



EnCycLEd

Erasmus+ Project

Enhancing Cybersecurity  
Literacy in Education

#3

July 2025

# NEWSLETTER

## PROJECT PARTNERS

University of Innsbruck  
Ruprecht-Karls-University Heidelberg  
University of Macedonia  
Ukrainian Academy of Cybersecurity  
REACH Innovation  
Science Entrepreneurship Technology University  
Kyiv Vocational College  
ASCEND Consulting  
American Farm School

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## Editorial

**Welcome to the third edition of the EnCycLEd Newsletter!**

Since our last update, the team has made exciting progress, from fully finalising the first three **modules of the curriculum** to interacting with educators, through the **didactic workshops** held this year with partner schools.

In this issue, we celebrate our partnership and the progress behind the project: developers, educators, students and communicators who are collaborating at best quality, so that the EnCycLEd Erasmus+ Project can make a difference in **Cybersecurity Awareness**. Together, we are aiming for more than a curriculum. ***We are shaping a mindset in which cybersecurity matters!***



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## Project Milestone: Interim Report Submitted!

We are pleased to report that the EnCycLEd team has reached a **significant milestone** in the project: the **completion and submission of the interim report to the European Commission**. This marks the successful conclusion of the first phase of the project, which focused on developing the **teaching materials** about cybersecurity, and the **digital platform** that supports their delivery and usage.

**Comprehensive surveys** with teachers and students were carried out, during the first phase of the project, to better understand their needs and expectations. This valuable feedback has guided the development of our **teaching resources, the core component of the EnCycLEd work**.

A dedicated online platform was created (<https://go.encycled.eu/>) to host the developed materials. This includes both core content and **complementary resources**, tailored to educators and students as well a **career and study pathways guide** in the cybersecurity area.

**Initial tests were conducted** providing insights into the effectiveness and usability of the platform and the produced material.

In the next phase, the team will focus on **finalising** the teaching materials and **incorporating the feedback** received to improve both the materials and the platform. Particular attention will be given to **enhancing the didactic workshops**, in order to ensure that they effectively support the implementation of the project in the classroom.

A key milestone during this next stage will be the **'Training the Trainers' workshop in Malta**. This essential event will define the further steps, and will provide a comprehensive **pilot guide to facilitate successful adoption in schools**.

**The EnCycLEd team is grateful for the dedication and teamwork of all the partners**, and is committed to sharing the ongoing progress with positivity and transparency.

*The latest additions to the EnCycLEd curricula are ready and the final adjustments are being made. The last two modules: Module 4 - Cyber Defender; and Module 5 - Simulation, offer good opportunities for interaction, exploration and reflection for students and teachers.*

### **Module 4 – Cyber Defender: Inspire, Investigate & Innovate**

Structured in line with the previous modules, **this unit enables students to explore the multi-faceted world of cybersecurity through real-world stories** and active learning. Interviews were conducted with three cybersecurity professionals so that **students and teachers can assess the scale of the importance of cybersecurity**. Some possibilities for didactic use are being discussed with partners in the educational field, such as, for example, relating interviews with local professionals to encourage students to create new content, thus **promoting the appropriation of learning**.

These activities will be tested in advance, especially during the training programme in Malta, so that students and educators can be guided to start similar activities.

### **Module 5 – Simulation: Negotiating for Cyber Peace**

Inspired by the Internet Governance Forum's Dynamic Coalition on Cyberspace, **this module engages students in a role-play to negotiate a cyber peace document, deepening their understanding of digital diplomacy and ethics.**

#### **Educator Resources**

Support materials and a literature review assist teachers in tailoring the module to different age groups, with guidance on simplifying or advancing the activities.

#### **Reflective Outcomes**

The module encourages dialogue between students and teachers, leading to outcomes like personal reflections or digital journal creation.

# PLATFORM DEVELOPMENT & ACCESSIBILITY

## EnCycLEd Platform Enters Final Testing Phase

The development of the **EnCycLEd platform** <https://go.encycled.eu/> has reached its final testing phase, marking a significant milestone in the project's progress. While content is still being finalised and uploaded, a substantial portion of the material is already available to project partners, with new educational resources continuously being added to enhance the platform's value for both educators and students.

