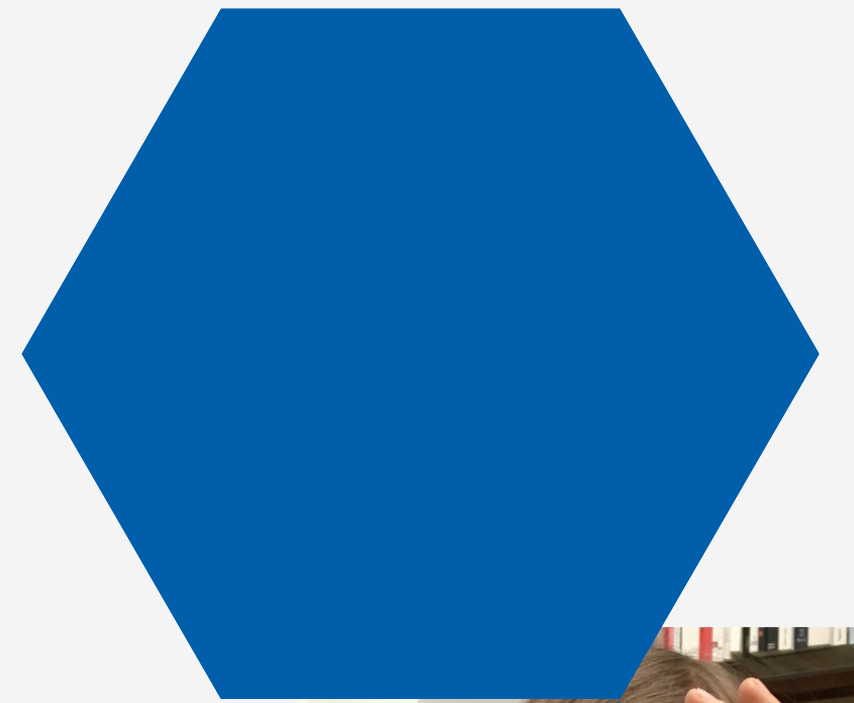




Technology for people with disabilities

Applications of 3D technologies (design, printing, scanning) for different groups of people with disabilities



