

## ACCESSIBLE EUROPE 2019 – CONTRIBUTION

University of Maribor  
Faculty of Electrical Engineering and Computer Sciences



### *E-Accessibility for Deaf and Hard of Hearing*

#### ACTIVITY COVERAGE

- Regional cooperation and stakeholder engagement: the activity strengthens and supports regional cooperation and the engagement of all relevant stakeholders, in line with the European Accessibility act, in the development and implementation of ICT accessibility policies and solutions in the European region.
- ICT accessibility policies: raising awareness and/or promoting relevant guidelines on public policies, including exchanging knowledge and sharing best practices on ICT accessibility. This may include the development of standards.
- Public procurement with accessibility features: promoting regional and in-country deliver of public procurement as a tool to improve the inclusion of persons with disabilities and specific needs.
- Web Accessibility: developing regional and in country capacity through web accessibility features and/or training to ensure that websites and related services are available and accessible to all citizens.
- Media Services Accessibility: raising awareness about accessibility possibilities of TV and video streaming on digital platforms, and promoting the implementation of appropriate solutions.
- Innovation and Accessibility: promoting the development of regional and in-country capacity building on programming for all, including persons with disabilities and specific needs. This may include embedding “accessible by design” in the product’s innovation/development process.



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**DESCRIPTION OF CURRENT/RECENT ACTIVITIES**

Due to the rapid development of Information-Communication Technology (ICT), we are also witnessing important advances in the field of Accessibility in higher education. In order to develop an e-accessible learning and teaching process in higher education, it was essential for the staff at the University of Maribor to be familiar with the specific needs and requirements of the use of Accessible ICT. The accessibility team at the University of Maribor developed several technical and organisational solutions, and tools for implementing accessibility. Some specific solutions, like transparent video module for web pages and e-learning system for deaf and hard of hearing people got several European and national awards. The team at the university is also responsible for public diseminations of ICT accessibility solutions in Slovenia and even to ITU and work on ETSI EN standard on accessibility. An example of the e-learning solution for deaf and hard of hearing and for blind and sight seeing can, developed by the accessibility team at the University of Maribor be seen in this video: <https://youtu.be/65WKdVdRjS8>.

Activity running in:

- 2016 or before
- 2017
- 2018
- 2019
- 2020
- 2021
- 2022
- 2023

**CALL FOR COLLABORATION/COMMITMENT TO FUTURE ACTIVITIES**

The accessibility team at the University of Maribor has been involved as a coordinator or partner in more than 30 European and national projects, dealing with accessibility together with ICT, especially in video and audio streaming solutions, e-learning solutions and augmented and virtual reality solutions. Additionally, the team work as experts in different committees on accessibility standard and policies. The team is interested to cooperate in European projects consortium in the field of ICT and accessibility, especially in visual and tactile communication.

**ORGANISATION INFORMATION**

Organisation Name: **University of Maribor** Country: Slovenia

Organisation/Activity URL: <https://feri.um.si/en/>

Social Media Account (Twitter, LinkedIn, etc): N/A

