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# ZERO FOOD WASTE

## ZERO FOOD WASTE VOLUNTEERS WITH ART

### LTT ACTIVITIES REPORT

2026

# ZERO FOOD WASTE VOLUNTEERS WITH ART

## 1. INTRODUCTION

The **Learning, Teaching and Training (LTT) Activities** implemented within the Erasmus+ KA220-SCH project “**Zero Food Waste Volunteers with Art**” played a central role in achieving the project's educational objectives and developing its intellectual outputs. Designed as a combination of physical and virtual learning experiences, these activities provided participants with opportunities to strengthen their knowledge and skills in environmental sustainability, food waste prevention, digital education, creative learning methods, and international cooperation.

Throughout the project, a total of **eleven Learning, Teaching and Training activities** were successfully organised, including **six physical mobilities** and **five virtual training activities**, hosted by different partner organisations. Each activity was carefully planned to address specific project objectives while contributing to the progressive development of the project's educational resources, particularly the **Zero Food Waste Volunteers with Art E-learning Module**.

The LTT activities combined theoretical learning with practical application through workshops, collaborative discussions, local observations, digital content development, artistic production, and intercultural exchange. Participants worked together to develop educational materials, create animation scenarios, compose and rehearse project songs, observe innovative local practices, and exchange methodologies that could be adapted within their own organisations.

Beyond the development of tangible project outputs, the activities strengthened cooperation among partner organisations, enhanced participants' professional and digital competences, encouraged intercultural dialogue, and promoted a shared European approach to environmental education. Continuous evaluation through pre-tests, post-tests, participant feedback, and reflective discussions ensured the quality and effectiveness of each activity while supporting the continuous improvement of subsequent training events.

This report provides a comprehensive overview of all Learning, Teaching and Training activities carried out during the project, presenting their objectives, implementation process, main achievements, contribution to the project outputs, and overall impact on participants and partner organisations. It also serves as a record of the collaborative learning journey that enabled the partnership to successfully transform project ideas into sustainable educational resources and practical learning experiences.

## 2. OVERVIEW OF LEARNING, TEACHING AND TRAINING ACTIVITIES

The Learning, Teaching and Training (LTT) activities were designed as a progressive learning pathway supporting the implementation of the project and the development of its educational outputs. Combining face-to-face mobilities with virtual training activities, the programme enabled participants to exchange knowledge, develop practical skills, observe innovative educational practices, and collaboratively produce the project's intellectual outputs.

The physical LTTs focused on hands-on learning, local workshop observations, intercultural exchange, and collaborative development of project materials, while the virtual LTTs provided flexible opportunities for thematic training, online collaboration, and coordination of project deliverables. Together, these activities ensured continuous cooperation among partner organisations throughout the project lifecycle and contributed directly to the development of the **Zero Food Waste Volunteers with Art E-learning Module**, educational animations, project songs, and other learning resources.

The following table provides an overview of all Learning, Teaching and Training activities implemented during the project.

| Activity               | Host Organisation                       | Country  | Dates                       | Format       | Main Theme                                                            |
|------------------------|-----------------------------------------|----------|-----------------------------|--------------|-----------------------------------------------------------------------|
| <b>1st Virtual LTT</b> | Meram Osmangazi Secondary School (MOGO) | Türkiye  | 2–4 December 2024           | Online       | Poetry Writing Techniques for Song Lyrics                             |
| <b>1st LTT</b>         | Collegium Balticum                      | Poland   | 6–10 January 2025           | Face-to-face | Web 2.0 Tools and E-learning Module Development                       |
| <b>2nd Virtual LTT</b> | Konya Metropolitan Municipality         | Türkiye  | 5–7 May 2025                | Online       | Access to Safe Food and Food Waste Prevention                         |
| <b>2nd LTT</b>         | Potencial Institut (PISOP)              | Slovenia | 17–21 May 2025              | Face-to-face | Climate and Environmental Problems                                    |
| <b>3rd LTT</b>         | Värska Gymnasium                        | Estonia  | 12–16 May 2025              | Face-to-face | Local Workshop Observation and Lyrics Evaluation                      |
| <b>4th LTT</b>         | Liceul Tehnologic „Gheorghe Marzescu”   | Romania  | 29 September–3 October 2025 | Face-to-face | Local Workshop Observation, Song Composition and Animation Scenarios  |
| <b>3rd Virtual LTT</b> | Collegium Balticum                      | Poland   | 7–9 October 2025            | Online       | Animation Creation and Animaker Training                              |
| <b>5th LTT</b>         | I.C. 1 Mazza-Colamarino                 | Italy    | 10–14 November 2025         | Face-to-face | Food Waste Prevention, Sustainable Practices and E-module Development |
| <b>4th Virtual LTT</b> | IRARU                                   | Austria  | 12–14 January 2026          | Online       | Voice Training and Song Rehearsals                                    |
| <b>5th Virtual LTT</b> | Meram Osmangazi Secondary School (MOGO) | Türkiye  | March 2026                  | Online       | Local Workshop Evaluation and Finalisation of the E-learning Module   |
| <b>6th LTT</b>         | IRARU                                   | Austria  | 13–17 April 2026            | Face-to-face | Music Education and Professional Song Recording                       |