Agenda

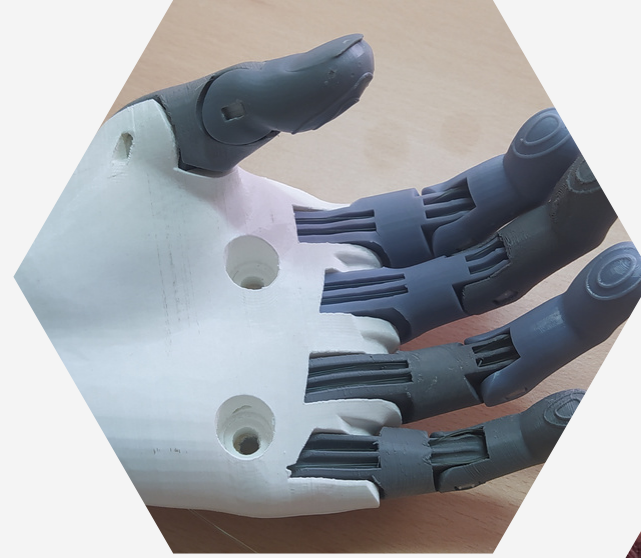


- 3D Applications for people with Disabilities
- European project Stories4ALL

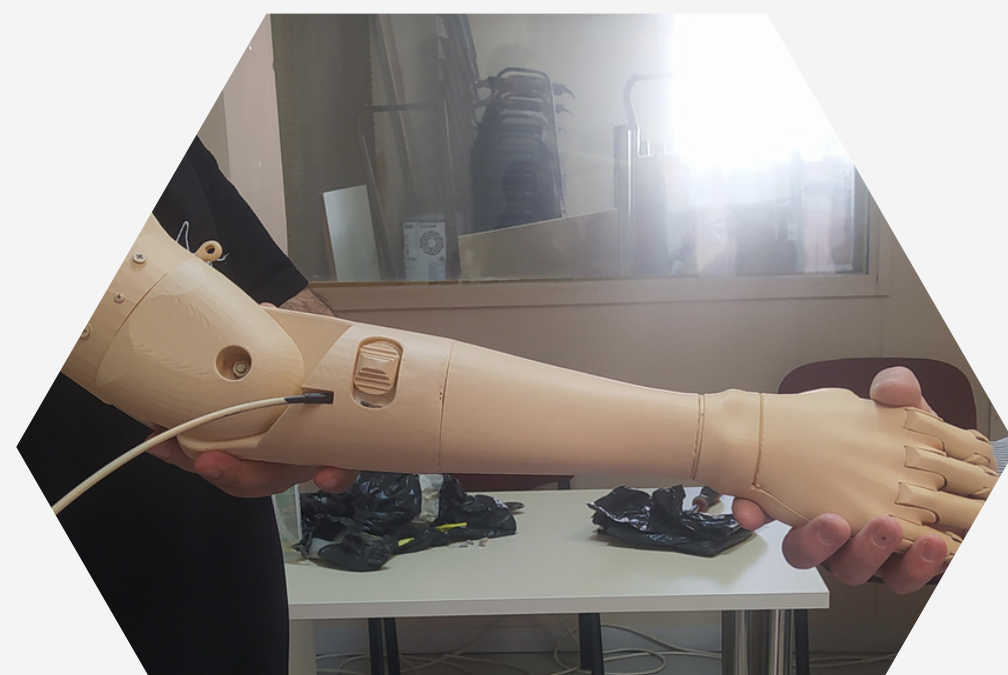


3D Applications for people with Disabilities





People with upper limb disabilities





People with leg disabilities



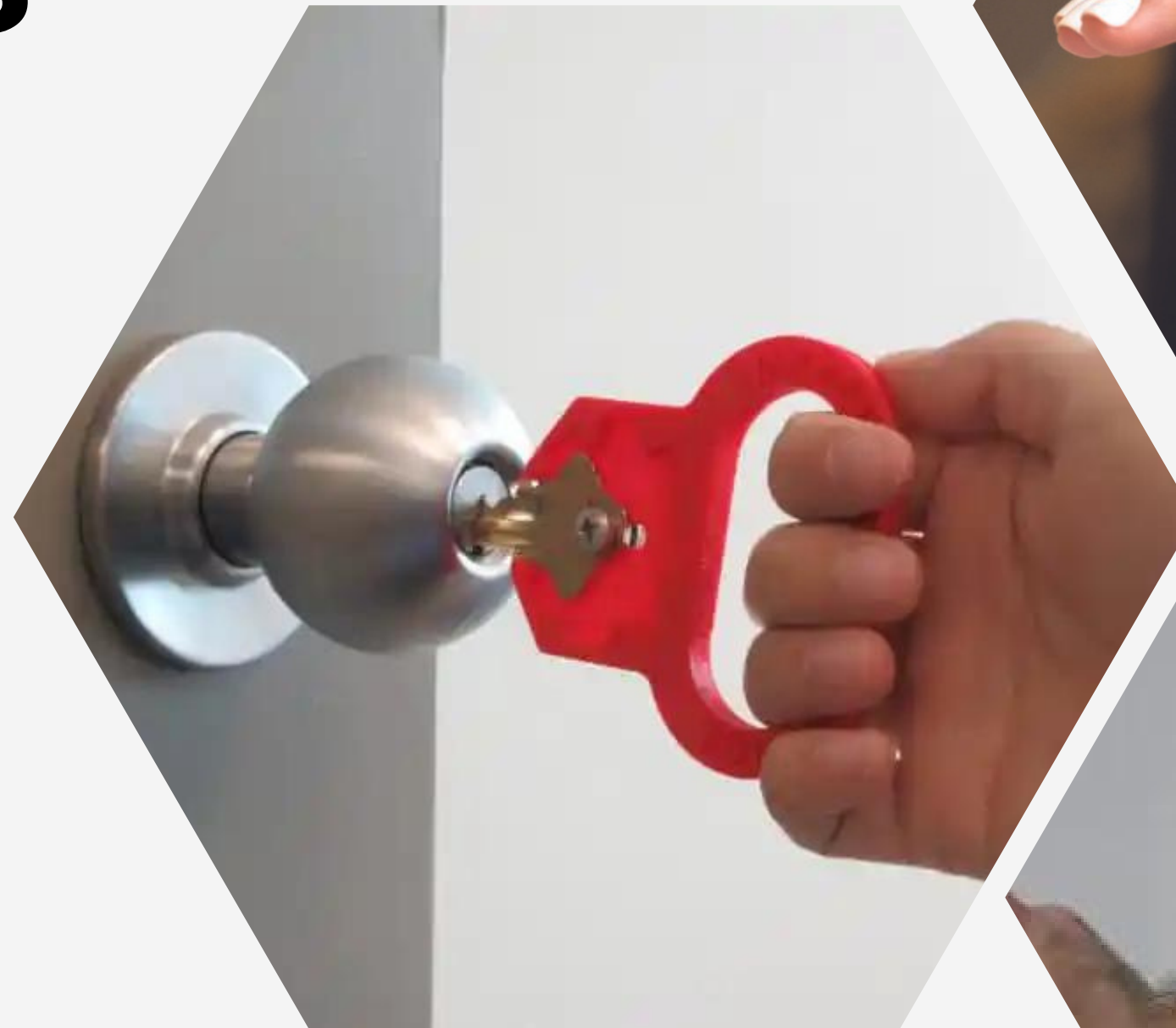
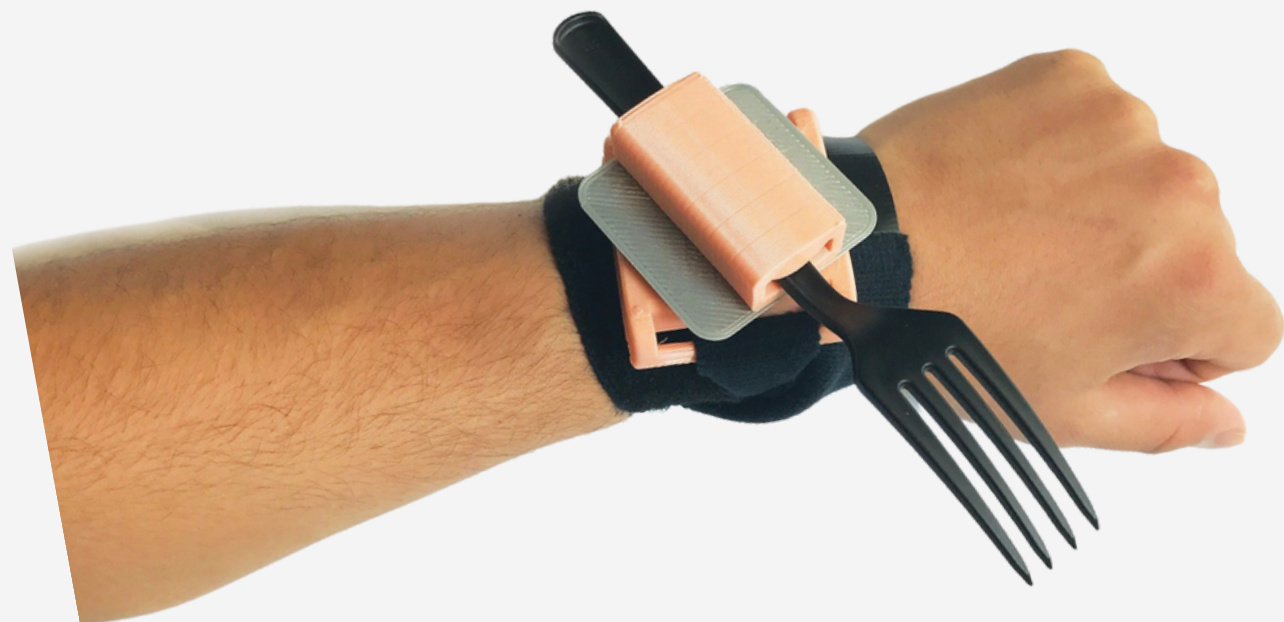


