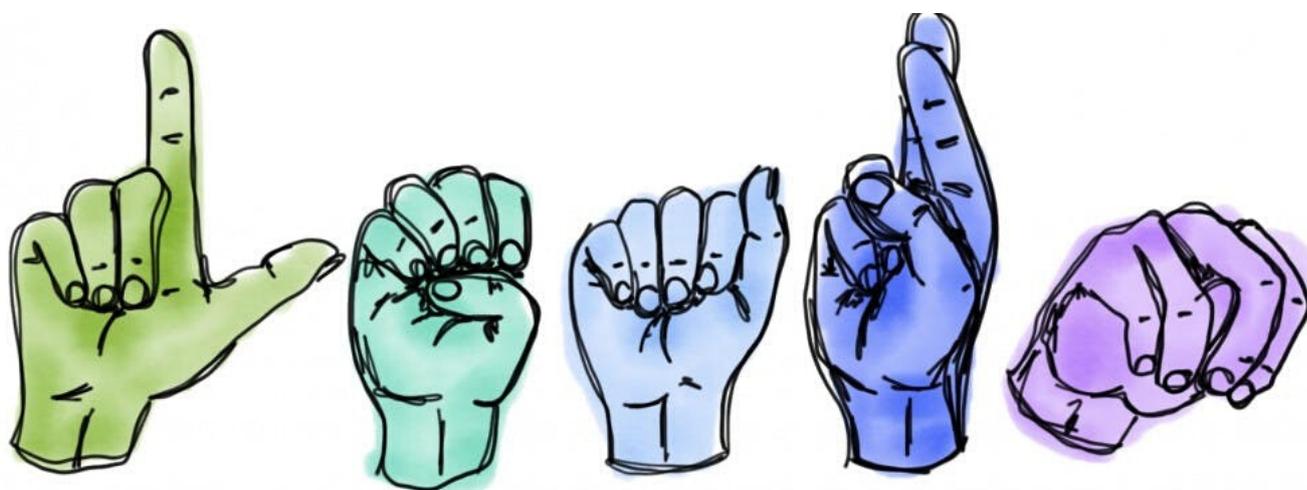


The ROBOTICS4DEAF project aims to **produce a training material and an e-learning platform** for **students with deafness or hearing impairments**. The training material aims to promote **coding/robotics skills** that integrates into all **STEM fields (Science, Technology, Engineering and Maths)**.



TARGET GROUPS

- Direct target group: students with deafness or hearing impairments;
- Indirect target group: Teachers working with deaf students either in formal schools or educators in non-formal settings;
- Sign Language teachers.

BACKGROUND

The development of an educational programme which introduces robotics and coding to people with deafness or hearing impairment will address the need for the right of access and participation of a neglected group to learning opportunities and promote the European Pillar of Social Rights and the European Disability Strategy for ensuring access, participation and employability prospects for deaf youth in the digitalised labor market.



GET IN TOUCH



www.robotics4deaf.eu



@robotics4deaf

KICK OFF MEETING

The powerful team of organizations and professionals from **5** European countries met on the **19th and 20th of December, 2019 at the Społeczna Akademia Nauk University in Łódź** eager to kick-off the work of the ROBOTICS4DEAF project. The partners set the first steps toward the effective implementation of the project and divided the responsibilities and duties of the project.



NEEDS IDENTIFICATION

We conducted a **survey** to map out the integration of coding and robotics skills within the community of young people/students with deafness or hearing impairment in each partner country. 25 students with deafness or hearing impairments and 50 educators in each partner country took part in the survey. **The survey results show that students with deafness or hearing impairments have low digital knowledge while most educators are not familiar with educational robotics.**

COMPARATIVE INDEX

Each partner prepared a **National Report** presenting the state of the art in their country. In order to ensure practicality an **INDEX** in the form of questions has designed so that information can be extracted more easily. The index can be found on the link below: <https://robotics4deaf.eu/io1/>

INCLUSIVE HANDBOOK

As part of Intellectual Output 1, the Inclusive Handbook provides guidelines **for creating educational materials for deaf students on eLearning platforms.** The handbook was designed for educators of students with hearing impairments and it enables the creation of the teaching material.



5

countries



125

adult
educators

250

students with
deafness or hearing
impairments

NEXT STEPS

- The development of the **competences framework** which will include the aims and objectives for the educators and the indicators on which the monitoring, assessment and validation process will take place.
- The development of the **on-line Data Bank** which will include a wide selection of tools, resources, teaching material, videos, reports, etc. to support the implementation of the ROBOTICS4DEAF programme.

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"Everybody should learn how to program because it teaches you how to think", Steve Jobs.

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