During this phase, teachers from partner institutions are actively engaging with the platform, exploring its features and testing its functionality. Their **feedback plays a crucial role in fine-tuning the user experience** and ensuring the platform is as effective and accessible as possible. To support wider usage, the platform is also being prepared in **multiple languages**, reflecting the project's commitment to **inclusivity and collaboration across borders**.

With internal technical testing well underway and valuable feedback gathered from educators and students, the platform is steadily moving towards its full release.

***We look forward to sharing the final version with a wider audience soon!***

## Higher Accessibility through Multi-languages

The **EnCycLEd Project Website and Platform** are now available in the multiple languages of our Consortium Partners! Besides the original version in **English**, our visitors can now access the EnCycLEd content in **German, Greek, Maltese and Ukrainian**. Check them out!

<https://www.encycled.eu/> & <https://go.encycled.eu/>

This **inclusive translation feature** is aligned with the Project **Sustainability Strategy**, as one of the measures to increase the uptake of the outcomes and results, ensuring their usage beyond the duration of the project.





# TESTING AND DIDACTIC WORKSHOP

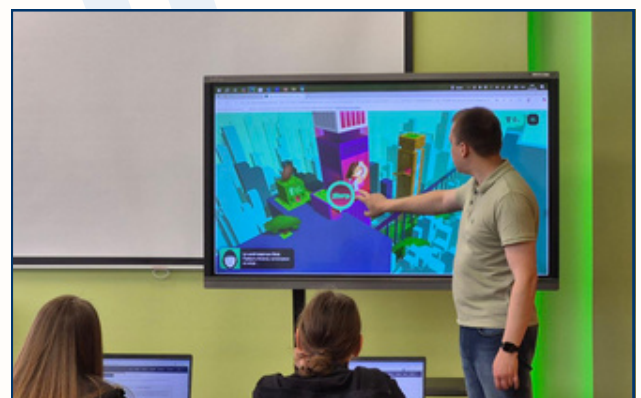
## Improving Cybersecurity Teaching

In recent months, significant progress has been made in **refining the EnCycLEd project's educational materials and teaching approach**, thanks to the testing activities and didactic workshops held with partner institutions.



Under the leadership of the Ukrainian Academy of Cybersecurity **UACS**, the already produced material has been evaluated and improved. Based on the **extensive feedback** gathered during the testing phase, UACS conducted a comprehensive review to **adjust pedagogical strategies** and improve the way cybersecurity concepts are presented to high school students. With the active collaboration of **SET University**, various topics were addressed and special attention was paid to the **regional context** in order to ensure that the **Pilot Implementation Guide** is adaptable to the diverse educational systems and local needs of the partner countries.

This regional sensitivity is key to making the EnCycLEd Platform relevant and effective in different European contexts. The results of the **testing phase**, which was carried out at the **American Farm School** in Greece and the **Kyiv Vocational School** in Ukraine, were presented and discussed at a recent **project meeting in Heidelberg**. The consortium was provided with valuable information about the usability, content structure and clarity of the platform. Overall, the feedback was positive, with educators emphasising the practical relevance of the platform and the accessibility of the material. Suggestions for improvement were openly discussed and will be considered in the next iteration of the platform and teaching resources.



***Combining real-world classroom testing with academic review ensures that the end result will be practically applicable, easy to use, and pedagogically sound – ready to support the next generation of cybersecurity education.***

# Project Meeting Face-to-face in Heidelberg



*After months of virtual collaboration, the EnCycLEd project team came together in Heidelberg for a productive and inspiring face-to-face meeting, during the period of June 23-24, 2025. It was a refreshing shift from online interactions to real-world dialogue and cooperation!*

The meeting provided an opportunity for partners to review the project's progress, share insights, and prepare for the upcoming teacher training workshop in Malta. Discussions explored how cultural, legislative, and geopolitical factors influence the development of inclusive and effective cybersecurity education strategies across Europe.

Beyond the formal agenda, the in-person setting helped to deepen trust and reinforce collaboration, highlighting the importance of human connection in driving collective impact.

The gathering was made even more enjoyable thanks to the warm hospitality of the **University of Heidelberg team** – Professor Sebastian Harnisch, Annika Sachs, Elisabeth Burrow, and Laura Schmittinger – who not only organised a well-structured meeting, but also made sure partners experienced the charm of the beautiful city of Heidelberg.