### 3. IMPLEMENTATION OF THE LEARNING, TEACHING AND TRAINING ACTIVITIES

The implementation of the Learning, Teaching and Training (LTT) activities followed a structured and progressive approach, ensuring that each mobility built upon the outcomes of the previous one while contributing to the overall objectives of the project. Throughout the implementation period, partner organisations successfully organised a series of face-to-face and virtual training activities that combined theoretical learning, practical workshops, collaborative project development, intercultural exchange, and continuous evaluation.

Each activity was designed around a specific thematic focus, ranging from digital education and environmental sustainability to food waste prevention, creative writing, animation production, music education, and the development of innovative educational resources. The combination of physical mobilities and online learning opportunities enabled continuous cooperation among partners, ensuring that project activities progressed efficiently despite the geographical distance between participating organisations.

During the LTT activities, participants actively engaged in workshops, collaborative discussions, practical exercises, local observations, and group assignments. These activities not only enhanced participants' professional, digital, and intercultural competences but also contributed directly to the development of the project's key outputs, including the **Zero Food Waste Volunteers with Art E-learning Module**, educational animations, project songs, teaching materials, and dissemination resources.

The following sections provide a detailed overview of each Learning, Teaching and Training activity, including its objectives, implemented activities, contribution to project outputs, learning outcomes, and key results achieved throughout the project.

## IMPLEMENTATION OF THE LEARNING, TEACHING AND TRAINING ACTIVITIES

### 3.1 FIRST VIRTUAL LEARNING, TEACHING AND TRAINING ACTIVITY – POETRY WRITING TECHNIQUES FOR SONG LYRICS

**Host Organisation:** Meram Osmangazi Secondary School (MOGO), Türkiye

**Dates:** 2–4 December 2024

### 3.2 FIRST LEARNING, TEACHING AND TRAINING ACTIVITY – WEB 2.0 TOOLS AND E-LEARNING MODULE DEVELOPMENT

**Host Organisation:** Collegium Balticum – Akademia Nauk Stosowanych, Poland

**Dates:** 6–10 January 2025

### 3.3 SECOND VIRTUAL LEARNING, TEACHING AND TRAINING ACTIVITY – ACCESS TO SAFE FOOD AND FOOD WASTE PREVENTION

**Host Organisation:** Konya Metropolitan Municipality, Türkiye

**Dates:** 5–7 May 2025

### 3.4 SECOND LEARNING, TEACHING AND TRAINING ACTIVITY – CLIMATE AND ENVIRONMENTAL PROBLEMS

**Host Organisation:** Potencial Institut (PISOP), Slovenia

**Dates:** 17–21 May 2025

### 3.5 THIRD LEARNING, TEACHING AND TRAINING ACTIVITY – LOCAL WORKSHOP OBSERVATION AND LYRICS EVALUATION

**Host Organisation:** Värskä Gümnaasium, Estonia

**Dates:** 12–16 May 2025 \*

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### **3.6 FOURTH LEARNING, TEACHING AND TRAINING ACTIVITY – LOCAL WORKSHOP OBSERVATION, SONG COMPOSITION AND ANIMATION SCENARIO DEVELOPMENT**

**Host Organisation:** Liceul Tehnologic de Electronică și Telecomunicații „Gheorghe Marzescu”, Romania

**Dates:** 29 September–3 October 2025

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### **3.7 THIRD VIRTUAL LEARNING, TEACHING AND TRAINING ACTIVITY – ANIMATION CREATION AND ANIMAKER TRAINING**

**Host Organisation:** Collegium Balticum – Akademia Nauk Stosowanych, Poland

**Dates:** 7–9 October 2025

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### **3.8 FIFTH LEARNING, TEACHING AND TRAINING ACTIVITY – FOOD WASTE PREVENTION AND SUSTAINABLE PRACTICES**

**Host Organisation:** I.C. 1 Mazza-Colamarino, Italy

**Dates:** 10–14 November 2025

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### **3.9 FOURTH VIRTUAL LEARNING, TEACHING AND TRAINING ACTIVITY – VOICE TRAINING AND SONG REHEARSALS**

