

Best Brain

PITCH DECK



+49 176 73867952



www.bestbrain.tech



office@bestbrain.tech

Intro

Mobile BCIs &
sensors
getting more
comfortable...

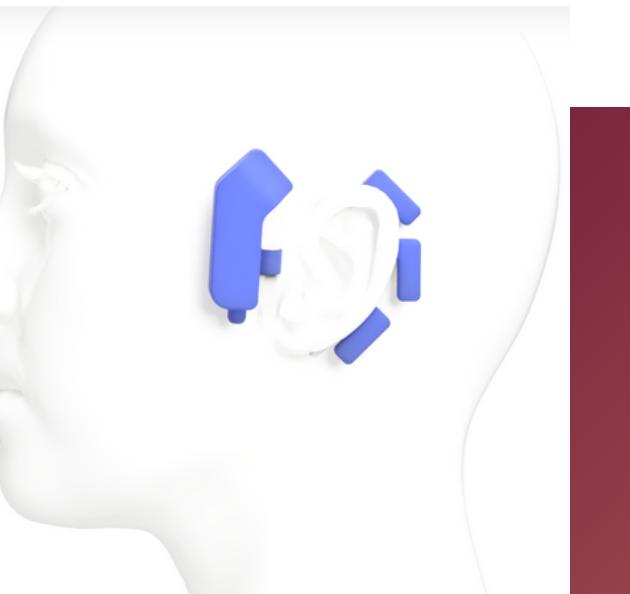


cybernex.co.jp

... and more
integrated in
our daily life.



...more
efficient...

