



## ***KA2 DIGITART: DIGITAL SYSTEMS FOR A SMART APPROACH TO ART***

Erasmus+ Strategic Partnerships for Adult Education  
Cooperation for Innovation and Exchange of Good Practices  
Ref. No: 2019-1-IT02-KA204-062413

2<sup>nd</sup> LTTA COURSE

Place: 2<sup>nd</sup> Vocational Lyceum of Nea Filadelfeia

Date: 18-01-2022 until 28-01-2022

Course Duration: 15 Hours

Number of Trainees: 12

In the context of the Erasmus+ Program "Digital systems for a smart approach to art", a learning, teaching, training, activities course was held at our school the 2<sup>nd</sup> Vocational Lyceum of Nea Filadelfeia.

The purpose of the virtual tour course was to provide adult students passionate with photography, art and new technologies, knowledge in complexing technology with art through photographing 360°.



Objectives of the course are that learners will:



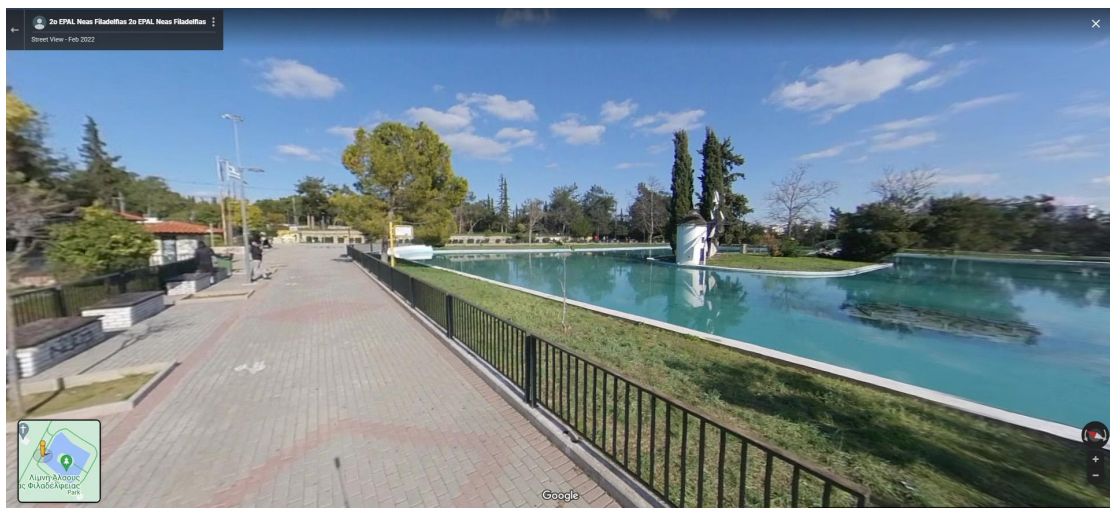
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- embed their cultural heritage
- deepen Virtual Tour techniques
- become autonomous in the creation of Virtual Tours
- overcome isolation and become an active and aware European citizen
- meet the cultural diversity of European civilizations and their value

After the meeting in Granada, we distributed a questionnaire to adults with the required qualifications. This learning course should include the creation of a virtual tour that will be created during the course and published on Google maps. After all, from the questionnaire it emerged that the subject of our study would be the Nea Filadelfeia Grove. It has beautiful trails and it is an excellent field of environmental education and exploration. Furthermore it is the first attempt to make a virtual tour of the Nea Filadelfeia Grove. The participants will be 12 trainees and it will be held by a certified Google trusted Street View photographer, Mr. Minos Nevradakis. The course will be both, theoretical and practical. The theoretical lessons were held in our school, the 2<sup>nd</sup> Vocational Lyceum of Nea Filadelfeia and the practical lessons were held at the Nea Filadelfeia Grove. The virtual tour course took place in the month of January 2022 and is published on Google Maps, Google Street View, and on 2<sup>nd</sup> Vocational Lyceum of Nea Filadelfeia web site.





