



University of Rijeka, Faculty of Maritime studies

PROJECT ACRONYM AND TITLE: move.AI – Personalized Motion Detection, Analysis, and Correction Using Artificial Intelligence

FUNDING PROGRAMME: Operational Programme Competitiveness and Cohesion 2021-2027 (IRI S3 – Increasing the development of new products and services arising from research and development activities)

PERSON RESPONSIBLE: Jasmin Ćelić, PhD, Associate Professor

FINANCIAL DATA

Grant Amount	Overall funding assigned to PFRI
623.610,84 €	109.309,34 €

SUMMARY

The proposed solution applies theoretical knowledge, in-house expertise, and practical results from previously conducted kinesiology experiments and projects. It focuses on human pose tracking as the foundation for analyzing more complex forms, such as full-body movements. The project is built on the concept that movement can be represented and analyzed as a sequence of consecutive poses. By incorporating movement-related variables (e.g., time, speed, directional changes, measurement deviation ranges), it enables precise analytical tracking of movement execution. This innovative approach offers significantly advanced motion-tracking capabilities with broad applications across fields such as medicine, sports, and fitness.

Start date	End date
01.07.2026.	01.07.2029.

PARTNERSTVO

Br.	Partner organization	Country	Role
1.	CITUS d.o.o. (CITUS Software Development Ltd.)	Croatia	Vodeći partner
2.	University of Rijeka, Faculty of Maritime Studies	Croatia	Partner
3.	University of Zagreb, Faculty of Kinesiology	Croatia	Partner

WEBSITE: /

ADDITIONAL INFO:



**University of Rijeka,
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PFRI project team members:

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- Marko Vukšić, mag. ing. el.