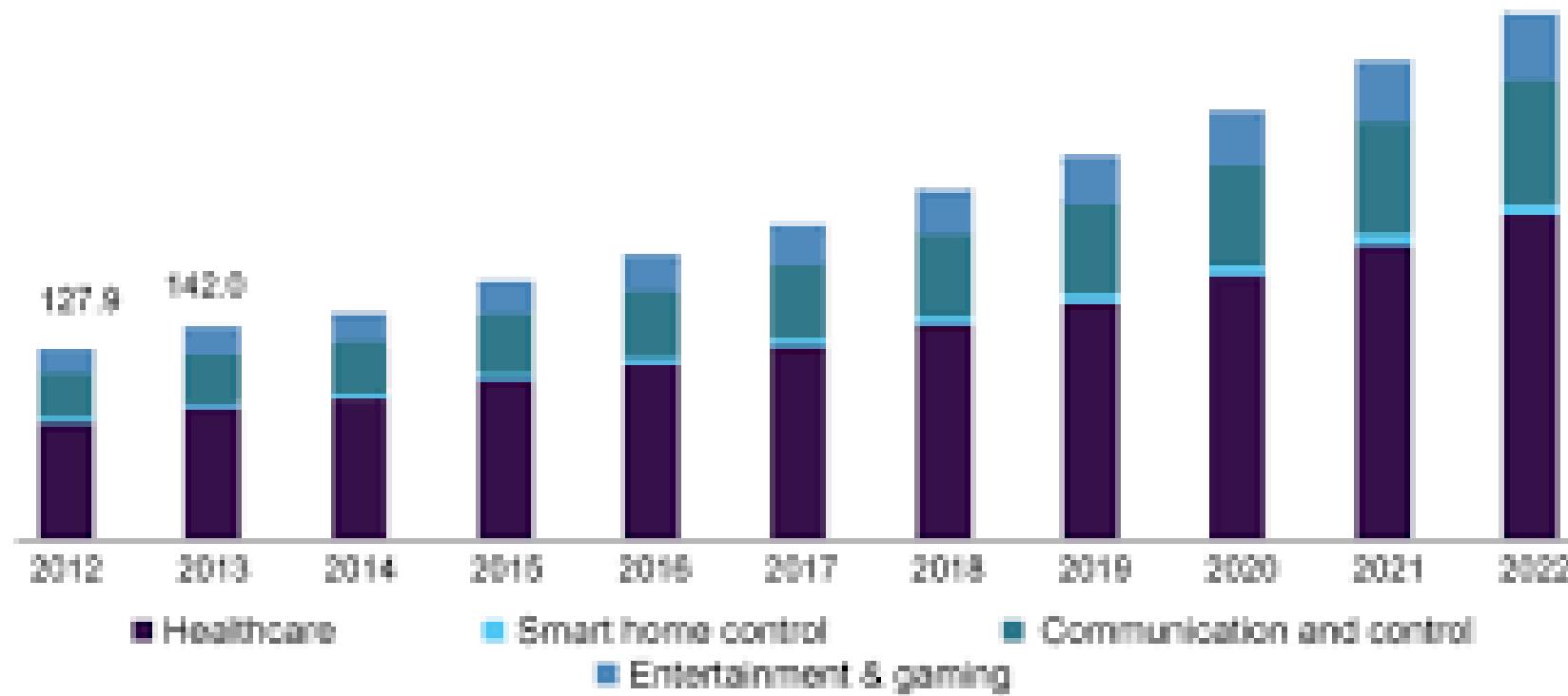


AlphaWearables.com



Current market size: \$2.6B

The current market of BCI is paved by its significant grow within the past years.



This market growth will extend within the next years.

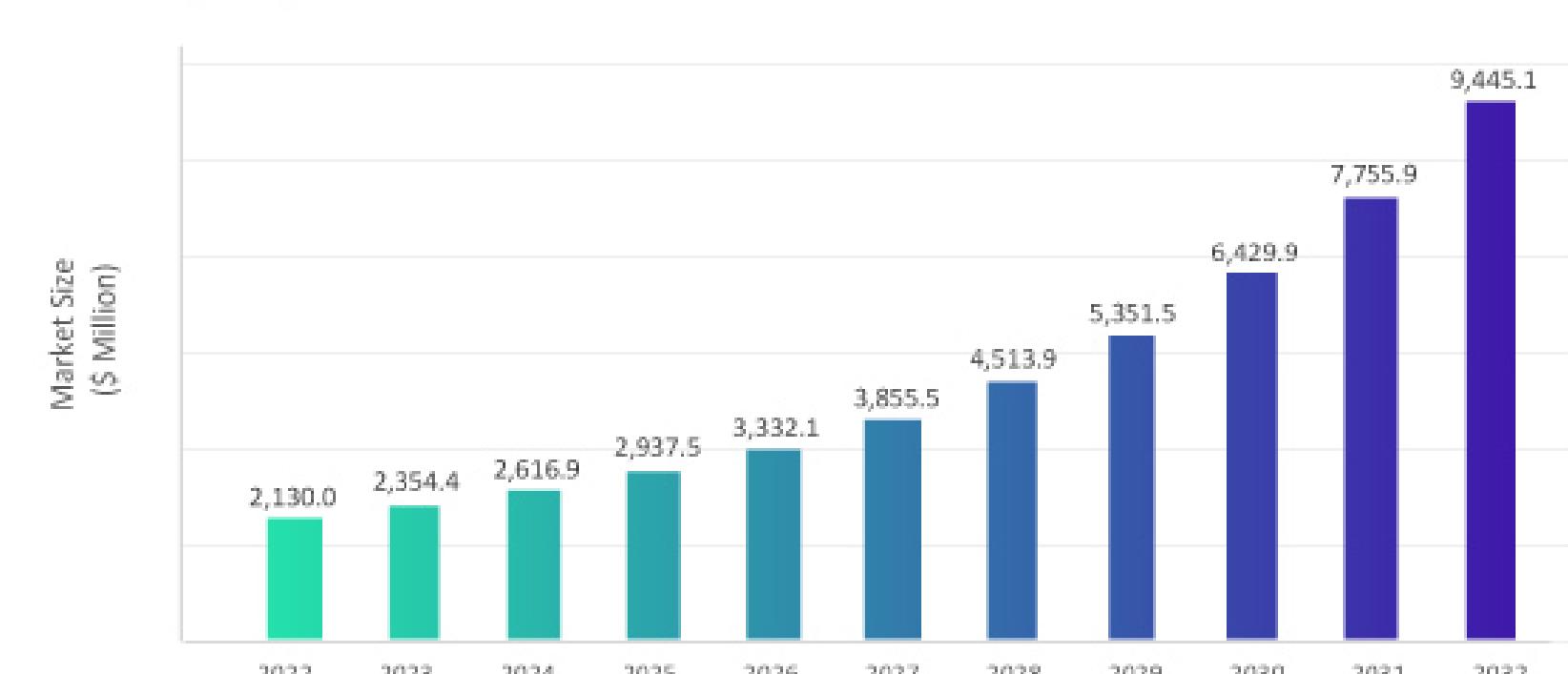
Experts predict a significant grow since 2022. Today we are on the edge of the raise of that prediction.