## Promoting EnCycLEd

*The Erasmus+ Project EnCycLEd has fostered valuable partnerships and shared insights across Europe. Partners have engaged in key events, meetings, and publications at both national and European levels. Here, we highlight some of the project's recent dissemination and networking efforts.*

## EnCycLEd Insight Powers Malta's Cybersecurity Future



Consultation Council 2025-2027 - Malta Information Technology Agency and [National Cybersecurity Coordination Centre NCC-MT](#)

**Anamaria Magri-Pantea**, from **AscendConsulting.eu** has been appointed to the **2025-2027 Advisory Board of the Malta National Cyber Security Coordination Centre (NCC-MT)**, where she will represent the Education and Research sector.

Her appointment is based on her work particularly in the area of **cybersecurity education**. In this role, she emphasised the importance of preparing students, educators and communities to better understand and respond to digital threats. Anamaria also highlighted the importance of starting cybersecurity education at an early stage, focusing not only on technical knowledge, but also on building digital resilience.

Her participation in the NCC-MT Advisory Board is expected to contribute to ongoing efforts to address Malta's **cybersecurity challenges**, including workforce development and public awareness. As the NCC-MT is strongly engaged with the EU-Cybersecurity community, this appointment also reflects the wider relevance of the EnCycLEd project at national and European level.

### Connecting Cybersecurity Education with National Strategies in Austria

**Fatima Dargam**, from **REACH Innovation**, recently took part in an event on **Cybersecurity in Austria**, organised by JOANNEUM RESEARCH, SILICON ALPS Cluster and KPMG Austria. The event brought together a highly qualified panel of cybersecurity experts to discuss pressing issues in the Austrian cybersecurity landscape. Although the event did not focus directly on **raising awareness of cybersecurity in education**, this issue was recognised as increasingly important, during the networking sessions. In this event, REACH took the opportunity to disseminate the objectives of the EnCycLEd project

among the contacts made, highlighting its commitment to improving cybersecurity education and digital resilience across Europe, and informing the experts at the event about the Austrian involvement in EnCycLEd, especially through the participation of Universität Innsbruck and REACH Innovation, opening the door to **potential future collaborations on cyber topics between the educational and industrial sectors**. This event participation aimed to enforce the value of **cross-sector dialogue** and **the growing recognition of cybersecurity education** as a topic of great importance.



Cybersecurity in Austria, 1<sup>st</sup> of July, 2025, at Joanneum, Graz

*As the EnCycLEd dissemination partner from Austria, REACH actively maintains an online living document that gathers and shares information on European cybersecurity initiatives, projects, and events. Designed as a collaborative resource, this document invites contributions from all project partners and is continuously updated to reflect the evolving cybersecurity landscape throughout the project's duration. Let us know if you can also contribute to this data collection for further networking!*

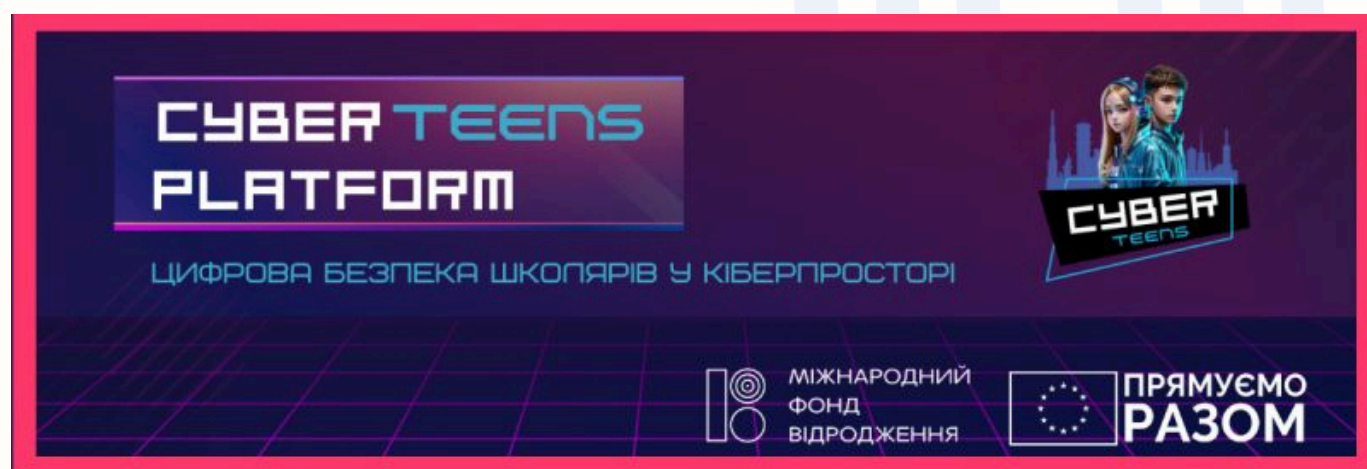
## **EnCycLEd Meets CyberTeens: A Mission for Cyber Awareness**

