENCODE Project.



The celebration at the Four Seasons Hotel served not only as a showcase of the project's achievements but also as a platform for discussion and reflection. Attendees had the opportunity to explore the project's results, including interactive teaching materials, inquiry-based activity guides, and engaging video content designed specifically for early years educators and children.



Throughout the day, participants engaged in meaningful conversations and discussions about the importance of fostering environmental awareness in young children. There was particular interest in how the GREENCODE materials could add value to existing preschool practices, with participants reflecting on how the GREENCODE project resources could influence their own curriculum, particularly in the fields of sustainability and eco-friendly habits.



The event concluded with a commitment from all participants to begin to implement the learning from the project and try out the GREENCODE activities and materials so that children will understand the importance of caring for the planet and recognise the roles they can play in protecting the world around them.

"The GREENCODE Project has given us the tools, language, and confidence to talk to children about the environment in ways that are hopeful, empowering, and rooted in their everyday lives."

Greencode Day in Turkey (Educational Technology company Mellis)

The GREENCODE Day in Çanakkale was a success, with participation from local preschool teachers, preschool pre-service teachers from Çanakkale Onsekiz Mart University, computer engineering students at the same university, ÇABAÇAM

Preschool administrators, representatives from the environmental association, and curriculum development specialists.



On 10 May 2025, participants came together. They got involved in the keynote speeches and interactive hands-on sessions where they could discuss the benefits of acquiring upper thinking skills starting from early years through eco-friendly learning activities and the use of educational robotics.



The participants also found an opportunity to review the GREENCODE Kit prepared by the project partners.



At the end of the Erasmus+ project GREENCODE “Building an Eco-Friendly Future with Robots”

At the end of this project, which was dedicated to providing early childhood education teachers with the necessary knowledge, skills, and competencies related to environmental education, educational robotics, and inquiry-based learning model, we, the project partners, are happy to be on the path towards a world where learning brings joy, creativity, fun, a love of exploring, love for the world, sustainability, and modern technologies. We hope that with these materials, we have empowered teachers (both future and present) not only to improve their skills, but also to learn new daily habits and engage in interesting discussions with children about the world around us.

Early education is a time when curiosity meets action - when small steps lead to meaningful change. May Greencode materials inspire educators, families, and children to take care for the world around them!



All materials developed and news about the GREENCODE project are published on the project website: <https://www.greencodeproject.com/>

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