Today is a very good time for slow market penetration.

Estimated Grow



Brain Computer Interface Market Revenue, 2022 - 2032 (US\$ Mn)



Market Size and Growth

What's on the market currently?



Niche	Details	Customers & Partners
<ul style="list-style-type: none">• Research,• Developer• Gaming• Consumer	Founded: 2014 Located: United States Annual Revenue: \$4 million Employees: 28 Funding: \$3.56 million in total funding	<ul style="list-style-type: none">• Varjo• Lenovo• Unity• Research Institutions• Consumer

[Cybernex.co.jp](#)



Niche	Details	Customers & Partners
<ul style="list-style-type: none">• Consumer• Fitness & Health• Wellness	Founded: 2020 Located: Japan Annual Revenue: Not available Employees: 11-50 Funding: \$1.83 million	<ul style="list-style-type: none">• Taiyo Kagaku Co., Ltd.• Well Pharma Co., Ltd.• Dera Co., Ltd.• Aroma Co., Ltd.• Research

Other matching companies & products

[Mendi](#)

[MC10 Inc.](#)

[BrainBit](#)

[Callibri.com](#)

[Emotiv](#)

[BitBrain](#)

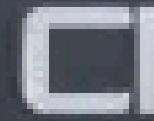
[AlphaWearables.com](#)

[Muse](#)

IDEA

Its time to move a step further.

We're redefining consumer BCI with the 'C1,' offering a more compact and comfortable design tailored for everyday use.



Adaptable for your needs

Adjustable 'add-on'
electrode extension for
precise monitoring of
additional brain
regions.



Use case & Possible Target Markets



Smart Home Control

- Via Neurofeedback, muscle movement, heart rate or gestures

Digital Health

- Elderly Care
- Telemedicine Data Integration
- Fall Detection and Mobility Tracking
- Remote Monitoring of Chronic Conditions or Post-Surgical Recovery



Fitness & Sports

- Movement, Muscle & Heart rate
- Mental & Physical, workout Assessment
- Google Fit or Apple Health interaction



Core Focus

Accident prevention (B2B)

- Recognize fatigue, stress, anger depression and more

Niches:

- Travel/Driver & Pilots
- Machinery operators

Pros:

- Early partnerships = real world evaluation + possible customers

USP

What makes the C1 better than its alternatives?

Multimodal Sensing

Neuronal activity

6 EEG electrodes

Muscle activity

2 EMG electrode

Blood Flow and Heart Rate

2 PPG sensors

IMU (Movement & gesture tracker)

Microphone



Bone conductive Headphone Chip

Free ears enjoyment

Hearing Aids

Music & Podcasts

Ai communication

Adaptable & Unobtrusive

"Add-On" Electrodes

Deep brain measurements with 4 extra electrodes

Unobtrusive Design

Anytime, Everywhere, for Everybody

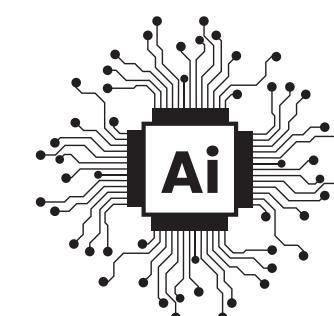
Extensions

glass adaption, flash light, front cam,...