In a recent exchange, which highlighted the value of international collaboration, the **EnCycLEd project connected with the Ukrainian CyberTeens platform**, presented by **Dr. Maryna Yevdokymenko** of the **Scientific Cyber Security Association (SCSA)**.

CyberTeens shared valuable insights into its **real-world implementation**, showcasing how innovative approaches can successfully foster cyberawareness and digital literacy among young students. The platform's work strongly aligns with the aims of the EnCycLEd project, in particular with

EnCycLEd's mission to improve cybersecurity education and awareness at the school level across Europe. Both initiatives share a commitment to provide students and educators with the tools and knowledge they need to thrive safely in today's digital environments. This exchange reflected our common goal: to build digital resilience and promote a secure, informed future for the next generation.

***We look forward to having continued dialogues and potential collaboration with CyberTeens, as well as with similar initiatives across Europe and beyond.***





### EnCycLEd presented at ICSST-2025 Posters Session

The EnCycLEd project was present at the Posters' Session of the **11th International Conference on Decision Support System Technology (ICDSST-2025 from EWG-DSS)** in Belgrade, Serbia, during the period of May 26-29, 2025. The ICDSST-2025 is a well-established scientific event in the DSS area, which brings together experts, researchers and stakeholders from all areas related to decision making technology, including cybersecurity.

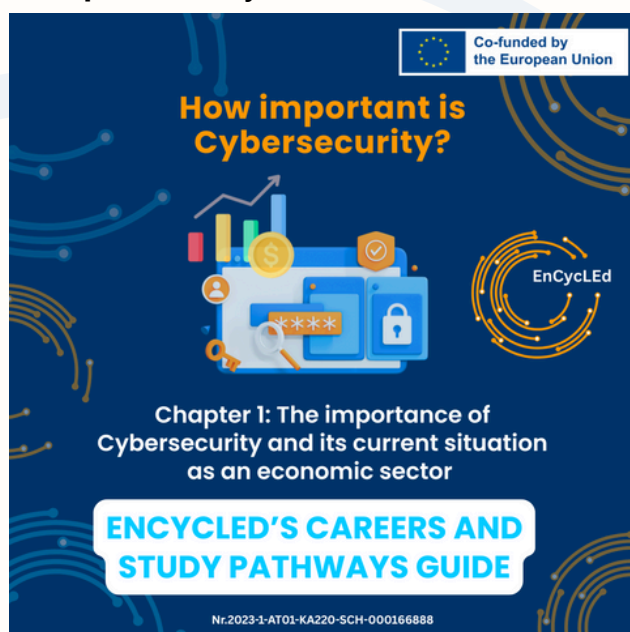
**EnCycLEd's participation, with Fatima Dargam from REACH Innovation, provided an opportunity to present the project's goals, methodology and results to the public**, especially in the context of strengthening cybersecurity education. The **Poster** highlighted the main components of EnCycLEd, including the online platform, the curriculum modules, the educational resources and the collaborative efforts of the partners.

As Honorary Chair of the conference, Fatima Dargam was able to engage with all conference participants and to exchange ideas about EnCycLEd, exploring possible synergies with other ongoing initiatives. The participation in ICDSST2025 reinforces EnCycLEd's commitment to connecting with the wider cybersecurity community, ensuring that its outputs make a significant contribution to policy and practice in the field.



### Social Media Campaigns

As we continue to move forward with the project, one of our main pillars has been its **strategic dissemination**. Beyond simply presenting results and activities carried out during the project, the EnCycLEd team also **aims to continuously stimulate meaningful conversations, raise awareness and connect with communities across Europe and beyond.**



This way, we continue to run a more **robust awareness campaign**, taking into account material already available from organisations responsible for cybersecurity in the common European community, such as **ENISA**. We are also focusing on highlighting information about similar projects in order to give cybersecurity in education more visibility.

