

Project title: Testing the possibility of controlling a mobile robot through robotic vision

Grant beneficiary: Didacta advance d.o.o.

Brief description of the project: The project proposal "Testing the possibility of controlling a mobile robot through robotic vision" is aimed at transferring the expertise and technical knowledge needed to test the use of the Raspberry Pi - Fischertechnik interface in the development of a robotic model that connects artificial intelligence used in robotic vision. business, growth of operating revenues and adding new functionalities to the product.

Objective and expected results of the project:

Using the applicant's computer interface (Raspberry Pi) and the building blocks from the Fischertechnik set, ZIO (Department of Electronic Systems and Information Processing FER) will design an advanced mobile robot for the applicant and examine the possibility of its control using robotic vision.

The described project activities will enable the realization of the following project results:

1. Made a mobile robot with robotic vision
2. Developed instructions on handling and use of the developed mobile robot with robotic vision.
3. Implementation of the project in full compliance with the provisions of the Grant Agreement.
4. Ensured promotion and visibility of the project in accordance with the provisions of the Agreement and its annexes.

Total project value: 125.000,00 HRK

Total eligible costs: 100.000,00 HRK

Grants: 75.000,00 HRK

Project implementation period: 17.2.2021. – 18.5.2021.

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Contact relevant institutions:

European Structural Investment Funds: www.strukturnifondovi.hr

European Regional Development Fund: <https://strukturnifondovi.hr/eu-fondovi/>

Competitiveness and Cohesion Operational Program:

<https://strukturnifondovi.hr/eu-fondovi/esi-fondovi-2014-2020/op-konkurentnost-i-kohezija/>

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