

Congress.

3D printing and visual impairment. New Challenges in Service-learning educational contexts.



The visually impaired constitute a community at risk of social exclusion. Beyond the strict definition of visual impairment, or the percentage of vision loss of each individual, adequate training is crucial for the full social integration of this community. In addition, raising the awareness of the rest of the population towards the special needs of disadvantaged groups in general and visually impaired people in particular requires educational interventions in this regard.

On the other hand, the emergence of new technologies, such as 3D printing, has opened a range of educational possibilities and services that can alleviate the aforementioned inequalities and collaborate in inclusive actions.

The main objective of this project is to attend to the inclusion of students with visual impairment. This objective is addressed from a number of points, including service-learning methodologies that promote awareness of the needs of this group and the educational development of 3D printing skills. The 3D products can facilitate routines and empower the visually impaired students involved in their design, production and evaluation.

Project partners:

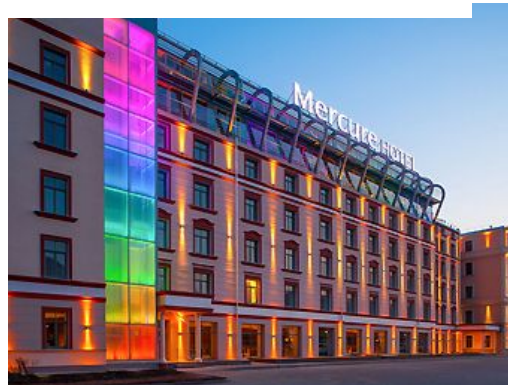
1. CONSELLERIA DE EDUCACION, INVESTIGACION, CULTURA Y DEPORTE (Spain, VALENCIA)
2. REHABILITATION FOR THE BLIND (Greece, ATHENS)
3. BJONUSTU-OG BEKKINGARMIOSTOO FYRIRBLINDA SJONSKERTA OG DAUFBLINDA EINSTAKLINGA (Iceland, REYKJAVIK)
4. MUNDO READER SL (Spain, Las Rozas de Madrid)
5. INSTITUTO ENSEÑANZA SECUNDARIA CONSELLERIA (Spain, VALENCIA)
6. IES BENLLEURE (Spain, VALENCIA)
7. 3rd Gymnasium Kifissia (Greece, N. Kifissia)
8. ELLINOAGLIKI AGOGI (Greece, Marousi)
9. 4o DIMOTIKO SXOLEIO PEFKIS (Greece, ATHENS)
10. Rīgas Vājredzīgo un Nerēdžīgo biedrība *Redzi mani (Latvia, Riga)*

June 28, 2018 at 10:00
Latvia, Riga
Hotel Mercure

Elizabetes 101, Riga, LV 1010

Organizers: *The Society of Riga partially sighted and Blind "Look at me"*

Contact: antra.balode@gmail.com



The presentation of the tangible results achieved so far. The teacher training courses, and the didactic (teaching) guide along with the mini textbook with the curriculum content (available online) will be exposed.

Disseminating the results of the project to maximize its visibility. Designing online follow-up activities, as well as workshop minutes and reports summarizing everything there happens.

Opinions of various experts about the done, who are not work in this project.

It can also be a good time for some organizations not involved in the project to support and collaborate with it after seeing the potential of implementing all the intellectual outputs presented to the classroom