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At the end of the program, a questionnaire was distributed to the participants in order to evaluate the results of the learning course and to have re-information for future activities. The trainees were excited with the virtual tour course. They got the chance to cooperate in between them, to meet, understand and deepen:

Our cultural heritage,

The history of GSV and the various cameras Google has been using as well as the Street View Ready third party cameras and software,

How to use Google Street View app,

How to make a photosphere with just their smartphone with Google Street View APP and upload it on Google Maps,

Learned tips on how to make a better photosphere,

How to link the photosphere with an existing gmap location,

How to post the photosphere on Facebook,

How to make a Photopath with just their smartphone on Google Street View App,

How to upload a photosphere made by third party software and equipment eg DSL and upload it through the GSV app,

How to stitch photographs made with dslr and make panoramas through third party software (PtGui-Hugin),

How to make a Photosphere Collection through the GSV app,

How to correct the Photosphere gps location through the GSV app,

How to use a 360 camera (Insta Onex),

How to use a 360 camera and upload a photosphere on GSV,

How to use a 360 camera and upload a video on Street View with custom Logo,

The differences between Blue Dots and Blue Line on GSV,

How to make a 360° Video and upload it on YouTube,

How to make a 360° Virtual Tour in Html5 with third party software (Pano2VR),



The uses of 360 video and virtual tours, eg VR Headsets, Oculus etc

How to connect photospheres and upload them to GSV via third party software (Pano2VR),

Alternative maps eg Open Street Map,

Alternatives to Street View eg Mapillary.

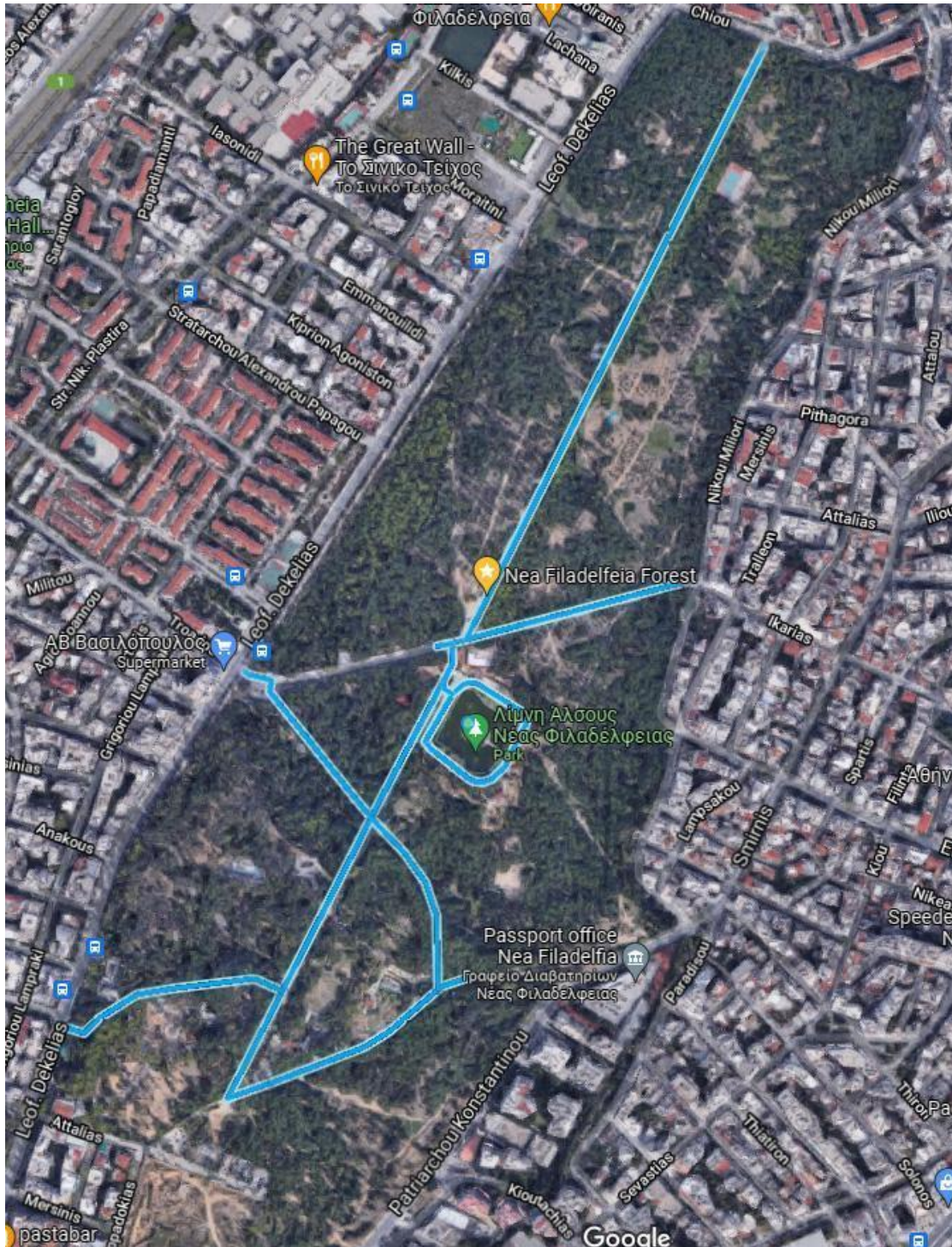
For the workshop they did over 2500m of walking in Nea Filadelfeia Grove's Pathways with a camera on video mode for GSV. The camera was fitted on a rack backpack and monopod, for more comfortable use on longer distances. Afterwards it was uploaded as blue lines with customized Erasmus+ logo, through the 2<sup>nd</sup> Vocational Lyceum of Nea Filadelfeia's Google Account. Learners also shot individual photospheres and uploaded them on gsv. Eventually, they were shown and provided with a set of web links visited during the lessons, and some additional ones if they want to further explore and learn the evolution of GSV, and 360° in general.

