

## Science Café for Adults



### Why was this program made?

Popular scientific knowledge is knowledge provided to the general public. The purpose of popular science is to inform citizens about the importance of scientific achievements and their results.

The link between science and society is becoming even closer. Knowledge is not meant to remain "locked up" in scholarly articles, but shared with all. Especially today, when social media makes it easy to spread news, science and pseudoscience, today when everything is evolving at a rapid pace, citizens need to be well informed and thoughtful. Popular science gives proper guidance for this.

### That was the idea.

To provide specific scientific topics in a language that would be accessible to all.

### This is how the collaboration was born.

Six partners from five different countries worked for this purpose. One year of correspondence, two years of implementing our idea, 15 analyzes of scientific topics (three from each partner), one pilot application in each partner, 15 short explanatory videos, one Moodle platform for information and access to the material, one internet site, one dissemination day of the results from each partner to the general public, 4 meetings of the representatives in the partner cities, many online meetings and many related publications.

**EDRASE** is a non-profit organization that focuses its activities on the training of its members, adults, young people or students. In the framework of the implementation of European Erasmus+ programs, participated in this program "Popular Science for Adults – Science Cafe", with coordinator OİMEM (Turkey) and partners: SEADDER (Turkey), CNIPA (Italy), MISE HERO (Czech Republic), VSL Socialiniu inovaciu centras (Lithuania) and EDRASE (Greece).

### Objectives

- ✓ to grow and develop the knowledge and qualifications of adults who have completed or stopped formal education
- ✓ to encourage people to take more active roles towards engaging with science and technology issues that may affect every day life
- ✓ to break barriers promoting equal opportunities for adults over 45 years old



✓ to introduce the use of bite size learning as a supplement to formal education, a new form of nonformal education that is totally mobile, flexible and easy to take up by a very wide variety of learners including those who wants to develop

themselves.

### **Activities**

- ✓ To organize 15 science café live events
- ✓ To create 18 bite-size learning videos after each science café event with the same subject
- ✓ Create a joint position paper about the effectiveness/comparison of science café events and bite-size learning.
- ✓ To organize a short term joint staff training event (3 days) about key competences in Science Café & bite-size learning
- ✓ To organize 5 multiplier local events in every partner countries.

### **This is how the implementation started in Greece as well.**

EDRASE, based in Halki in the Dodecanese, implemented the above having for each of the three topics it presented, a different audience and a different topic.

We planned and delivered our Intellectual Outputs.

**The Cultural Center “Socrates Fanourakis” of Halki island**, hosted the meetings of twenty partners from five European countries (Italy, Lithuania, Czech Republic, Turkey and Greece) in the framework of the Erasmus + Science Café For Adults program.

Each partner creates and organizes three live Science Cafe, with topics of their choice. Videotapes this action, translates it, subtitles it and distributes it to the other partners of the program. Thus, 18 Videos with current topics will be created, which are distributed and utilized by each partner. Many members of the partnership watched the Workshops and the meetings from their own country, remotely via the Internet and a teleconferencing platform.

The program is implemented on behalf of Greece by the “Company for Training Actions” (EDRASE) based in Halki. The first issue that has already been implemented and recorded by EDRASE is “Vaccines and Covid19”.

Sub-objectives of the program:

- ✓ to create and develop the knowledge and skills of adults who have completed or stopped formal education

✓ Encourage trainees to take on more active roles to address science and technology issues that may affect their daily lives.

✓ Promote equal opportunities for adults over 45 years of age

✓ Introduce the use and learning of short video as a complement to formal education, a new form of non-formal education that is flexible and easy to learn. The meetings at the Cultural Center took place from 27 to 31 October 2021 and were a complete success

### **Related testimonials from participants:**

1<sup>st</sup>: **Café on vaccines for Covid-19.** May 2021. (Done online, due to restrictions on gatherings at that time)

"Many questions were answered about vaccination and what it offers. The professors who presented were very understanding."

"Amidst the misinformation of our days about Covid, we need speeches like this, to know what to believe".

2<sup>nd</sup>: **Digital skills for citizens - Web 2.0.** November 2021.

"The conference was very helpful. I didn't know how much I can do using my cell phone."

"I think after that, I saved a lot of time waiting in queues outside public services"

3<sup>rd</sup>: **Climate change and Biodiversity.** June 2022.

"Climate change concerns us all".

"The more we talk about it the better and so we will finally understand how much we need to take care of our home which is the environment. Congratulations to the organizers".

### **Coordination and communication between partners**

We have achieved excellent communication with the coordinator and all the participants.

Furthermore we organised the meeting in Greece, where was a course on Moodle and the use of social media took place. We planned, scheduled and performed each Science Café. We communicated via electronic means and we had meetings to shape the project's planning and implementation process.



## 1st: Café on vaccines for Covid-19.

EDRASE under the approved European program "Science Café For Adults" – Erasmus + that implements, co-organizes with the Free Software / Open Source Software Organization (EL /

LAC) informative web meeting – Webinar on Vaccines and Covid 19 on Wednesday, June 9, 2021, at 5.30pm

### Speakers:

Dimitrios Paraskevis Associate Professor of Epidemiology – Preventive Medicine, Laboratory of Health Epidemiology and Medical Statistics, Medical School, EKPA.