AI on your side

Speech & Visual AI support

Ask everytime about your environment



Cloud & Mobile

Third-Party Interaction

Smart Home - "Add On" required

Google Fit & Apple Health

Analysis

Real time or previous sessions

API

Algorithms and real-time capabilities for use with other devices.



AI modulated stimulation

(Later Stage)

taVNS

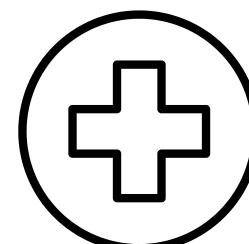
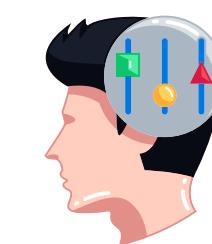
Non inv. stimmulation

Benefits (study verified):

stress & anxiety treatment,

Migraine and Pain Relief

Sleep improvement



SOURCE OF REVENUE

How do we earn money with it?

Product Purchase

High-End

Start in high segments
expand to lower

Specifications

Different Versions,
Products & add ons.

BUSINESS PLAN

Cloud Platform & Mobile App

Subscriptions

Extended Data Storage &
Analysis (focus on B2B)

API

Offer our algorithms
and real-time
capabilities for use
with other devices.

We build yours

Camera? Flashlight? Glass
Adaption? We integrate it
in your BCI!

Data

No reselling

Market Value

Robust models

The more data, the better
the models

Traction

PCB Layout Created

A prototype PCB and product layout was successfully created

Team & Freelancers

Our strengths combined perfectly for fast development and direct go-to-market

Web App & Mobile App

A neat web and mobile App conveys the first impression to the public with included real time monitoring cloud suite (cloud suite and mobile app in progress)

Partners & Cooperations

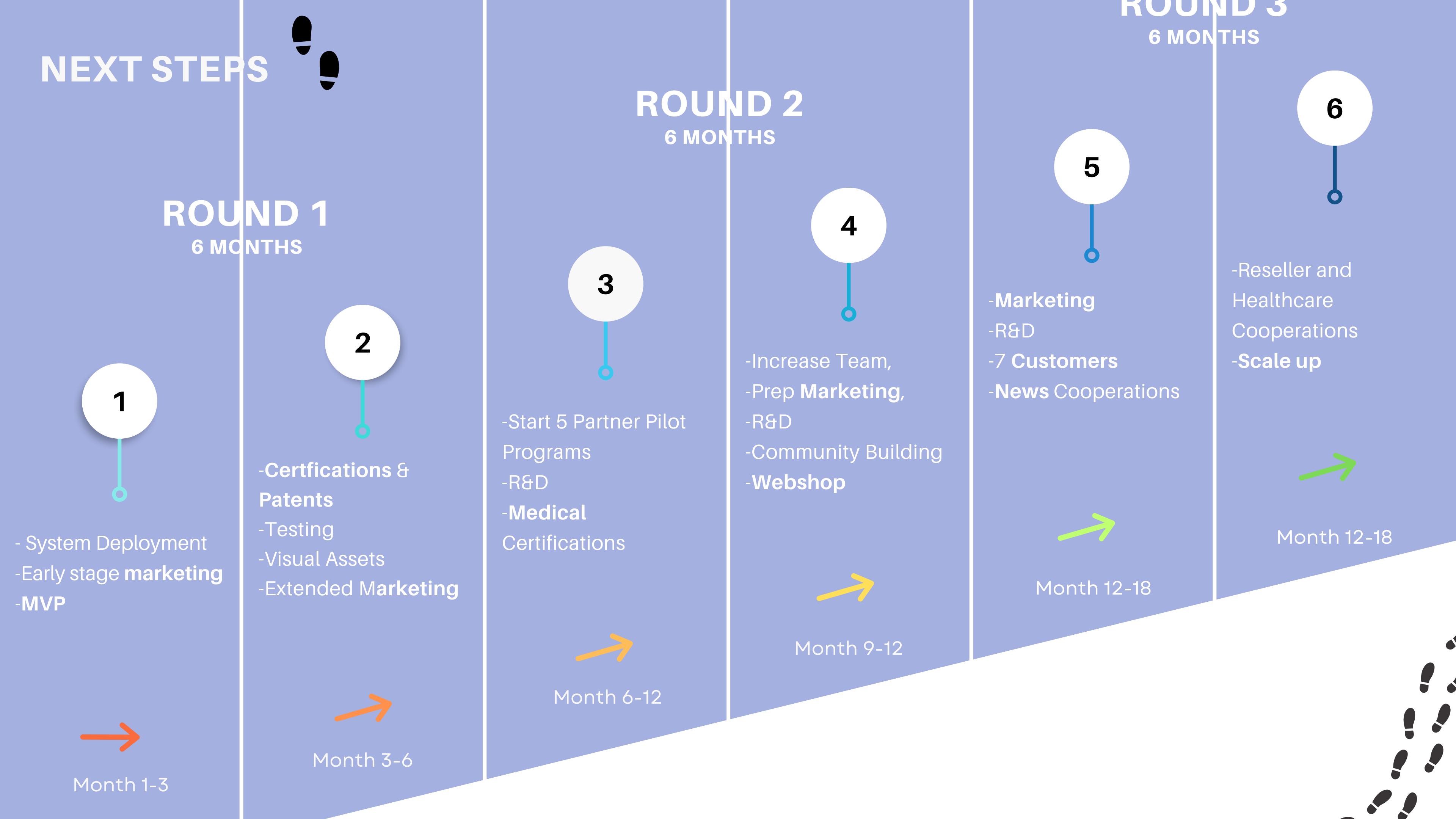
We are in contact to potential institutions to test our product in the real world.

