

**Project name:** ProgBlox - innovative solutions for early STEM development

**Beneficiary of grants:** didacta advance d.o.o.

**Brief description of the project:** The project proposal "ProgBlox - innovative solutions for early STEM development" is aimed at the transfer of professional and technical knowledge from a scientific research institution (Institute for Electronic Systems and Information Processing of FER) to the company didacta advance d.o.o. in the development of educational mobile robots for the youngest students. The implementation of the project will result in three new products of the applicant with improved technical capabilities and characteristics, which will consequently lead to an increase in sales revenue and business competitiveness.

**Goal and expected results of the project:**

As part of the activity, the employees of the scientific research organization (Department of Electronic Systems and Information Processing, Faculty of Electrical Engineering and Computer Science (FER)) will design three robot models and will assemble, program and devise activities that can be carried out with the created robots.

The described project activities will result in the realization of the following project results:

1. Complete project application submitted to the competent authority in accordance with the rules of the call "Innovation Vouchers for SMEs",
2. Developed three mobile robots intended for preschool and early elementary school children,
3. Created a digital manual for educators with instructions and tasks related to the developed mobile robots
4. Implementation of the project in full compliance with the provisions of the Grant Agreement,

Promotion and visibility of the project is ensured in accordance with the provisions of the Agreement and its annexes.

**Total value of the project:**14.375,00 EUR

**Total eligible costs:** 11.500,00 EUR

**Grants:** 9.775,00 EUR

**Project implementation period:** 23. kolovoza – 21. prosinca 2024. godine.

**Contact for more information:**

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**Contact of relevant institutions:**

Competitiveness and Cohesion Operational Program:

<https://strukturnifondovi.hr/program-konkurentnost-i-kohezija-2021-2027/>



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