



High Potential Initiatives Profiles

1 Accelerator



FICHE

2 Project and Organization



NeuroAtHome
Soluciones en Neurociencias SL

2.1 Country

Spain

2.2 Project Abstract

Millions of individuals worldwide need physical and cognitive therapy but cannot afford it or live in areas where these services are not available.

NeuroAtHome is a suite of software applications designed to rehabilitate the impairments resulting from acquired brain injuries, spinal cord injuries, neuro-degenerative conditions, to stimulate cognitive functions, and to promote active aging among senior citizens. Using motion-tracking sensors, touch-screens and gamification techniques to create more than 60 fully-configurable exercises that allow clinicians to monitor, in detail, the physical and cognitive therapy of their patients. The exercises have been designed like videogames to increase user motivation. Each exercise is fully configurable to better adjust to the needs of each patient.

While the patient completes the rehabilitation session at home, NeuroAtHome registers patient activity, analyses stored motion and session performance data, and transmits this data back to the server. In this way, therapists will have access to all session results to monitor and manage each patient's personalized treatment plan.

Similarly, patients can complete previously-prescribed therapy in clinical or in home settings using exercises that have been designed to be engaging and easy to use. In this way, NeuroAtHome can be used to provide quality rehabilitation services more efficiently at a lower cost to payers.

NeuroAtHome embeds FI-STAR and FIWARE generic and specific enablers (Motion Evaluator SE, 2D UI GE, Virtual Characters GE).

NeuroAtHome offering is based on a Licensing model, with monthly or annual fees.

2.3 Sector

Human Health and Social Work Activities



2.4 Target Market

B2B

2.5 Business Model

License model; Subscription model

SMART CITY SOLUTION	NO
CLOUD SOLUTION	YES
SOCIAL MEDIA SOLUTION	NO
MOBILE SOLUTION	NO
BIG DATA/ANALYTICS SOLUTION	YES
IOT	YES

2.6 Website

www.neuroathome.com