EUROPEAN DIGITAL EDUCATION FOR SOCIAL INCLUSION AND GLOBAL NEIGHBOURHOOD

E-DESIGN

ISSUE 06 • APRIL 2021

ABOUT THE PROJECT

E-DESIGN

The Erasmus+ project "E-DESIGN – European Digital Education for Social Inclusion and Global Neighbourhood" aims at promoting social inclusion and combating social inequalities through strengthening the digital competences of people lacking access to such educational offers in order to enhance their labour market opportunities and social participation. E-DESIGN addresses the challenge to enable future employees to acquire the skills demanded by a fast changing labour market 4.0.

Learn more:
WWW.E-DESIGNPROJECT.EU

EUROPEAN DIGITAL EDUCATION FOR SOCIAL INCLUSION AND GLOBAL NEIGHBOURHOOD NEWSLETTER

TABLE OF CONTENTS

Portugal

The third ICT Training Hotspot in Portugal has ended in March 2021. This was the second time CEPROF implemented a Training Hotspot at a VET school, namely in Externato Oliveira Martins (EOM).

Whereas the training of the first course at EOM was mostly face-to-face, due to COVID19 restrictions, schools were closed and trainees went back to remote teaching in early 2021. Because of these adopted measures, face-to-face training was no longer an option. Nevertheless, the great variety of digital technology tools that enable interactive online training and the positive feedback received from the previous course – which was fully attended by female trainees – encouraged the Portuguese team from E-DESIGN, in synchronization with the school, to host the second training course in an online format. Similarly to the previous training course, trainees learned about Industry 4.0 related concepts and its importance in the modern world. Furthermore, training on App Development and 3D Design and Printing was conducted.
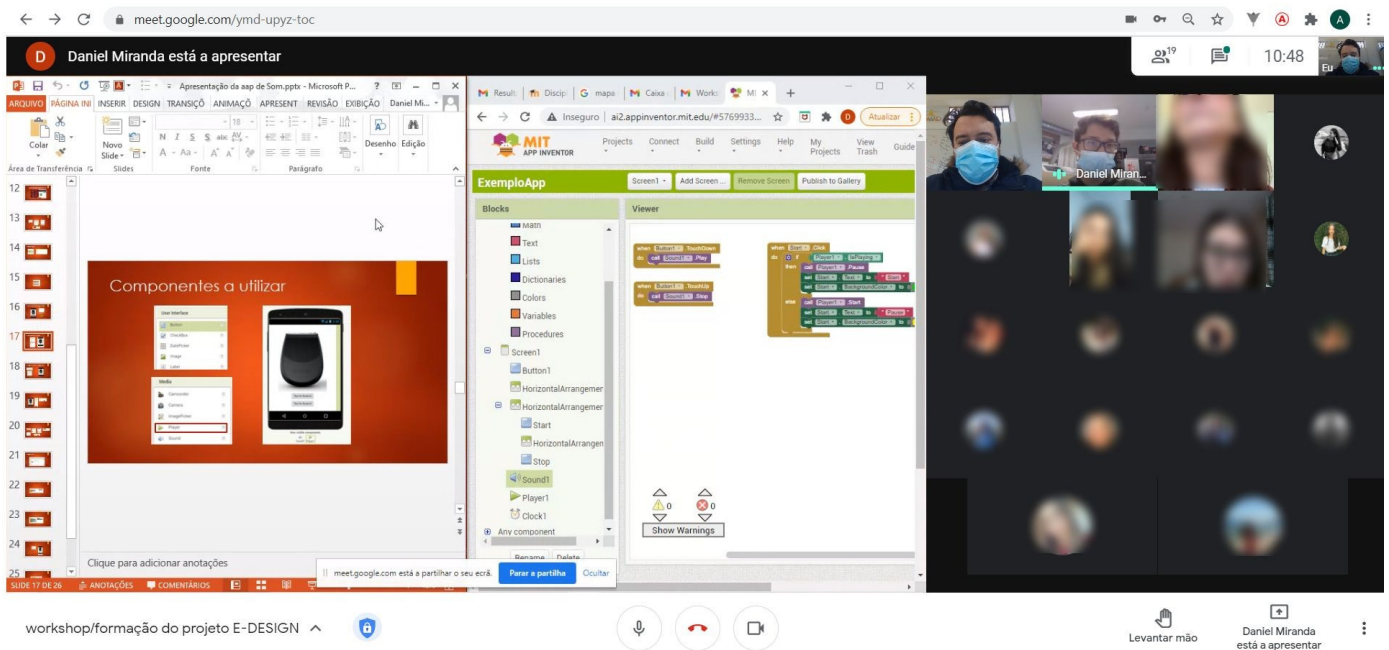
Just like in previous Training Hotspots, by the end of each training course, participants are stimulated to discuss potential ideas for projects, as well as develop their own project. During the third Hotspot, the girls worked towards the development of a Mobile App whose concept was to allow to make online cosmetic appointments at a beauty salon, as the pictures suggest.
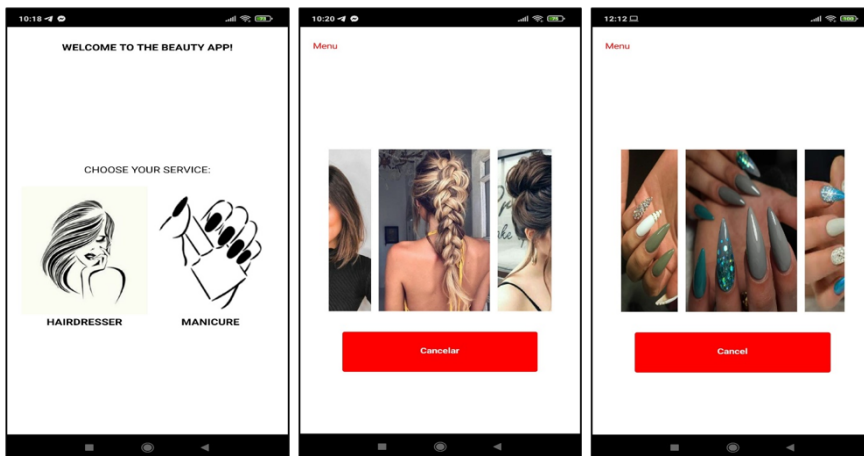
Although no dates are defined yet, the preparations to start the Fourth and last Training Hotspot – which will be open to the community – are already ongoing.

