BFORE

Grant agreement ID: 190133715

DOI
10.3030/190133715

Funded under
The European Innovation Council (EIC)

Total cost
€ 3 565 480,00

EU contribution
€ 2 495 836,00

Coordinated by
PRECISIS GMBH

Project Information

Start date
1 March 2023

End date
28 February 2025

Germany

Project description

A promising new approach to epilepsy treatment

Epilepsy is a chronic neurological disorder that results in recurrent seizures caused by abnormal electrical activity in the brain. A new treatment option involves the implantation of a small electrical device in the body to help regulate seizures. Funded by the European Innovation Council, the BFORE project will further develop a method called EASEE® (epicranial application of stimulation electrodes in epilepsy). This minimally invasive device uses stimulation electrodes to target specific areas of the brain that are responsible for seizures. The device is based on the Laplace electrode and features four electrodes replacing the outer ring. These are connected to four independent current sources to account for impedance and anatomical
variances in the skull. EASEE® can provide high-frequency, DC-like and low-frequency stimulation.

**Fields of science**

medical and health sciences › basic medicine › neurology › epilepsy

**Keywords**

minimally invasive  Neurostimulation

**Programme(s)**

HORIZON.3.1 - The European Innovation Council (EIC) MAIN PROGRAMME

**Topic(s)**

HORIZON-EIC-2022-ACCELERATOROPEN-01 - EIC Accelerator Open

**Call for proposal**

HORIZON-EIC-2022-ACCELERATOR-01

See other projects for this call

**Funding Scheme**

EIC-ACC - EIC-ACC

**Coordinator**

PRECISIS GMBH

Net EU contribution

€ 2 495 836,00
Address
Hauptstrasse 73
69117 Heidelberg
Germany

Region
Baden-Württemberg > Karlsruhe > Heidelberg, Stadtkreis

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

Other funding
€ 1 069 644,00

EC signature date 21 February 2023
Last update: 3 March 2023

Permalink: https://cordis.europa.eu/project/id/190133715

European Union, 2023