Splints





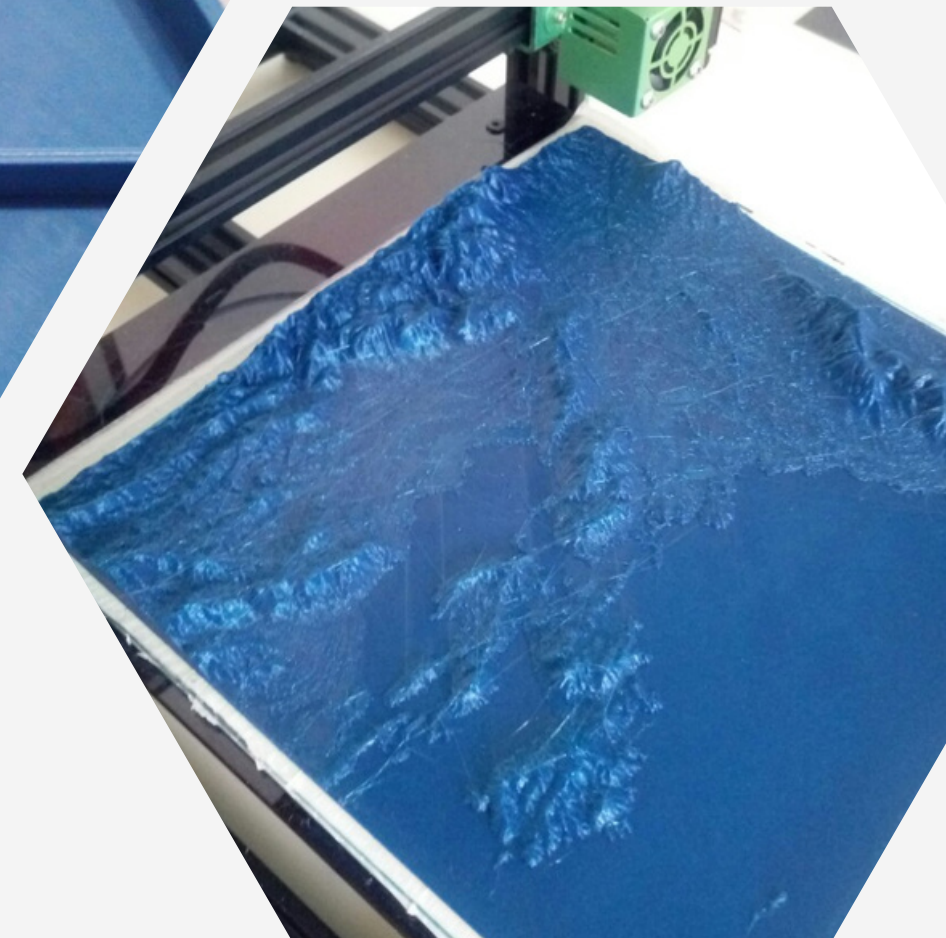
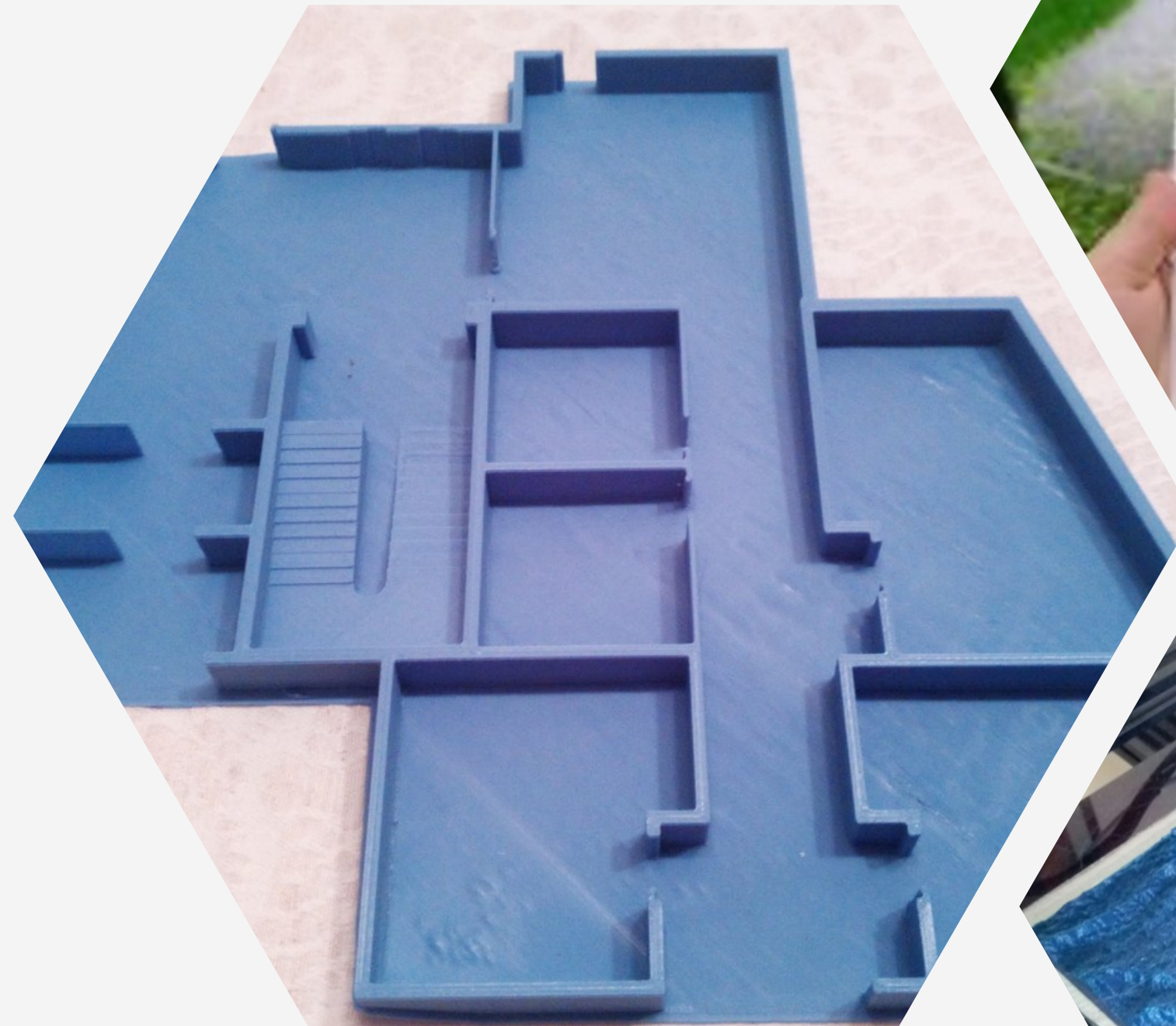
Several aids for people with kinetic difficulties