Stay tuned to find out more when the next newsletter issue comes out!

Arduino Day with CSC Danilo Dolci

Italy

Due to the Covid-19 pandemic, the ICT Training Hotspots organized by CSC Danilo Dolci in Palermo are not allowed to run for the moment. However, this did not stop the organization of activities, and on Saturday 27th March 2021, the **Arduino Day 2021 event with CSC Danilo Dolci** took place. The event has been organized as part of Arduino Day, a worldwide celebration organized by the community (https://www.arduino.cc/) which brings together experts, geeks and other interested people, who want to share their experiences about the Arduino Platform or learn something new. With this event, CSC Danilo Dolci wanted to demonstrate how simple and accessible it is to approach digital education in a participatory way, besides making the Arduino platform known to the general public.

The **Arduino Day 2021 with CSC Danilo Dolci** took place online on the Zoom platform, but this certainly did not make it less interactive or less visited. The event was attended by young people, professionals in the field of education, and experts in the field of technologies. The variety of the participants' background shows how digitla skills are crucial for everyone and in the most diverse fields.

The first part of the event was dedicated to the presentation of the Arduino platform, highlighting the importance of ICT and of the acquisition of digital skills in terms of social inclusion.

Projects developed by the participants of the E-DESIGN courses were showcased as well. These products have proven the possibility of building your own circuit, with a simple kit and a few other components. Examples of this are a burglar alarm system with the use of an ultrasonic sensor and a hydroponic vessel circuit for the supply of water and air, but the possibilities are endless!

In the second part of the event, participants were guided step by step in two practical workshops. By using Tinkercad, an online modelling program, it was possible for everyone to build two simple Arduino circuits, a traffic light and an alarm system with sensors included.

The event was a great moment to introduce the community to Arduino and hopefully it can be repeated next year in a face-to-face setting with real Arduinos.

Cyprus

Despite the hardships posed due to the COVID-19 pandemic, our ICT Training Hotspots and Train-the Trainer courses were successful in remaining uninterrupted. Citizens in Power (CIP) managed to implement 4 ICT Training Hotspots in total – 3 Community Hotspots (1 of which was virtual), 1 School Hotspot and 1 Train-the Trainer course – from start to finish. Participants were extremely satisfied with the skills and competencies they received upon completing the Hotspots and many more requested to be notified for more available courses in the future.

Through the Hotspots, participants from disadvantaged backgrounds managed to develop and strengthen their skills and competencies on Robotics, 3D printing, 3D modelling, Internet of Things, Programming, Web Development App Development, and more.

Technical Skills Developed:
- Coding and Programming
- Debugging
- Analytical reasoning
- User experience design
- People management
- Active learning

Soft Skills Developed:
- Flexibility and creativity
- Problem-solving
- Communication and collaboration
- Planning and managing

We are proud to have contributed to the efforts of reducing the digital skills gaps for disadvantaged EU populations, which will ultimately strengthen their social inclusion in the fast-changing labour market we are currently living in.

Germany

We are very happy that there is great interest in benefiting from our E-DESIGN offers at the Landgraf-Ludwigs-Gymnasium in Gießen: A total of 16 teachers have completed a teacher training on the topics: 3D printing, 3D modelling and 3D scanning.
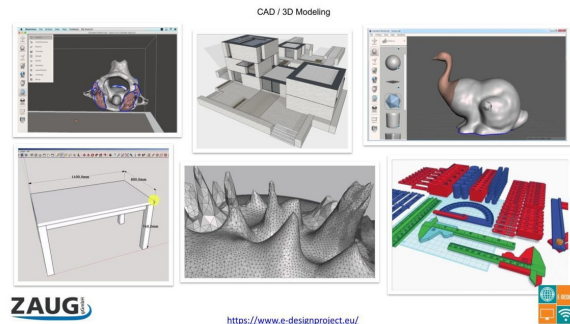
The evaluation of the training showed that a large part of the trained teachers consider the trained contents to be suitable for integration into their own lessons and the willingness to further familiarize themselves independently with the training topics is also very high - which is very pleasing for us.


