





RESULTS

What is project aiming to achieve

PROJECT TEAM

Project Management Team

The project will have the following results:

-  Establishment of ICT Competence Network involving four higher education institutions (HEIs) of the University of Zagreb with the know-how and capacity to assist in the design of solutions to improve the communication possibilities of persons with complex communication needs (CCN);
-  Improved learning and employment potential of persons with CCN;
-  Better ICT services for persons with CCN in Croatia, resulting in their improved social inclusion (e-Inclusion);
-  Reduced time and effort of people involved in preparing communication/learning material for people with CCN

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ICT COMPETENCE NETWORK FOR INNOVATIVE SERVICES FOR PERSONS WITH COMPLEX COMMUNICATION NEEDS



Project funded by European Union

ICT COMPETENCE NETWORK FOR INNOVATIVE SERVICES FOR PERSONS WITH COMPLEX COMMUNICATION NEEDS



Grant scheme: **SCIENCE AND INNOVATION INVESTMENT FUND GRANT SCHEME**
Project value: **767.275,08 EUR (549.752,59 EUR FINANCED BY THE EUROPEAN UNION)**

ABOUT THE PROJECT

Project partners:

University of Zagreb:

- Faculty of Electrical Engineering and Computing
- Faculty of Education and Rehabilitation Sciences
- Faculty of Graphic Arts
- Faculty of Humanities and Social Sciences

Project associates:




- Polyclinic SUVAG Osijek
- Croatian Association on Early Childhood Intervention
- Croatia Down Syndrome Association
- Parental association OKO
- Inclusion Support Center IDEM
- iSTUDIO
- Diversitas IT sustavi
- HSM Informatika

The project is aimed at the high value-added sector of Information and Communication Technology (ICT) with the focus on transferring the know-how on development of ICT-based alternative and augmentative communication (AAC) targeted for persons with complex communication needs.

Persons with CCN are individuals who are unable to use speech as their primary method of communication. While reasons for CCN differ widely, such as due to physical and/or intellectual impairment, Down Syndrome, or Autistic Spectrum Disease, AAC methods based on the use of graphic and textual symbols (rather than written words alone) to represent certain objects, actions, or concepts, have been proven as highly beneficial (and in certain cases critical) for improving speech, literacy, learning, employment, and quality of life for persons with CCN.

In the context of the project, ICT-based AAC services refer to services utilizing specific know-how on symbol-based human-to-human and human-to-machine communication in a computer and networking environment. Examples of ICT-based AAC services include means for communication (constructing sentences/phrases, sending e-mails, surfing the web, participating in social networks), learning and entertainment.

OBJECTIVES

-  Build technology transfer and commercialization capacities of a consortium consisting of four higher education institutions (HEIs) of the University of Zagreb;
-  Facilitate creation of innovative services for persons with complex communication needs (CCN), based upon transferring consortium's knowledge on alternative and augmentative communication (AAC) and Information and Communication Technology (ICT) solutions development to Croatian small and medium enterprises (SMEs);
-  Achieve impact on national economy by creating potential new jobs in SMEs; by improving the social inclusion of persons with CCN; and by improving the efficiency of time and effort spent by caretakers and professionals involved in continuous care of such persons.

Explore ICT AAC Base of Knowledge, find published applications and more on project website:

www.ict-aac.hr