**Host Organisation:** IRARU, Austria

**Dates:** 12–14 January 2026

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### **3.10 FIFTH VIRTUAL LEARNING, TEACHING AND TRAINING ACTIVITY – LOCAL WORKSHOP EVALUATION AND FINALISATION OF THE E-LEARNING MODULE**

**Host Organisation:** Meram Osmangazi Secondary School (MOGO), Türkiye

**Dates:** 3–5 March 2026 \*\*

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### **3.11 SIXTH LEARNING, TEACHING AND TRAINING ACTIVITY – MUSIC EDUCATION AND PROFESSIONAL SONG RECORDING**

**Host Organisation:** IRARU, Austria

**Dates:** 13–17 April 2026

## 4. CONTRIBUTION TO PROJECT OUTPUTS

The Learning, Teaching and Training (LTT) activities played a fundamental role in the development, refinement and validation of the project's educational outputs. Each activity was designed to contribute to a specific stage of the project, ensuring that the final results were created through a collaborative, practice-based and international learning process.

The initial virtual and face-to-face training activities established the pedagogical and technical foundations of the project by introducing participants to creative writing techniques, Web 2.0 tools and digital content development. These activities enabled the partnership to design the structure of the **Zero Food Waste Volunteers with Art E-learning Module**, define common quality standards and prepare the first educational materials.

Subsequent LTT activities focused on climate change, environmental sustainability, food waste prevention and the observation of local workshops. The knowledge, methodologies and good practices collected during these activities were incorporated into the e-learning module, enriching its content with practical examples, innovative educational approaches and locally tested solutions from different partner countries.

Creative activities carried out throughout the project contributed directly to the production of original educational resources. Participants collaboratively developed song lyrics, prepared animation scenarios, created educational visuals and designed interactive learning materials. These resources were progressively refined during the virtual and face-to-face activities before being integrated into the project's digital learning environment.

The animation-focused virtual training provided participants with the technical competences required to develop educational animations using digital tools, while the music education activities organised by the Austrian partner enabled the rehearsal, refinement and professional recording of the project songs. Together, these activities transformed creative ideas into high-quality educational materials that enhanced the accessibility and attractiveness of the project's learning resources.

As a result of the collaborative work carried out during all Learning, Teaching and Training activities, the partnership successfully produced the **Zero Food Waste Volunteers with Art E-learning Module**, educational animations, original project songs, teaching materials, workshop methodologies and supporting educational resources. These outputs constitute sustainable, open-access learning resources that continue to promote environmental awareness, food waste prevention and creative learning beyond the lifetime of the project.

## 5. OVERALL RESULTS AND IMPACT

The Learning, Teaching and Training (LTT) activities generated significant educational, professional and organisational benefits for all project partners. Through six face-to-face mobilities and five virtual training activities, participants acquired new knowledge, exchanged innovative practices and collaboratively developed educational resources addressing food waste prevention, environmental sustainability and creative learning.

One of the most significant outcomes of the LTT programme was the successful development of the **Zero Food Waste Volunteers with Art E-learning Module**. The progressive structure of the activities enabled partners to contribute to every stage of its development, from defining the educational framework and preparing learning content to creating animations, composing project songs and integrating interactive digital materials. The collaborative approach ensured that the final learning resource reflected the expertise, experiences and educational practices of all partner organisations.

The activities also strengthened participants' professional competences in digital education, environmental awareness, creative teaching methodologies and international teamwork. Teachers expanded their capacity to use

innovative educational tools and learner-centred approaches, while students actively participated in creative processes such as songwriting, animation development and local environmental workshops. These experiences promoted active learning, critical thinking, creativity and greater awareness of responsible food consumption and sustainable lifestyles.

The exchange of good practices among partner organisations enhanced the quality of local educational activities and encouraged the adaptation of successful methods to different educational contexts. Observations carried out during local workshops enabled participants to compare approaches, identify effective teaching strategies and incorporate practical experiences into the project's educational resources.

The LTT activities also reinforced long-term cooperation among partner organisations by establishing effective communication, collaborative working methods and a shared commitment to promoting environmental education through innovative and artistic approaches. The combination of face-to-face collaboration and virtual learning ensured continuous progress throughout the project and strengthened the partnership's capacity to implement future international initiatives.

