



Cross4Health

Awarded Projects Interview

Awarded Project	iWalkU
Company Name	Kinetikos



1. What is the company's business activity?

Kinetikos solution increases clinical assessment, via an intuitive cloud-based platform, by providing actionable insights based on validated musculoskeletal models that accurately reconstruct the patient's movement. More specifically, it enables clinicians to:

- Support the clinical decisions with real-time actionable insights;
- Get access to 3D musculoskeletal models that instantly translate patients' movement;
- Monitor patient's evolution and adjust treatments.

2. What is the iWalkU project?

The overall aim of the iWalkU project was to demonstrate scientific and technical evidence regarding the viability of an online exoskeleton for wider market adoption by individual consumers and institutional healthcare providers. **iWalkU** was developed as an online exoskeleton able to both diagnose and register motion, driven by subject-specific motion dynamics, with the ultimate goal to help individuals remain independent and active in their communities and optimise treatments

3. How did the idea come about?

Kinetikos was stimulated to develop a solution of safe and effective remote healthcare for mobility disorders that could allow health providers to continually monitor and update patients' exercise program. Since aging-related conditions share a lot in common with the consequences of long exposure to microgravity, we started looking into devices designed for journeys in space - this was the starting point of a very productive collaboration with the Austrian Space Forum and Fisiomanual Clinic.

4. Who are the core partners of the project?

The iWalkU unique approach naturally demanded cross-over collaborations between different sectors: healthcare (FisioManual), Information and Communications Technology (ICT) industry (Kinetikos) and space sectors (OeWF). Additionally, it generated cross-border collaboration between Portugal and Austria.



5. How did this collaboration between partners arise?

Finding the right partners for the iWalkU project was not a trivial challenge given the European innovation landscape. Through personal contacts, this collaboration came to fruition.

6. How did you hear about the Cross4Health project?

We heard about the project through our Research & Innovation Officer and from our previous involvement in INNOLABS.

7. What is the current status of the project?

We end the C4H project with a new version of the exoskeleton and a fully prepared web-based platform to now move to the next level.

8. What are the next steps?

iWalkU team will explore funding opportunities for the next development cycle.

9. How Cross4Health can support the development of your project?

Cross4Health can give us a significant support in the next development cycle of the product.

10. Would you recommend Cross4Health to other Companies?

We never know how things really are until we take them to the wild! Also, we know that a startup should not take its development too far, and with it delay real-life usage and testing.

This is a truly challenging exercise of balance and timing and Cross4Health provided us with the opportunity to develop and test - successfully - in the wild, an amazing technology in sprint mode!