People with visual impairment

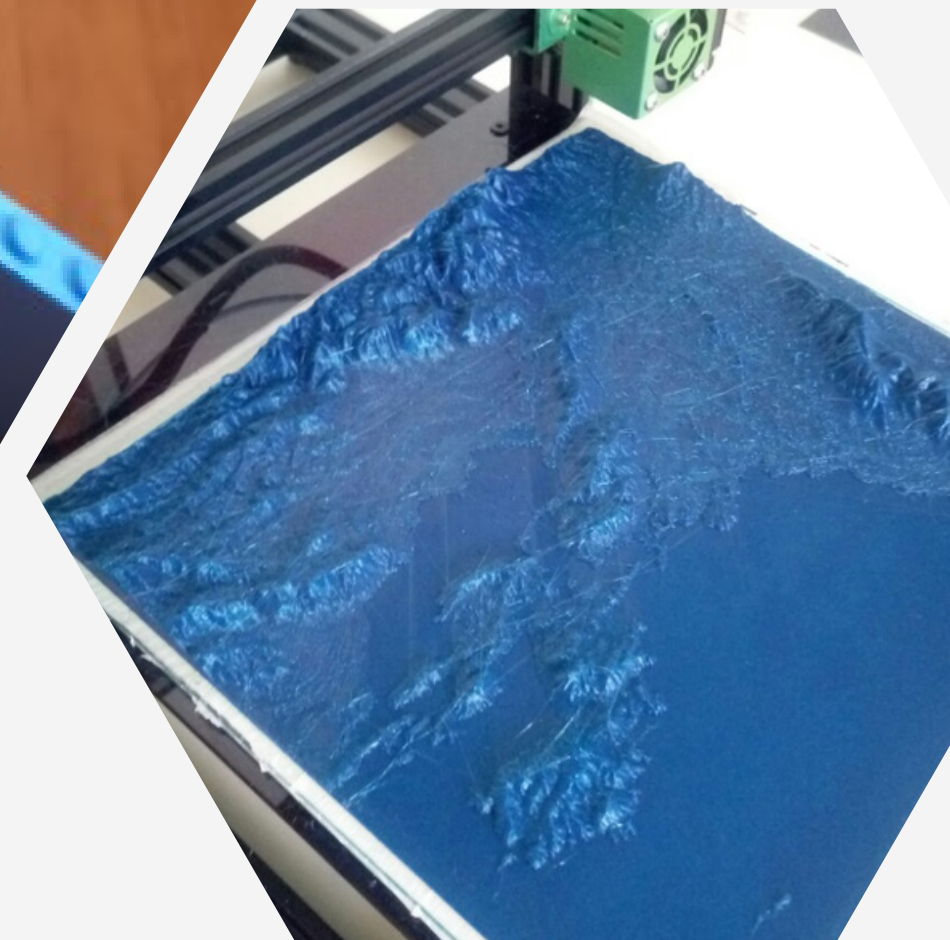
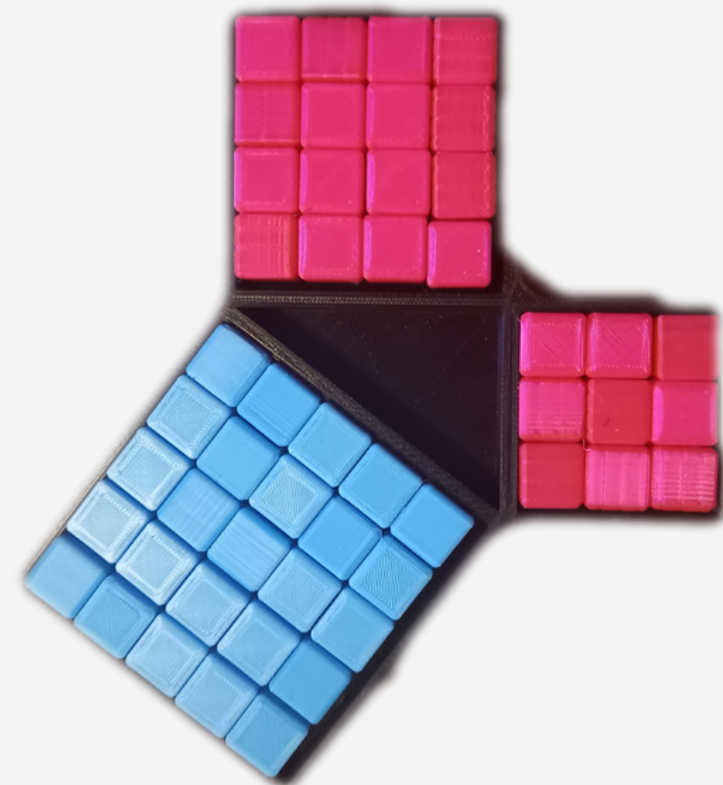
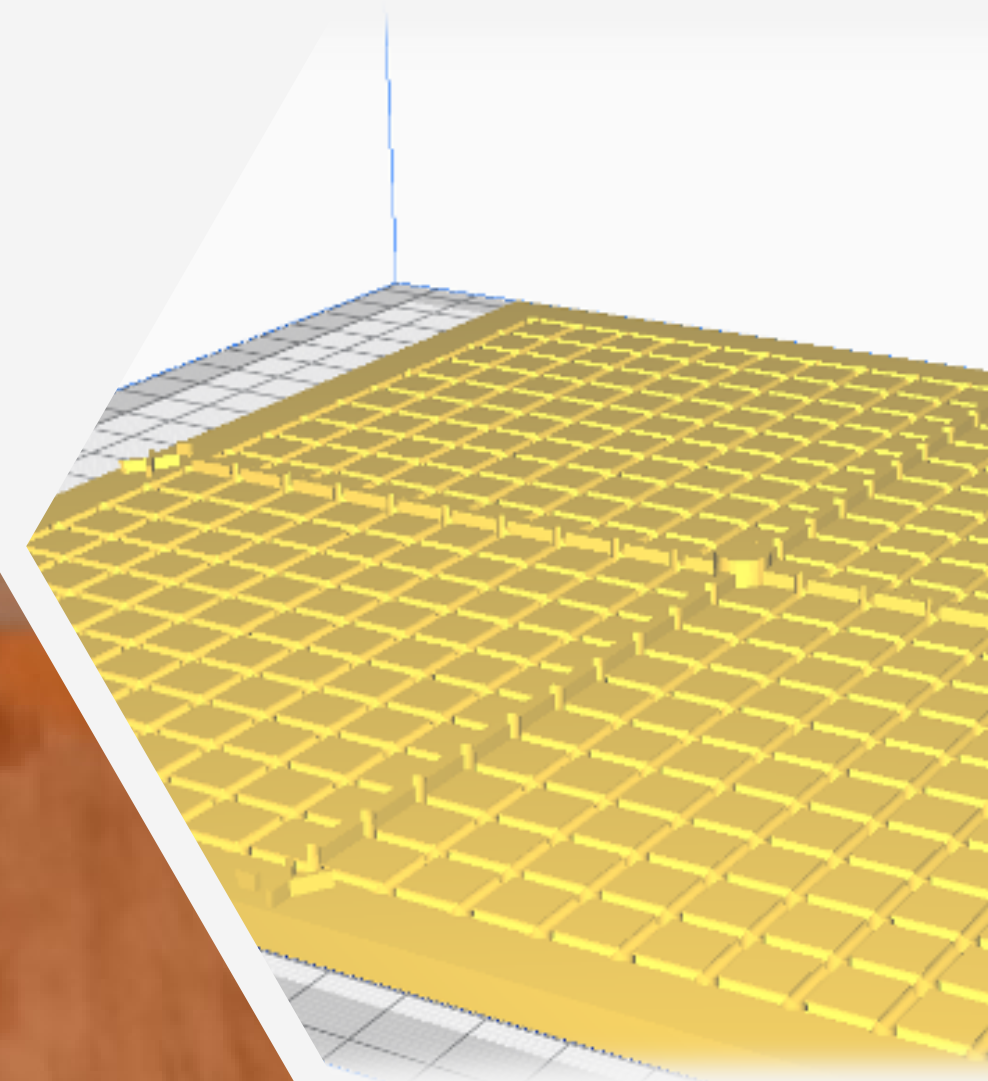
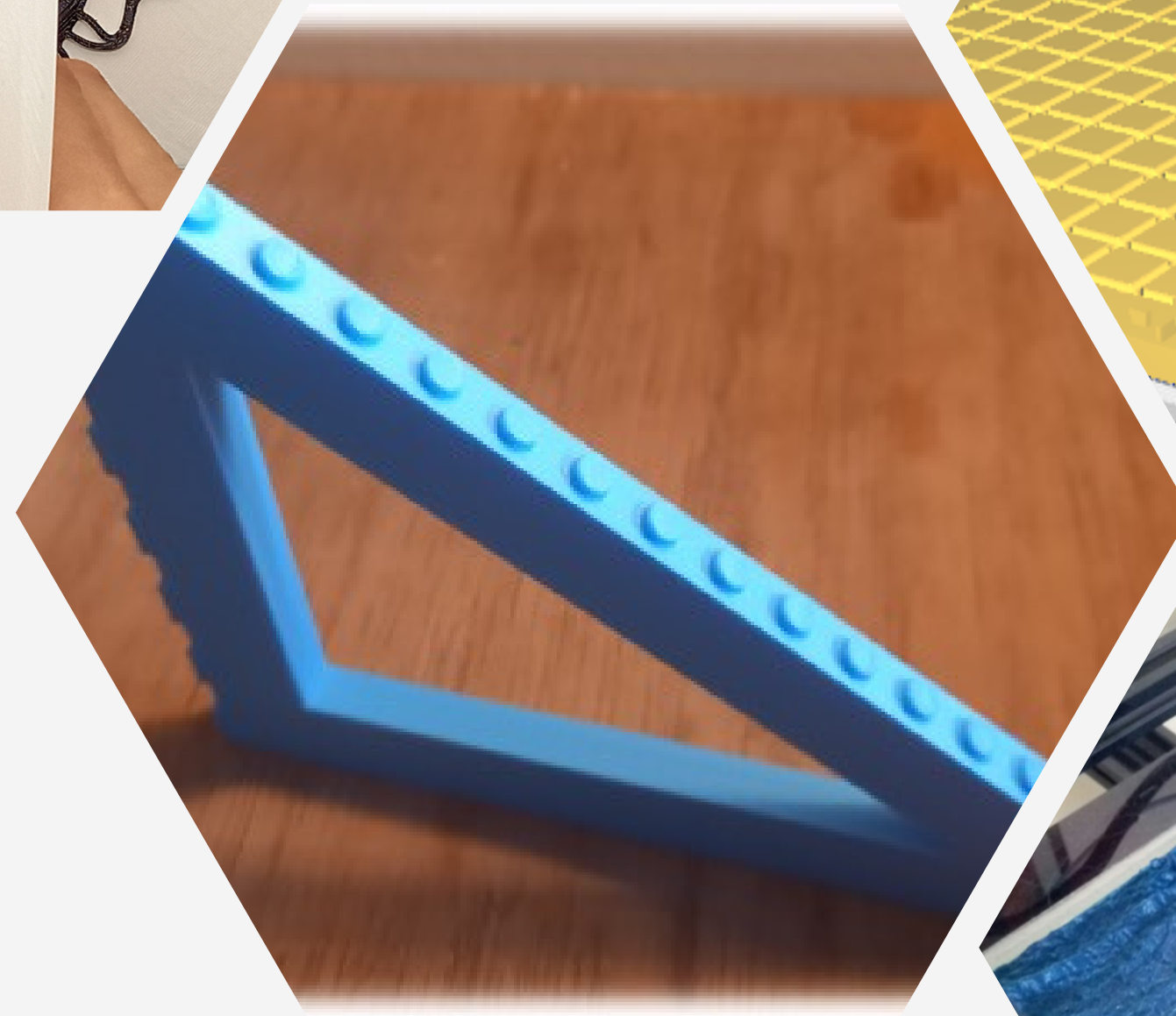
For orientation