Dresden Exist Bootcamp

We are accepted by the Dresden Exist Bootcamp that supports young start ups.

Data

Collected data from various sources and looking for datatransfer with Universities and Companies.



Financial Plan

Round 1 – Prep (current)

Goal

50.000€

Minimum investment: 500€

Allocation – 6 Months

Pilot prototype

- PCB Milling
- Product & PCB Design
- Hardware Components
- Onboard software
- R&D

Online Presence

- Mobile App Production
- Cloud Deployment
- Social Media Content
- Video, Graphics and Images for Presentation
- Software tools & subscriptions

Salaries – 24.000€

4 Team members for 6 months

Freelancers & Graphic Design

- Intellectual Property (IP) Protection
- Funding Support Programs by Government
- Quality Assurance and Compliance

DETAILED VIEW IS LINKED IN THE LAST PAGE

Round 2 – Hello World

Goal

70.000€

Allocation – 6 Months

Hardware

- PCB Milling Machine
- PCBA Components Stock
- Hardware Components
- R&D

Salaries & Employees

- Assistant & Support (later stage)
- Social Media & Content Creator (later stage)
- CMO (later stage)
- Legal
- Own salaries

Marketing

- Social Media (focus Linkedin, YT-, Insta- & FB Content)
- Email Marketing (later stage)

Cyber Security

Software tools & subscriptions

Regulations & Certifications

GmbH Formation

Founding Support Programs by Government

Team Development and Training

Round 3 – Go To Market

Goal

220.000€

Allocation – 6 Months

Hardware

- Hardware Components
- R&D

Travel

- Personal Meetings
- Industry conferences

Salaries & Employees

- Assistant & Support
- Social Media & Content Creator
- CMO
- Legal
- Own salaries

Marketing

- Social Media (focus Linkedin)
- Email Marketing
- Subscriptions
- Paid Ads (YT, Insta & Linkedin)

Cyber Security

Founding Support Programs by Government

Team Development and Training

Online shop system



CEO [**Benedikt Sterra**](#)

Background in Software development
Cloud infrastructure and business development

- Backend
- Marketing
- Vectors
- Business development
- Cloud development
- Python
- TypeScript
- React
- React Native
- Research

Social

GitHub: [wired87](#)

LinkedIn: [Benedikt Sterra](#)

Contact

Tel: +49 (0) 176 73867952

Mail:

derbenedikt.sterra@gmail.com



CTO [**Hussin El Rashidy**](#)

Bachelor of Science in Biomedical Engineering. Research Assistant at TU Dresden's Center for Regenerative Therapies Machine learning and bioengineering projects.

