

**PARKCASH Spółka z ograniczoną odpowiedzialnością**  
**is implementing a project co-financed by the Regional Program of**  
**European Funds for Podkarpacie 2021-2027,**

**Priority: FEPK.01 "Competitive and Digital"**

**Action: FEPK.01.01 Research and Development**

**Type of project: Support for research and development activities**

***Title: "Development of a comprehensive IT system based on proprietary holistic models and software-hardware protocols supporting decision-making processes in the use of enclosed parking spaces and optimizing the planning of shared transport for office workers."***

**Project objective:** The objective of the project is to develop an innovative product in the form of a comprehensive IT system based on proprietary hardware solutions, protocols, and algorithmic heuristics.

**Planned effects and results:**

- automation and decision support in the management of enclosed parking spaces in office buildings (ParkBox)
- automation and optimization of planning and reporting in the field of shared transport for office workers (Office Mobility)

**Planned tasks:**

- Development of a heuristic algorithm allowing the automation and optimization of planning and reporting in the field of shared transport for office workers
- Development of a communication protocol and prototype of the ParkBox device, which will enable the automation and optimization of access management to enclosed parking spaces
- Validation of the developed algorithms, protocols, and prototypes in real conditions and optimization of

the solution based on the results in operational conditions

**Target groups:** użytkowników parkingów zbiorowych

**Implementation period:** 01.09.2024 – 30.11.2026

**Project value:** 2 632 137,25 PLN

**Grant amount:** 1 853 040,00 PLN