People with visual impairment

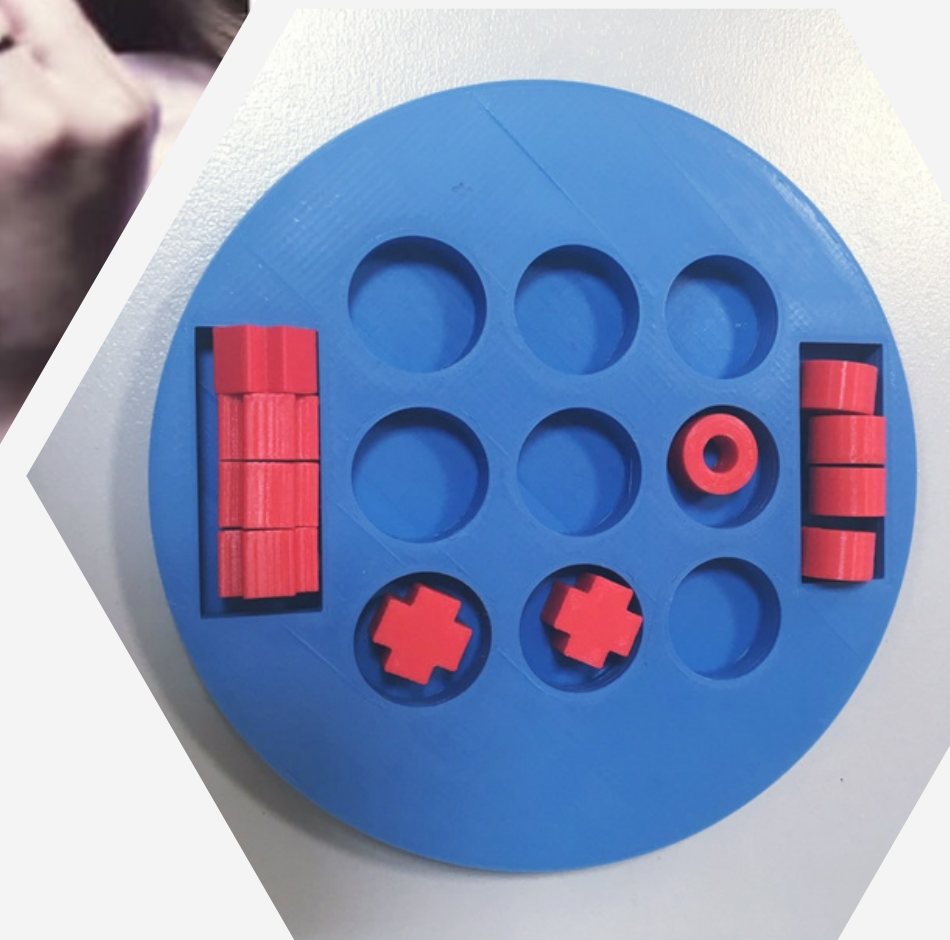
For education





People with visual impairment

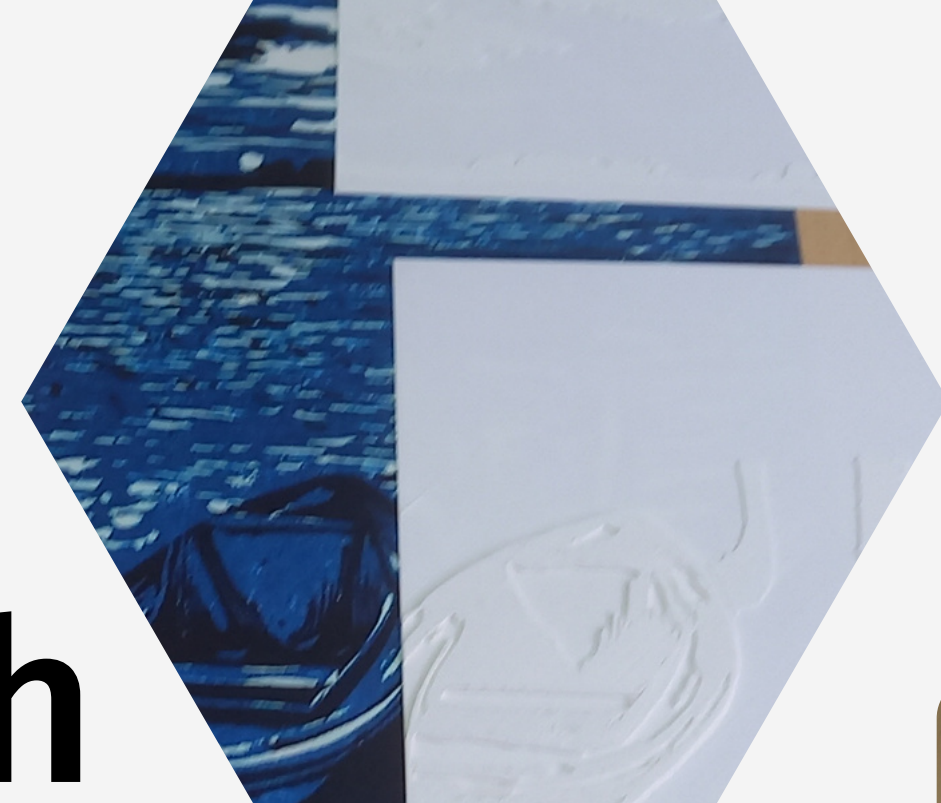
For entertainment





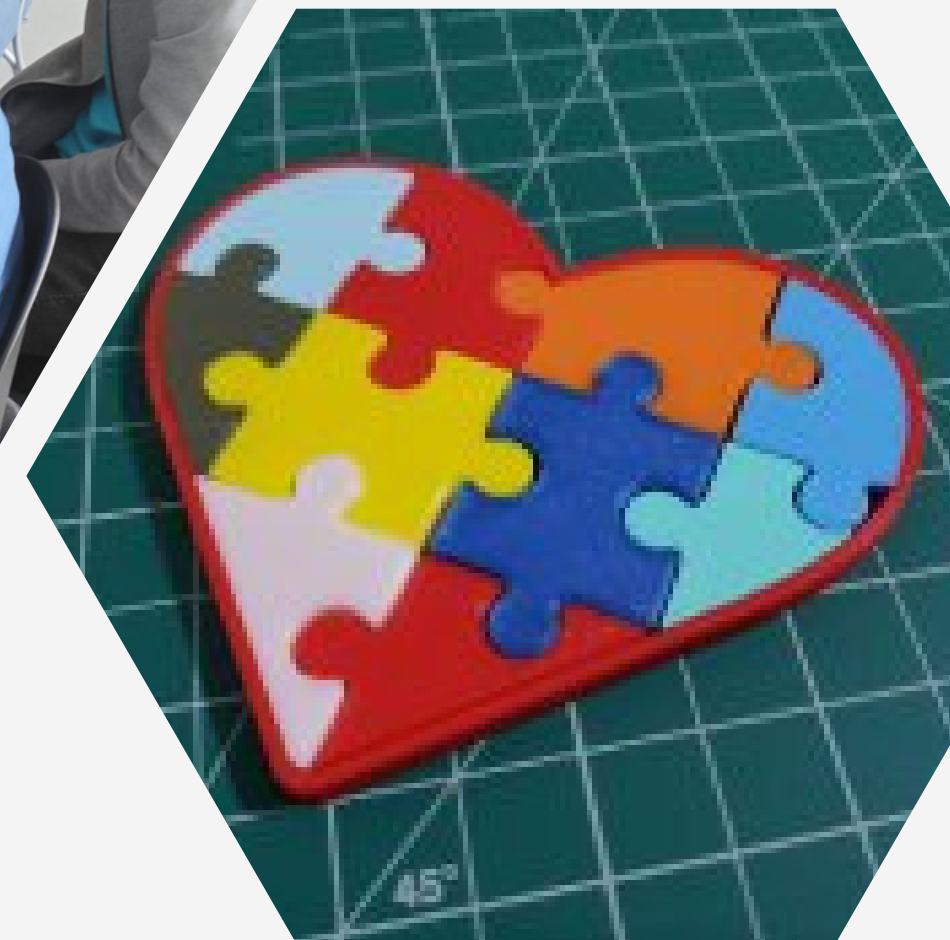
People with visual impairment

For accessible art exhibitions





People in the spectrum of Autism





Stories4ALL

Stories4All

Small Scale Erasmus+ program

Project No: 2021-1-EL01-KA210-SCH-000031465





e-Nable Greece

Partners

- e-Nable Greece - Coordinator



- Amimoni



- Mikrococosmos





How was the project created?

The inspiration of this idea started with the small-scale National project “Giving life to pictures” (Points of Support 2020) by the two Greek partners (e-Nable Greece & Amimoni)