Overall, the Learning, Teaching and Training activities achieved their intended objectives and made a substantial contribution to the project's results. Beyond the production of high-quality educational outputs, they created a sustainable network of educators and learners committed to raising awareness of food waste prevention and environmental sustainability through creative, inclusive and innovative educational practices

## 6. EVALUATION AND CONCLUSIONS

The Learning, Teaching and Training (LTT) activities were continuously monitored and evaluated throughout the project to ensure that the planned objectives were successfully achieved and that each activity contributed effectively to the overall project implementation. A combination of **pre-tests, post-tests, participant questionnaires, observation methods, group discussions and feedback sessions** was used to assess both the learning outcomes and the quality of the training activities. These evaluation methods provided valuable evidence of participants' progress and supported the continuous improvement of subsequent mobilities.

The evaluation results demonstrated a clear improvement in participants' knowledge and competences related to food waste prevention, environmental sustainability, digital education and creative teaching methodologies. Participants reported increased confidence in applying innovative educational approaches, using digital tools, and integrating artistic methods into environmental education. The positive feedback received from both teachers and students confirmed the relevance, quality and practical value of the learning activities.

Regular reflection meetings held during and after each activity enabled the partnership to review achievements, identify challenges and agree on necessary adjustments for future activities. This collaborative evaluation process strengthened communication among partners, ensured consistency in the implementation of project tasks and contributed to the successful completion of the project's educational outputs.

Overall, the Learning, Teaching and Training activities achieved their intended objectives and represented one of the project's greatest strengths. The combination of face-to-face collaboration, virtual learning, practical workshops and intercultural exchange created a dynamic learning environment that promoted active participation, creativity and international cooperation. Beyond the successful development of the project's outputs, the activities established lasting partnerships, enhanced institutional capacities and provided participants with knowledge and skills that will continue to support environmental education and food waste prevention initiatives beyond the lifetime of the project.

The experiences gained throughout the LTT programme demonstrate the value of combining innovative educational methods, digital technologies and creative learning approaches within international cooperation

projects. The educational resources, methodologies and partnerships developed during these activities provide a sustainable foundation for future initiatives and contribute to the long-term dissemination and exploitation of the project's results.

## 7. EVIDENCE LINKS

- **Annex 1:** First Virtual LTT – Evidence Folder
- <https://drive.google.com/drive/folders/1hpqE0aaxDBd6BY7hwnJEIwUg8NsQtj>
- **Annex 2:** First LTT (Poland) – Evidence Folder
- <https://drive.google.com/drive/folders/13XnE1pS2cP91ng0qdpS9DY9JeoxLorbe>
- **Annex 3:** Second Virtual LTT – Evidence Folder
- [https://drive.google.com/drive/folders/1\\_07V69yrcjZahLo2FT9e8cLjq4hn0Hjk](https://drive.google.com/drive/folders/1_07V69yrcjZahLo2FT9e8cLjq4hn0Hjk)
- **Annex 4:** Second LTT (Slovenia) – Evidence Folder
- [https://drive.google.com/drive/folders/1zSY5buCfe\\_2dT5DMCOVQLQoPsuyA8Xs8](https://drive.google.com/drive/folders/1zSY5buCfe_2dT5DMCOVQLQoPsuyA8Xs8)
- **Annex 5:** Third LTT (Estonia) – Evidence Folder
- <https://drive.google.com/drive/folders/1iHJX7lyMMsB4JD35UmLsq2AjOhrJR5aB>
- **Annex 6:** Fourth LTT (Romania) – Evidence Folder
- <https://drive.google.com/drive/folders/14EKnaZ35u7bDa9aN3Tazpf9aSdSMq66F>
- **Annex 7:** Third Virtual LTT (Poland) – Evidence Folder
- <https://drive.google.com/drive/folders/1LC75yuQDewIeQ9ZvbRBwMSfNI7LIjBYK>
- **Annex 8:** Fifth LTT (Italy) – Evidence Folder
- [https://drive.google.com/drive/folders/1j8Zvq2\\_0-gHe1R40-5Gz5J6Fzoy8g7c](https://drive.google.com/drive/folders/1j8Zvq2_0-gHe1R40-5Gz5J6Fzoy8g7c)
- **Annex 9:** Fourth Virtual LTT (Austria) – Evidence Folder
- [https://drive.google.com/drive/folders/1vs6rpf8bx2d\\_dicVXr7YvQ-mBajoAlZv](https://drive.google.com/drive/folders/1vs6rpf8bx2d_dicVXr7YvQ-mBajoAlZv)
- **Annex 10:** Fifth Virtual LTT (Türkiye) – Evidence Folder
- <https://drive.google.com/drive/folders/106xjdxEyc6kXAP3SrunWFoAs-tB-53ho>
- **Annex 11:** Sixth LTT (Austria) – Evidence Folder
- <https://drive.google.com/drive/folders/1VWsZttzP0OL71xPNpXCGwRfKnGTel1kx->