- Biomedical AI
- Computer Vision
- Python
- Machine Learning
- Deep Learning
- Signal Processing
- MATLAB
- Research

Social

GitHub: [huRashidy](#)

Contact

Tel: +49 (0) 155 66436856

Mail: hussin_elrashidy@mailbox.tu-dresden.de



CTO [**Ayush Dileep**](#)

Masters of Science - Electrical Engineering and Information Technology & Nanoelectronic Systems
Bachelors of Technology - Electrical and Electronics Engineering

- Sales
- ADS - RFE Design
- VHDL
- LTSPICE
- Matlab
- Python
- Xilinx Vivado
- C/C++ and Assembly level programming
- IOT
- Research
- Microsoft

Social

LinkedIn: [Ayush Dileep](#)

Contact

Mail: ayushdileep@gmail.com



SA [**Hongliu Yang \(Scientific Advisor\)**](#)

PhD in theoretical physics.
He worked in universities @ Potsdam, Dresden, Chemnitz and Bayreuth.

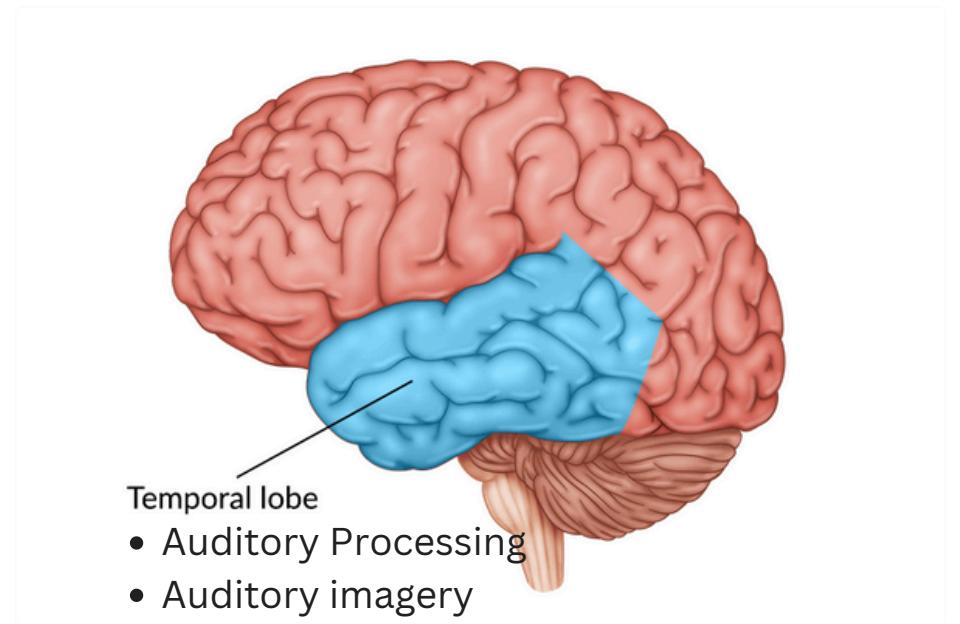
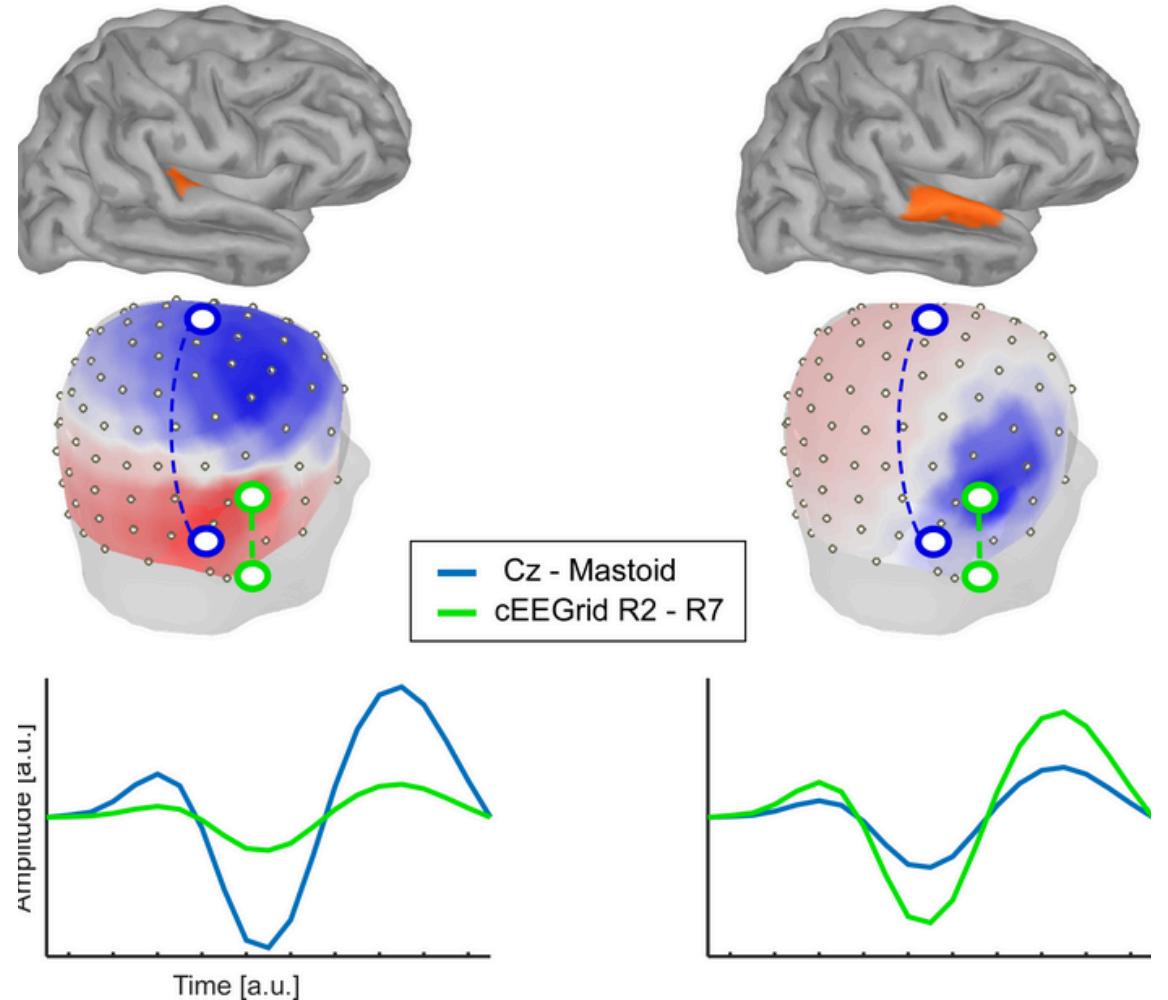
Social

TU-Dresden: [Hongliu Yang](#)

Contact

Mail: hongliu.yang@tu-dresden.de

Vision & Science



Expand our Market Area

With “Add-On” electrodes, we can monitor deeper regions, unlocking new markets like gaming and healthcare.

Imagined Speech Communication

This is the first step into a inevitable future of digital communication.

Do you want to be a part of it?

Stimulation

Non invasive stimmulation capabilities have prooven its potential against a lot of chronical disease.

LET'S RESHAPE THE FUTURE



Detailed Tasks & Calculation (IMPORTANT) :

https://docs.google.com/spreadsheets/d/1VXDQRbH9b9-h9a9_O4YLwmHrVfWBNmSuwoe_nT2icwY/edit?gid=0#gid=0

bestbrain.tech

office@bestbrain.tech