From April 23, 2021, we will be able to work live with the students again if the pandemic situation allows it, so keep your fingers crossed that we do not have to work exclusively online.

In the newly founded School Hotspot, we will work with a class of 16 students and will also complete the teacher training with two teachers who will supervise the class in the context of an elective subject on the topic of bionics. We are already very excited about the students' ideas! At the same time, a microcontroller course will start at this ICT Training Hotspot with a total of 22 students.

Furthermore, we are currently planning another course for May in one of our Community Hotspots: This time about Web Development, as we have seen increased requests on this topic.

The interested reader might be as happy as we are about our new 3D printer: It's an "Anycubic Predator" delta printer, with a printing diameter of no less than 37 cm - a real monster!
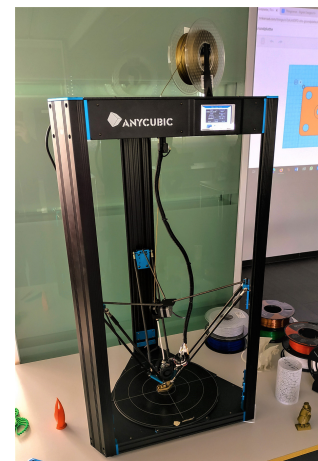
We'll keep you posted.

Greece

Despite the unprecedented difficulties that had risen due to the Covid-19 pandemic, EILD managed to continue its 2nd ICT Training Hotspot in collaboration with the Municipality of Metamorfossi, in Attica, Greece. The continuation of the activities as planned on Monday the 12th of April and EILD is also moving forward to implementing the 3rd ICT Training Hotspot in collaboration with the Municipality of Palaio Faliro, in Attica, Greece, for the 3rd ICT Training Hotspot.

In both cases, the participants will receive free digital skills development courses, which will be held in 2 cycles. In order to maximize the attendance of the beneficiaries we decided to run a poll for those interested, in order to define the dates and times. Certificates of attendance will be issued by EILD.

EILD would like to express its gratitude to the municipalities for using their official channels in order to promote the project to all relevant stakeholders. Combining our actions, we are aiming at realizing one of the biggest dissemination campaigns, for promoting the projects' results and ensuring its sustainability, in both national and European level.

NEA

Δωρεάν μαθήματα διαδικτυακών & ψηφιακών ικανοτήτων στο Δήμο Παλαιού Φαλήρου

22 ΜΑΡΤΙΟΣ 2021   Συντάκτης
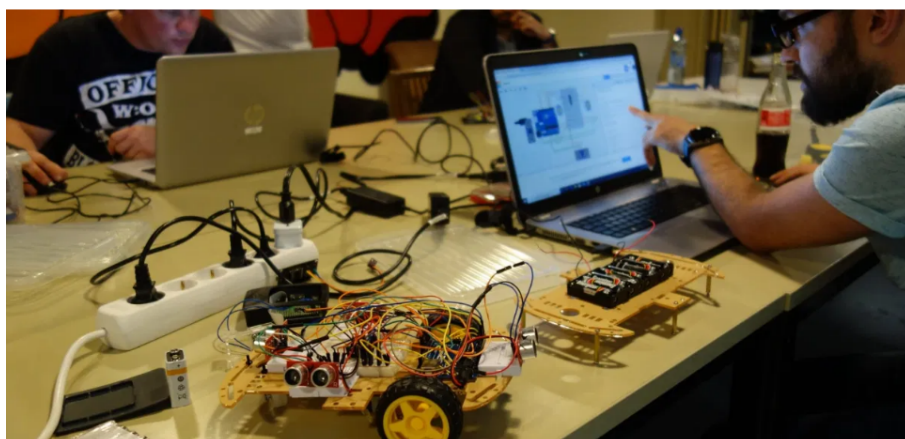
EUROPEAN DIGITAL EDUCATION FOR SOCIAL INCLUSION AND GLOBAL NEIGHBOURHOOD

CONTACT DETAILS

THE PARTNERSHIP

The consortium for E-DESIGN – European Digital Education for Social Inclusion and Global Neighborhood is composed of seven very diverse organizations from six different countries: ZAUG and CodeDoor from Germany, CEPROF from Portugal, EILD from Greece, CIP from Cyprus, CSC from Italy and Kauko from Lithuania.

VISIT OUR WEBSITE

WWW.E-DESIGNPROJECT.EU

CLICK BELOW TOVISIT OUR CHANNEL
E-DESIGN ERASMUS PROJECT

LIKE OUR FACEBOOK PAGE!

E-DESIGN
@edesigneuproject

European Digital Education for Social Inclusion and Global Neighbourhood

FACEBOOK.COM/EDESIGNEUPROJECT

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