***Through the social media campaigns, the aim goes beyond simply publicising the project: above all, it seeks to inform and inspire young people to get involved with this highly relevant issue in the digital universe.***



Another campaign, arising from one of the project's results, is that of **professional examples, role models, in cybersecurity**. This campaign aims to highlight professionals in the field with various personal backgrounds, as a guide for cybersecurity careers,



## Dissemination and Sustainability Strategy

The EnCycLEd project's sustainability strategy aims to **ensure that its impact extends beyond the official project conclusion**. The training of educators during the implementation of the project, as well as the “**Training the Trainers**”, ensure that knowledge and methodology are continuously passed on and applied in a wide way. For this, all materials produced by the project can be accessed as **free digital resources**, allowing for their continuous use and adaptation by schools and institutions. By involving schools from outset, the project intends to build a solid support base to take the project's vision forward.

Another important aspect of the strategy is the participation in relevant platforms and networks related to cybersecurity in education. This guarantees that the EnCycLEd project's message will be alive for a long-term.

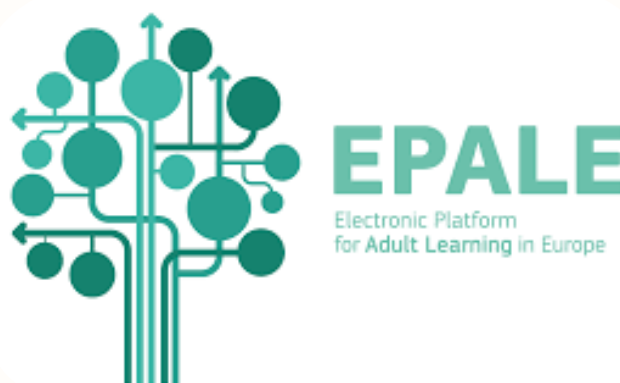
### EnCycLEd is on EPALE

The EnCycLEd Project is now also represented on **EPALE - the European Commission's Electronic Platform for Adult Learning in Europe**.

EPALE, a multilingual hub for adult education professionals - educators, trainers, researchers, policymakers and support staff - offers the perfect place to showcase EnCycLEd's progress and results. More than just a dissemination

channel, EnCycLEd's participation on EPALE opens up **opportunities for collaboration, visibility and dialogue between like-minded initiatives**.

By being present in EPALE, EnCycLEd not only expands its outreach, but also strengthens the **long-term sustainability of the project**, ensuring that its results remain available and relevant even after its conclusion. Through this platform, we aim to share knowledge, connect with stakeholders and inspire action towards digitally enabled and environmentally conscious learning. **Take a look at it: [EnCycLEd @ EPALE!](#)**



## Communication is responsibility of all partners!

# MESSAGE FROM THE DISSEMINATION

As the dissemination partner for the EnCycLEd Erasmus+ Project, REACH Innovation is excited to share the significance of our project dissemination efforts. We are dedicated to achieving the following objectives:

- **Awareness** creation via communicating the project activities, outcomes, results and achievements.
- **Identification and engagement of specific audiences** and stakeholders who can benefit from the project outputs.
- **Implementation of a multi-dimensional communication and dissemination strategy** to enhance project visibility.
- **Sharing of project results** to maximize its impact.
- **Transferring and building upon the results** of the project into new or improved practices for integration into educational programmes of Universities across Europe.

EnCycLEd's dissemination channels include the project website, the **EnCycLEd Platform** (<https://go.encycled.eu/>), the social media accounts (LinkedIn, X/Twitter, Instagram, Facebook, YouTube), newsletters, interviews, press releases, training courses, webinars, workshops, national multiplier events, as well as engagements with local and international communities at regional, EU and international level. The active participation of all partners and stakeholders in well-planned dissemination actions is crucial for successfully exploiting the project's results and achieving positive and impactful outcomes. All partners and their interested contacts are requested and invited to participate in EnCycLEd's dissemination activities, to help us achieve our goals in a mutually beneficial way. Check [EnCycLEd's Linktr.ee](#) for navigation on all our dissemination channels, including Zenodo and EPALE!



