





“The wearable medical device that warns and monitors seizures continuously”

THE PROBLEM

Epilepsy, is one of the most common neurological diseases worldwide. It is characterized by abnormal brain activity causing seizures or unusual behavior, sensations and sometimes loss of awareness. It carries neurological, cognitive, psychological and social consequences. There is a lack of predictive tools, which would allow the patient to move to a safe space to prevent accidents and injuries because of the seizure.






 **75M** affected people  **30%** drug resistant  **3X** premature risk of death  **70%** people could be **seizure-free** with appropriate diagnosis and treatment

THE SOLUTION

MJN-SERAS is a discreet, non-invasive and wearable medical device that is able to predict an epilepsy seizure before it occurs and monitor it.

- Earpiece that sits in the ear like a hearing air, which is able to read the user’s electroencephalogram in real time.
- A mobile application that contains an artificial intelligence algorithm. This application, which takes a reading of the data from the earpiece using Bluetooth, is capable of emitting a warning signal.

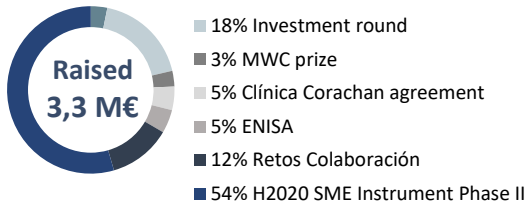
KEY BENEFITS

-  **REAL-TIME** risk of seizure evaluation.
-  **WEARABLE** custom-fit earpiece, discrete and non-invasive.
-  **PERSONALIZED** algorithm that records brain activity and uses Big Data.
-  **OBJECTIVE** reduce accidents, falls and injuries from unpredictable seizures. Reduce the emotional impact of epilepsy.
-  **REDUCE** economic impact through prevention.

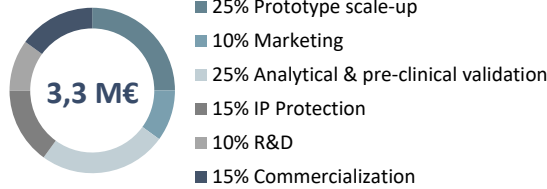
MILESTONES

- 2014 **Foundation**
- 2016 **Proof of Concept**
- 2017 **MVP**
- 2018 **EU Patent Application**
- 2018 **Final Prototype**
- 2020 **CE mark / Market Launch**
- 2021 **Break even**

FUNDS RAISED



FUNDS DESTINATION



KEYMETRICS

- 1.750€** Price device
- 84bn€** Global epilepsy market (2024)
- 0,6%** Penetration rate
- 55M€** projected revenue 2024
- 75.000** users 2024

ACCELERATION PROGRAMS

-   (2018)
-  (2018)
-  (2017)
-  (2017)

MANAGING TEAM



David Blázquez
Co-Founder & CEO - CTO



Salva Gutiérrez
Co-Founder & CFO



Xavier Raurich
Co-Founder & COO



PROMOTER



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