Project results

- GuideBook for designing a new or transforming an existing story/educational material in Visual - Audio - Tactile (3D Printed) form
- E-Learning Platform
- Workshops in Athens and Turin
- Exhibitions of digital tactile stories in Athens and Turin



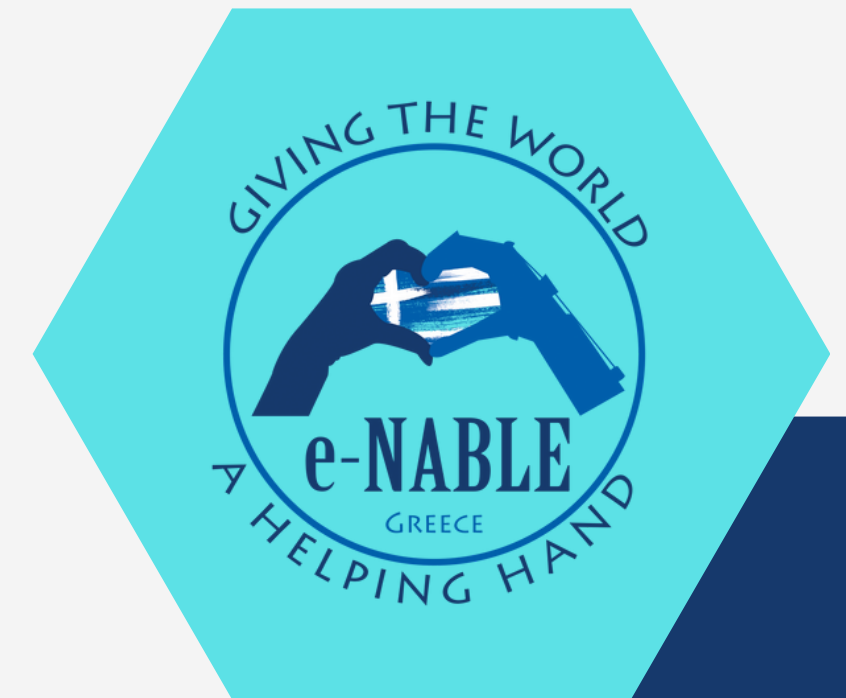
Target Groups

Direct

- Trainers of the consortium
- Teachers of special or inclusive schools with students with VI.
- Families of students with VI. Through training and dissemination activities, we aim to support all members of a family (siblings, parents, grandparents, etc.)

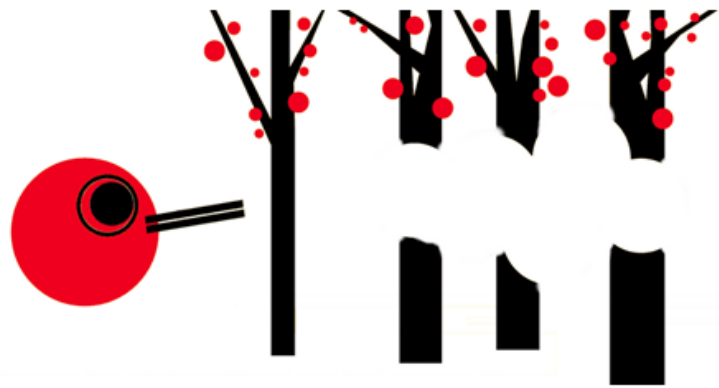
Indirect:

- Students with VI, i.e., low or no vision.
- Students without disabilities who attend an inclusive class.

