



Operation carried out with the
support of European funds
from the Marche Region

PR FESR CALL 2021-2027 - AXIS 1 - SPECIFIC OBJECTIVE 1.1 - ACTION 1.1.1 - Call "RESEARCH AND DEVELOPMENT TO INNOVATE THE MARCHE REGION" - Incentives for companies carrying out industrial research and experimental development within the framework of the Regional Smart Specialization Strategy - BUSINESS AGGREGATION.

RIEFH - Reaxing Interactive Ecosystem for Health - ID 63112

Total budget

€759,764.00

EU funding

€406,362.77

The RIEFH project aims to transform patented neuro-reactive training equipment into an integrated health ecosystem (Integrated Health Cloud). The strategic goal is to enable the company's structured entry into the longevity market and the prevention of neurodegenerative and neuromotor diseases (such as Alzheimer's and Parkinson's), promoting physical exercise as a complementary or alternative therapy.

The system aims to measure a greater volume of data compared to current equipment, integrating advanced sensor technologies (wearable, embedded, or independent) to detect movements, physiology, and biomechanics under conditions of three-dimensional unpredictability. These data will be collected in a big data cloud and analyzed using AI algorithms that will provide adaptive, predictive, and comparative analyses.

The ecosystem will be managed through four application interfaces (for center, professional, client, and support).

The project will reach TRL7 level.