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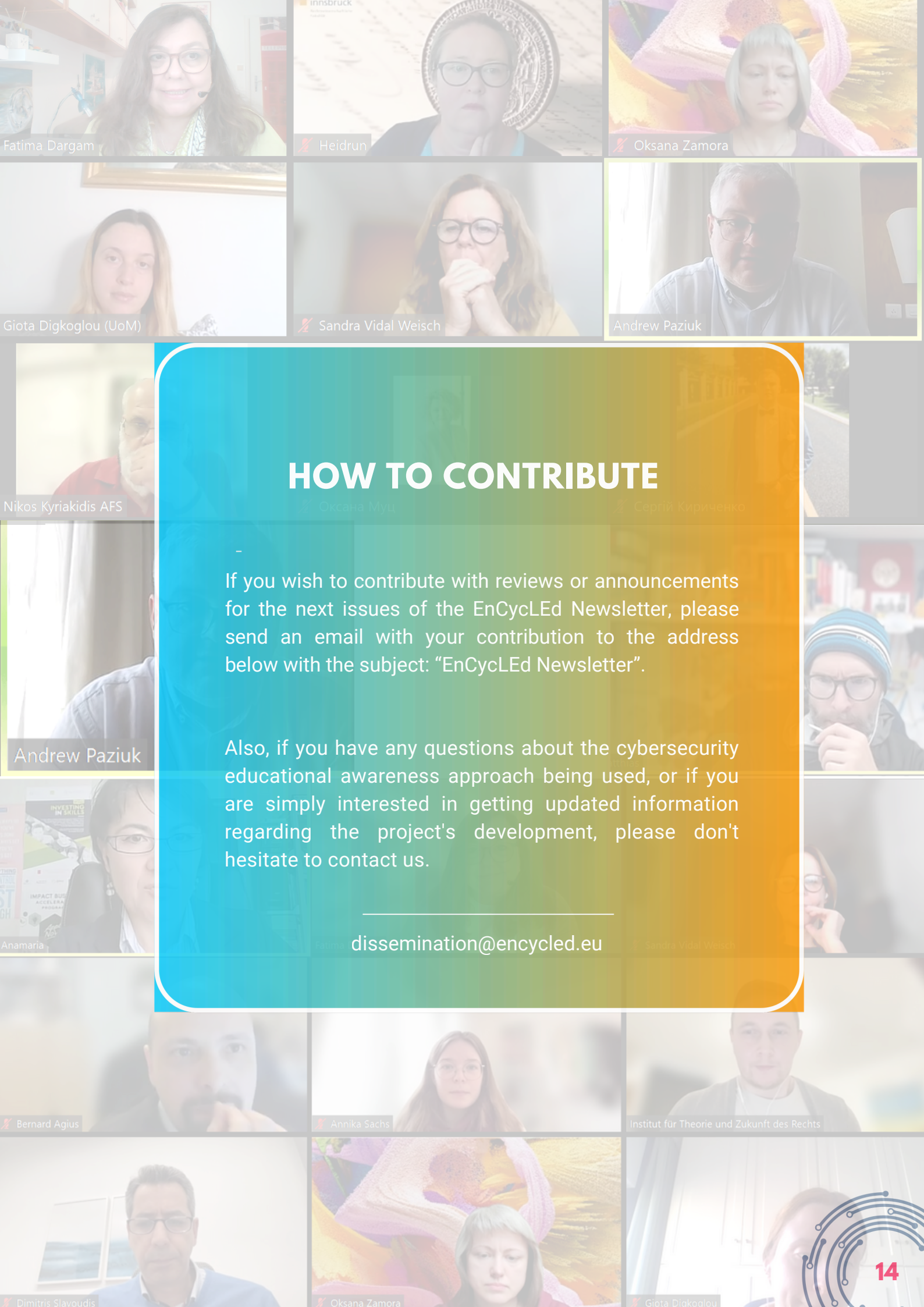


[linktr.ee/encycled.project](https://linktr.ee/encycled.project)



[EnCycLEd @ EPALE](#)





## HOW TO CONTRIBUTE

-  
If you wish to contribute with reviews or announcements for the next issues of the EnCycLEd Newsletter, please send an email with your contribution to the address below with the subject: "EnCycLEd Newsletter".

Also, if you have any questions about the cybersecurity educational awareness approach being used, or if you are simply interested in getting updated information regarding the project's development, please don't hesitate to contact us.

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[dissemination@encycled.eu](mailto:dissemination@encycled.eu)



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