Finally, the result of our work including the virtual course, the Qr code, the links were communicated to the Municipal Authorities of Nea Filadelfeia in order that they could be known to the local community and advertised to the public. Moreover, they were up loaded on our school's website, on Google Map and Google Street View.

Last but not least special thanks to all adult learners who attended the virtual learning course and to our trainer, Mr. Minos Nevradakis.

**Deliverables:**

[Over 2.5 kms where mapped on Google Street View as a blue line:](#)





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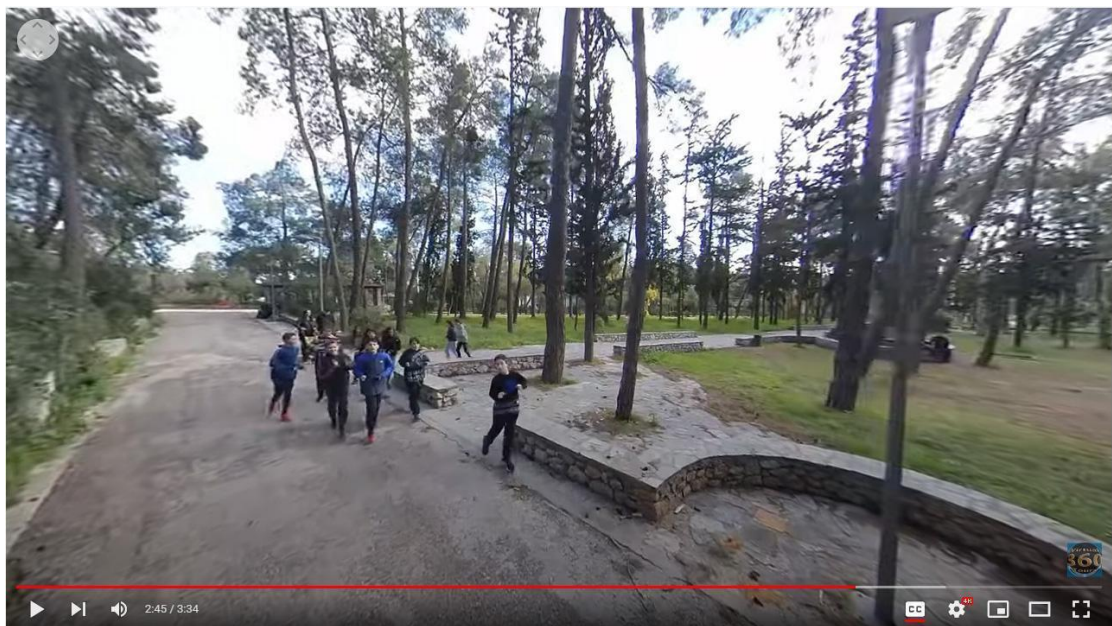


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[Over 800 panoramic images were included in the Virtual Tour:](#)



[A 360°-Video Walk Through was also uploaded on YouTube:](#)





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Scan Here to See all the Deliverables

And the Project Presentation:

<https://hellaspanorama.gr/hosted/erasmus/>