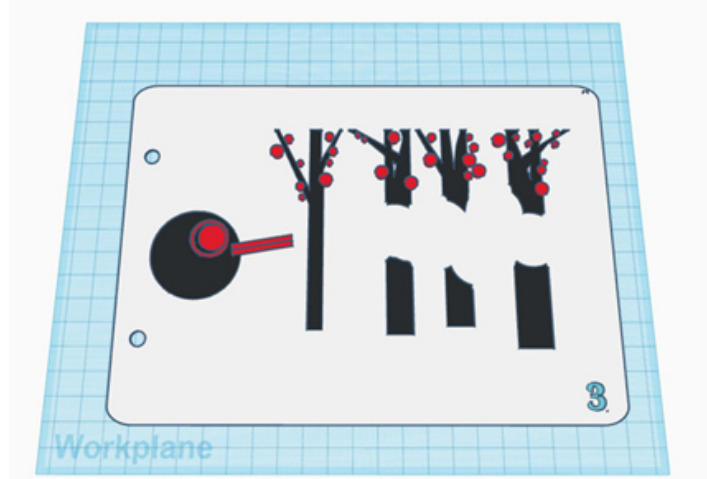




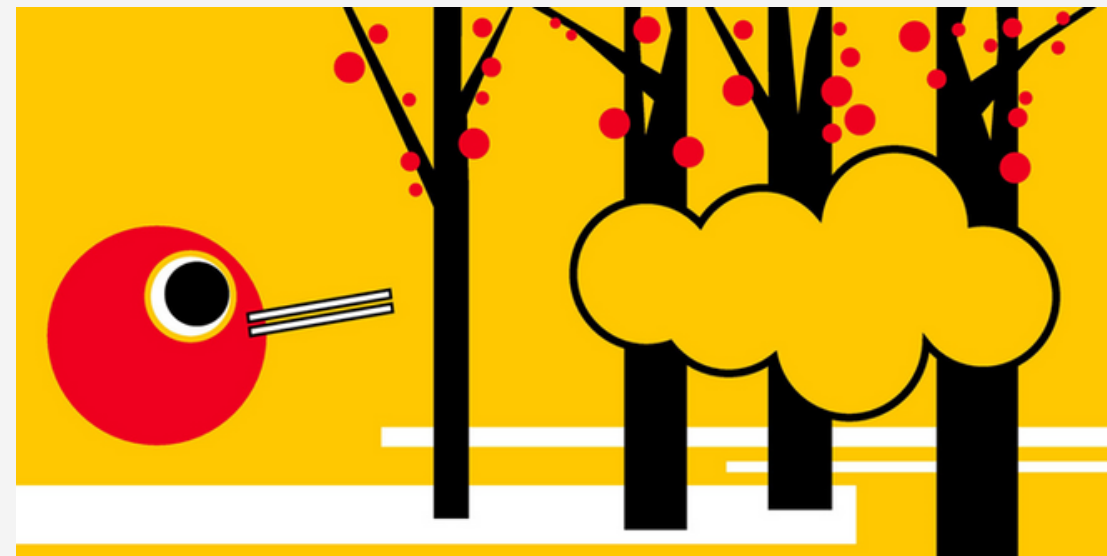
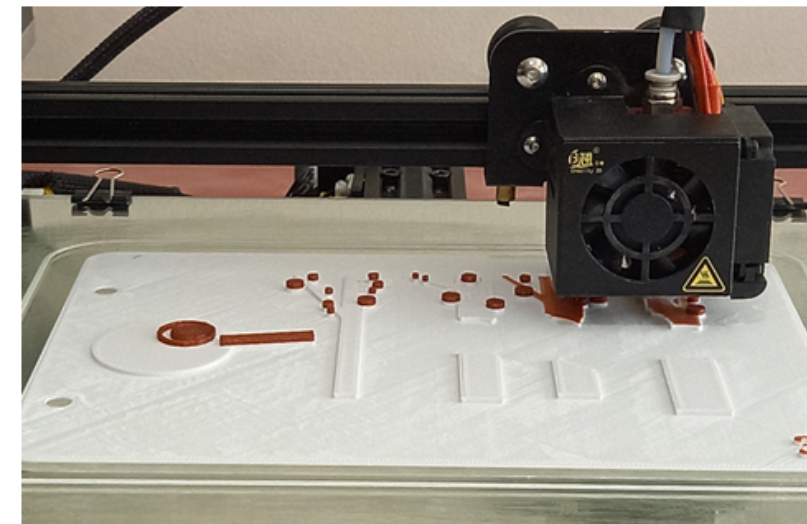
Simplify the image – Keep the basic shapes



Convert the digital image into the suitable digital file format (SVG, STL)

