



Kick-off of the Co-funded project ASM4Deaf



The co-funded project "ASM4Deaf: Accessible System and Social Media Mobile Application for Deaf Users", submitted and approved for implementation by the Research and Innovation Foundation, aims



to develop an application that aims to provide its deaf users with the ability to represent written and/or spoken languages in sign languages and to produce, modify and revise online sign language contributions.

This requires expertise in a variety of related subjects, including linguistics and sign language synthesis, for creating system vocabularies, knowledge-based architectural synthesis of signs and animation and sign language recognition, for the presentation of manual and non-manual means of translation techniques, sign language. The emphasis will be on ASL (American Sign Language).

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The start-up company that will implement the project, is A.G. Connect Deaf Ltd (<https://connectdeaf.com/>) and project partners are the Frederick Research Center (mdl.frederick.ac.cy/) and the University of Cyprus (www.cs.ucy.ac.cy/seit/).

The dissemination activities, the development of the Business Plan, the Commercialization Plan and the Viability Study will be undertaken by GrantXpert Consulting (<https://www.grantxpert.eu/>).



The development of the videos and communication with the Deaf Community will be undertaken by AnnRae Consulting LCC (<https://arclingui.com/>).

Cyprus is still in its infancy in terms of the proper culture and attitude towards our deaf fellow human beings.

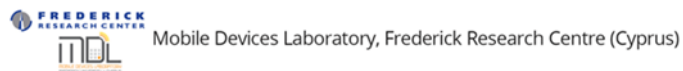
In fact, a study identified prejudices of hearing Cypriots against the deaf, as well as a lack of state support for the deaf community. In addition, through relevant research, a pilot application was created for mobile phones, for the Cypriot Sign Language (CSL) and the results were extremely positive, as the participants were interested and found the application very useful. However, it is obvious that the technologies in Cyprus are at an infant level and the state support is rather limited. Therefore, it is important to promote initiatives that make deaf, first-class citizens.

The proposed project will offer an accessible and innovative product for users who are Deaf within the social media and networking platforms context. Nonetheless, the work that will be conducted throughout the project, and the videos/GIFs that will be produced could have potential uses in other domains too, e.g. for public or governmental services (immediate translations between hearing and Deaf persons in emergency and public transportation cases), educational context (hearing parents learning faster how to sign with their children who are Deaf).

Coordinator



Partners



Associated Partners

