HORIZON 2020

An intelligent exercise machine for measurable and motivational neuro-muscular rehabilitation therapy

Fact Sheet

Project Information

Enjoint

Grant agreement ID: 836465

Project website

DOI
10.3030/836465

Project closed

EC signature date
4 December 2018

Start date
1 November 2018

End date
28 February 2019

Funded under
INDUSTRIAL LEADERSHIP - Innovation In SMEs

Total cost
€ 71 429,00

EU contribution
€ 50 000,00

Coordinated by
ROBOFIT APS
🇩🇰 Denmark

Objective

Annually 8.45 million of European citizens (~13% EU population) require some form of rehabilitation, and the number is expected to increase due to the aging, the proliferation of diseases and accidents.
Current rehabilitation devices fail to guarantee an effective therapy because of the lack of tailored training according to the patient needs, a therapist is required for each patient leading to long waiting lists, low self-training compliance, and the lack of

precise data about patient’s evolution.
At Robofit ApS (2013, Denmark) we have been working on the new therapy generation: Enjoint. It is a novel intelligent exercise machine for neuro-muscular therapy, that using Big Data and Cloud Connection, provides precise data about patient progress while adjusting the rehabilitation training according to the patient injury and progress. Furthermore, it increases the compliance of the rehabilitation program though self-motivation of the patients thanks its constant feedback.
Enjoint current prototype is a fully functional device (hardware, software running on iOS, and cloud connection) optimized for neuro-muscular rehabilitation of shoulder joint and surrounding muscles. It has proved to reduce €132/patient per session, save €25,781/patient by reducing sickness period benefit, and to improve an 87.5% patient’s compliance to the rehabilitation.
We expect to internationalise our customer base entering by 2021 onwards across Norway, Sweden, Finland, Germany, the UK and France. Expected gross profits after 3 years of commercial exploitation are estimated at €8.35 Million, serving more than 1,100 clinics across Europe. Successful implementation of this expansion project will result in growth of our company by up to 10 employees.

Fields of science (EuroSciVoc)

natural sciences > computer and information sciences > **software**

medical and health sciences > clinical medicine > **physiotherapy**

natural sciences > computer and information sciences > data science > **big data**

social sciences > political sciences > **government systems**

Programme(s)

H2020-EU.2.3. - INDUSTRIAL LEADERSHIP - Innovation In SMEs MAIN PROGRAMME

H2020-EU.3. - PRIORITY 'Societal challenges

H2020-EU.2.1. - INDUSTRIAL LEADERSHIP - Leadership in enabling and industrial technologies

Topic(s)

EIC-SMEInst-2018-2020 - SME instrument

Call for proposal

[H2020-EIC-SMEInst-2018-2020](https://cordis.europa.eu)

See other projects for this call

Sub call

H2020-SMEInst-2018-2020-1

Funding Scheme

SME-1 - SME instrument phase 1

Coordinator

ROBOFIT APS

Net EU contribution

€ 50 000,00

Total cost

€ 71 429,00

Address

MENGGARDVEJ 21
6070 CHRISTIANSFELD
Denmark

SME

Yes

Region

Danmark > Syddanmark > Sydjylland

Activity type

Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links

Contact the organisation
Participation in EU R&I programmes
HORIZON collaboration network

Last update: 10 August 2022

Permalink: https://cordis.europa.eu/project/id/836465