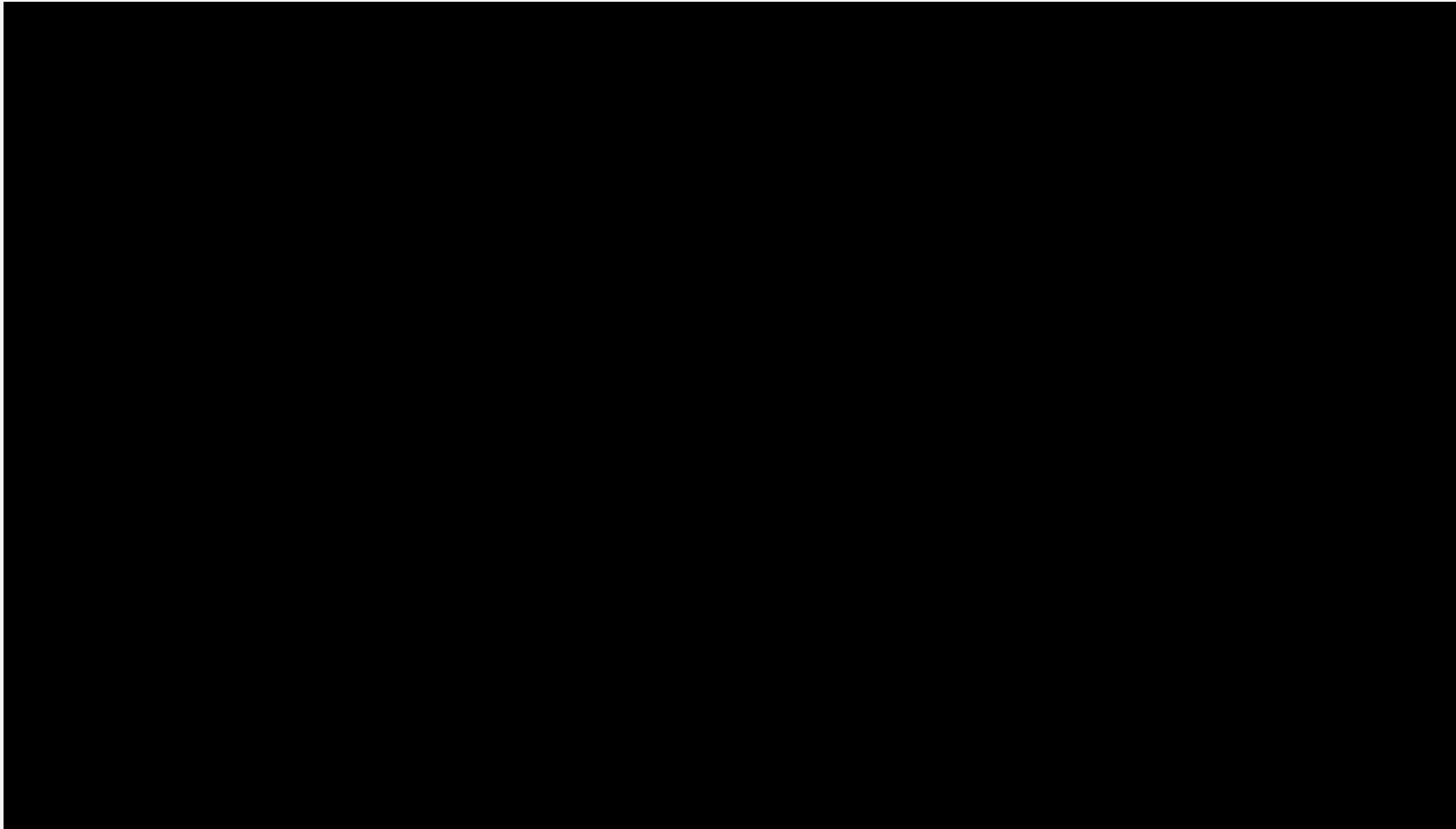


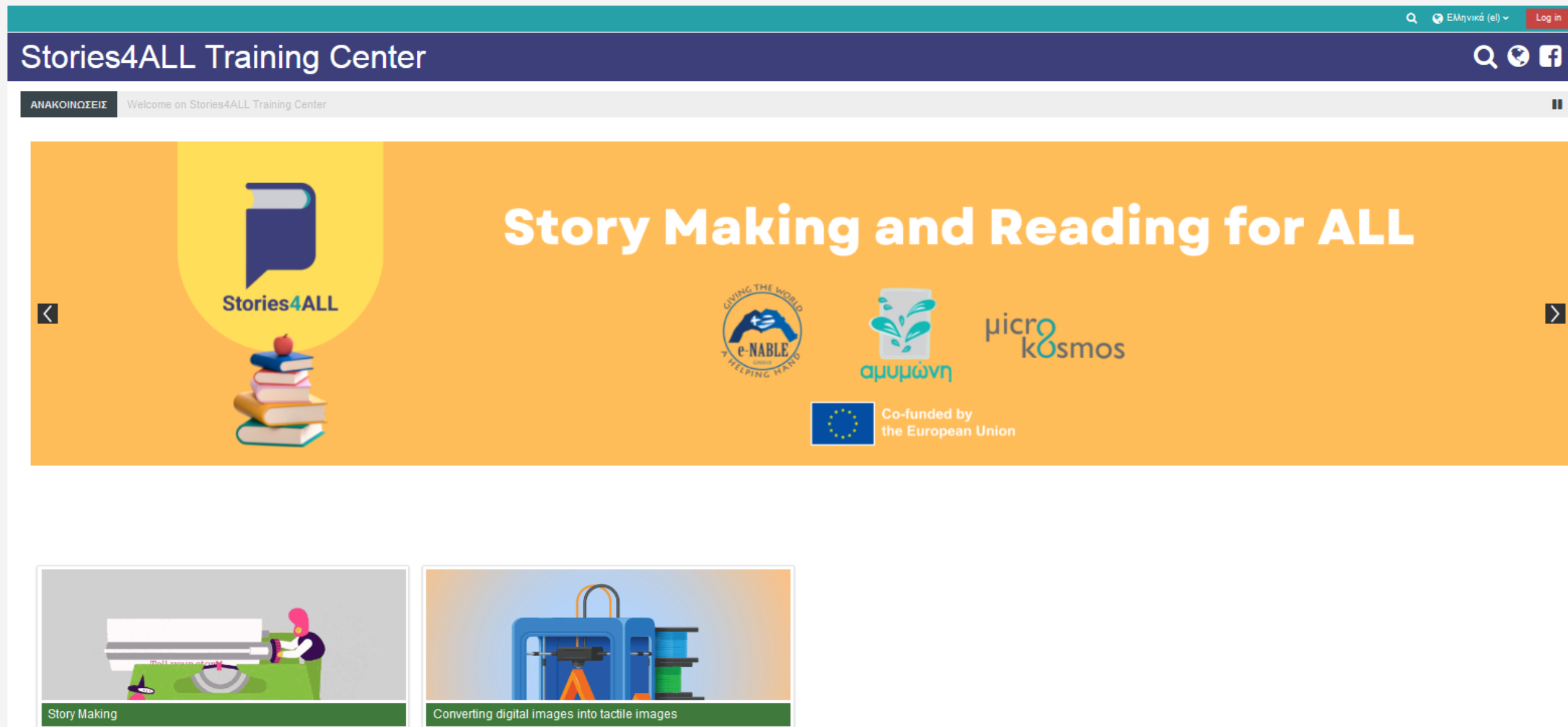
3D Printing





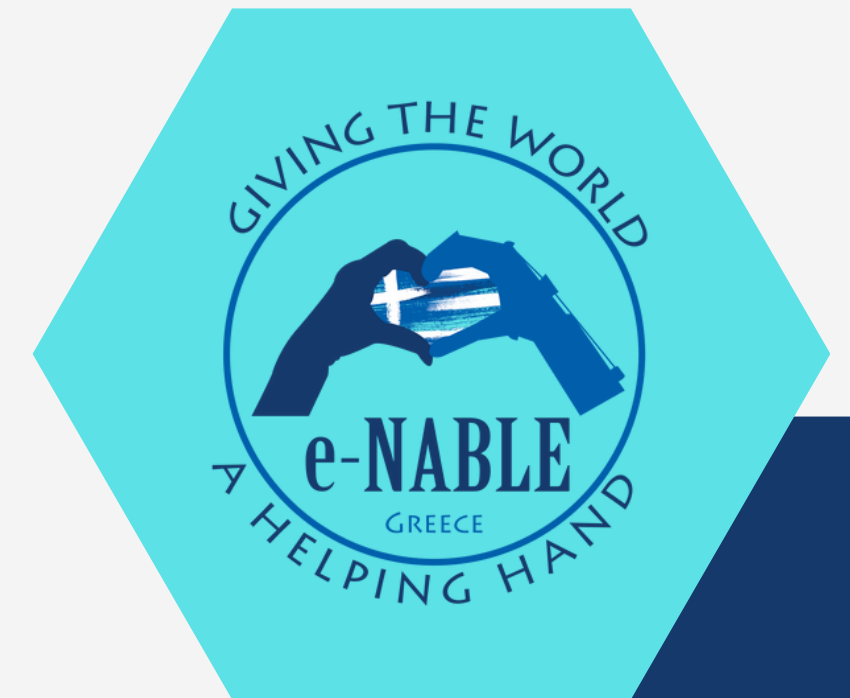
e-Nable Greece





e-Learning platform: elearn.stories4all.eu

Website: stories4all.eu





THANK YOU!