Evangelos Terpos Professor of Hematology at the Therapeutic Clinic of the Medical School of the University of Athens, EKPA.

Ourania Tsitsiloni Professor of Immunology, Department of Animal and Human Physiology, Department of Biology, EKPA.

The meeting had been broadcast on Webex at <https://minedu-secondary.webex.com/join/evangelo>

and from YouTube at <https://www.youtube.com/watch?v=RKfF-mn6qKI>

and is still available.

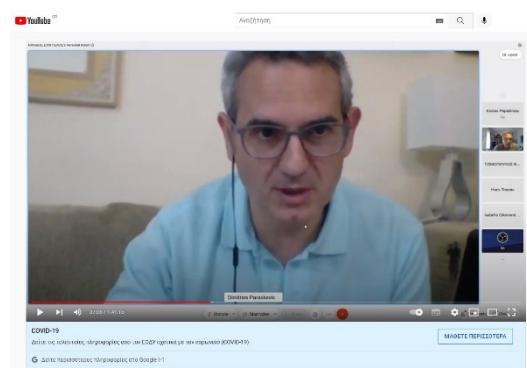
We have also delivered our first science café including full video (with subtitles) and bite size video both in Greek and English.

**Εταιρεία Δράσεων Επιμόρφωσης (Ε.ΔΡΑΣ.Ε.)**  
στο πλαίσιο του εγκεκριμένου Ευρωπαϊκού προγράμματος  
"Science Café For Adults" - Erasmus+ που υλοποιεί,  
συνδιοργανώνει με τον Οργανισμό Ελεύθερου Λογισμικού/Λογισμικού Ανοικτού Κώδικα (ΕΛ/ΛΑΚ)  
ενημερωτική διαδικτυακή συνάντηση - Webinar με θέμα  
**Εμβόλια και Covid19 / Vaccines and Covid 19**  
την Τετάρτη 9 Ιουνίου 2021, και ώρα 5.30μμ

**Ομιλητές / Speakers**

<b>Δημήτριος Παρασκευάς</b> Αναπληρωτής Καθηγητής Επιδημιολογίας – Προληπτικής Ιατρικής, Εργαστήριο Υγιεινής Επιδημιολογίας και Ιατρικής Στατιστικής, Ιατρική Σχολή, ΕΚΠΑ.	<b>Ευάγγελος Τέρπος</b> Καθηγητής Αιματολογίας στη Θεραπευτική Κλινική της Ιατρικής Σχολής του Πανεπιστημίου Αθηνών, ΕΚΠΑ.	<b>Ουρανία Τσιτσιλώνη</b> Καθηγήτρια Ανοσολογίας, Τομέας Φυσιολογίας Ζώων και Ανθρώπου, Τμήμα Βιολογίας, ΕΚΠΑ.
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Η συνάντηση θα μεταδοθεί από την Webex στον σύνδεσμο <https://minedu-secondary.webex.com/join/evangelo> και από το YouTube στον σύνδεσμο <https://www.youtube.com/watch?v=RKfF-mn6qKI> (θα συντονιστεί ο θεατής εκπαιδευτικός Παγγέλης Ηλ.Θόδωρ)  
Η συμμετοχή είναι ελεύθερη και με τη δυνατότητα υποβολής ερωτήσεων



## 2<sup>nd</sup> science café. Digital skills for citizens (Web 2.0)

We planned and performed the **second science café** and in our case it deals with Digital skills for citizens (Web 2.0). We came in agreement with the speakers that were going to present in the live cafe. We have signed contracts with the speakers and performed the output. We started putting into place the fundamentals for the work that follows including the subtitles addition and the bite size video and details on the report that is going to follow.

Members of EDRASE attended too.

We opened the event to the general public as we were sure that people were interested in these topics and this way we broadened the scope of attendants allowing us to help us in disseminating knowledge.

No difficulties in preparation of O1 and O2 came up.



Project has been described to participants through the science café meetings to the relevant target groups involved. There has been great acceptance of the Project in

general, as people have been expressing interest via questions on the cooperation of our organizations, but also posed questions out of genuine interest for the material of both the Science Cafes. We believe that everyday people, including our members, will use word of mouth too to spread the word on the café events, thus strengthening our organization's brand as well.



EDRASE, as part of its participation in the European partnership Science Cafe for Adults, of the Erasmus+ program, held the **3rd Science Cafe**, on June 21, 2022, in the auditorium of the 1st General Lyceum of Zografou, on the topic of

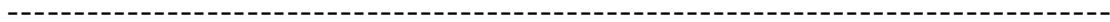
“Climate change and Biodiversity”. The seminar was offered free of charge and aimed at adults over 45 years of age. It was attended by teachers and members of EDRASE. Speakers were Mr. Gavalas Nikos Ph.D Biologist, and Mr. Iliadis Vangelis M.Sc Biologist.

## Dissemination

includes spreading the knowledge to everyday people, including our members.

The transmission of the 1st Science café through YouTube (due to Covid19 pandemic), helped to spread the program. They will use word of mouth too to spread the word on the café events. We have also performed appreciation of the Cafe theme, through our Pilot Implementation event. We planned also to use social media to inform on the subjects and also put information on our website. These allow for regional and national range of information.

International dissemination can be achieved via the upload of our informative videos from the cafes to the YouTube channel of the Project by the coordinators.



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the European Union**