

INCLUTECH Project: Supporting education for all with inclusion technology

To ensure that teachers, parents and others are capable of mastering alternate media formats that cannot be converted entirely automated, the project proposes to develop practical guides and describe didactic methods covering how to prepare mathematical equations, chemical formula, tactile illustrations, 3D models and music scores in order to make these available to students and others with special needs. The result will be a set of printed leaflets also made available in digital format on a dedicated part of the RoboBraille website.

Examples of partner contributions include:

- Descriptions of didactic methods and practical tools used to teach the blind algebra and geometry.
- Descriptions of didactic methods and practical tools used to teach the blind music.
- Descriptions on how to create digital material containing mathematical equations, chemical formula in formats that can subsequently be converted into alternate media formats.
- Descriptions on how to create digital material containing music scores that can subsequently be converted into alternate media formats.
- Descriptions of didactic methods and practical tools used to create tactile illustrations and 3D models.
- Descriptions of didactic methods and practical tools for creating e-books and audio books in accordance with personal preferences amongst the visually and reading impaired.
- General guidelines on how to prepare accessible documents in accordance with accepted standards in order to facilitate conversion and repurposing of material.
- Dissemination strategy for inclusion technology in mainstream education in order to ensure uptake amongst mainstream students, faculty and staff.
- Implementation of dissemination strategy amongst educational institutions in partner country.