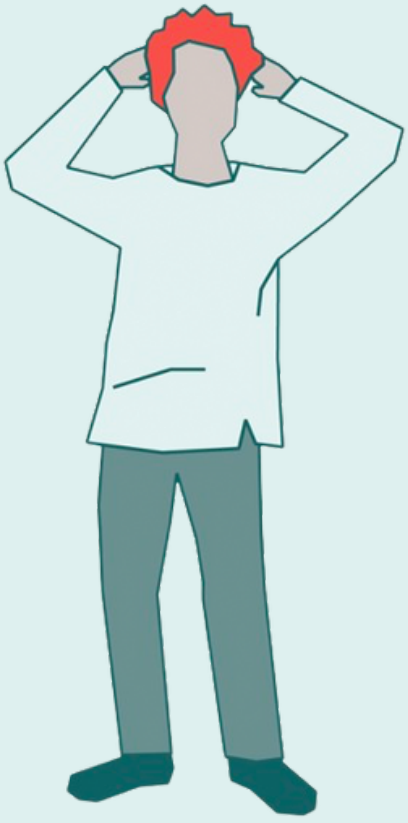
Open, national development pool 1st call & scaling of existing pilot projects – healthy weight



21 large development projects have applied

16 fast-track projects have applied









4 existing pilot projects have applied

Co-funded by the European Union

Danish Board of Business Development

Large development projects

21 large development projects have applied

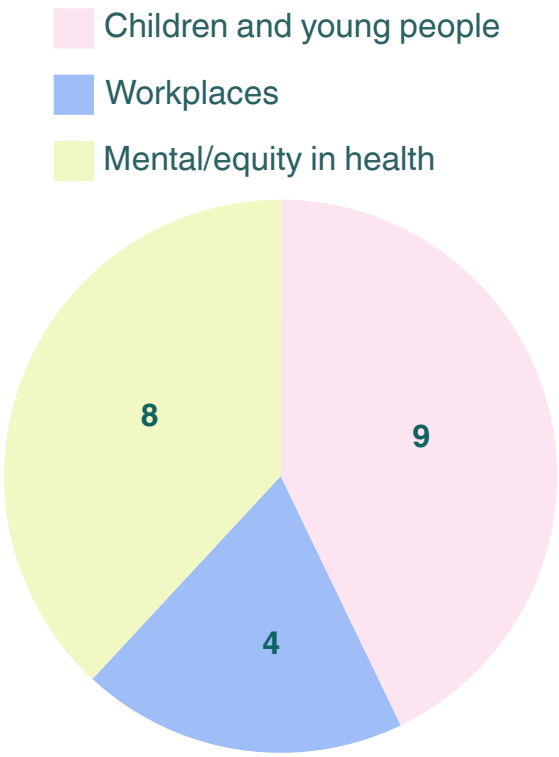
Information about the applications

Lighthouse Life Science has received 21 applications for large development projects. The majority of applications fall into equity (please replace in the entire documents when referring to these projects) in health care and mental health.

Thirteen applications fall within the Danish national 10-year plan for psychiatry and mental health (please replace in the entire documents), where 9 applications fall within focus area 1 for easily accessible interventions for children and young people in the municipalities and 4 applications within focus area 3 for information and destigmatization efforts/interventions at workplaces.

Approximately DKK 38 million (please add the amount in EUR throughout the document, so it is both in DKK and EUR) has been applied for, corresponding to each project applying for approximately DKK 1.8 million. The projects have thus not applied for the maximum funding amount of DKK 3 million.

The quality of the applications varies, and there is a large middle group which scores between 3 and 3.5 (on a scale of 1-5). This is of course a learning experience and the best projects, which for various administrative reasons do not meet formal requirements, receive thorough guidance prior to the next call in September.



Three large development projects receive funding

1. Completion
A new form of VR intervention to help neurodivergent children find calm in the context of schooling

2. Helphi ApS
DISHMO – A digital platform to promote mental health (please replace in the entire documents) through teaching, etc. in primary school.

3.Selfspace
Data-driven innovation – Psychological self-therapy to reduce sick leave and improve mental health.

1st call - large development project

Focus area 1

Sensory-induced calmness for neurodivergent children: A new form of VR intervention to help find calm in just 10 minutes in the context of school use

Summary

Neurodivergent children often have difficulty fitting into normal school settings. Especially noise and unpredictable breaks where there are less structured activities are difficult for those children who suffer from hypersensitivity or are outside the autism spectrum without being eligible for special interventions. Completion has developed a new form of VR intervention to help find calm in just 10 minutes. It is based on mathematically generated visualisations that are easily accessible through the mobile phone with complementary affordable VR glasses. They want to adapt and qualify the impact of the solution in the context of school use

Project period 01/07/2024 - 01/07/2025

Gross amount DKK 981,888

Project manager COMPLETION

Partners

SØLVGADES SKOLE 18 47

1st call - large development project

Focus area 1

DISHMO – A digital platform to promote mental health through education, etc. in primary school.

Summary

Poor mental health (please replace in the entire documents) among children and young people is a major, serious and growing problem that can be prevented, but there is a lack of scalable and early interventions. FitforKids has developed Dishmo, a new school-based intervention that educates about, prevents and counteracts poor mental health in children and young people in middle school. Dishmo consists of a digital platform with 12 evidence-based tools to promote mental health, a knowledge curriculum about the brain and emotions, and video-based 1:1 metacognitive therapy. Together with 5 test schools and Holbæk and Lejre Municipalities, they are seeking funding for a pilot that will kick-start the roll-out.

Project period 01/10/2024 – 31/03/2026

Gross amount DKK 1,800,000

Project manager

Helphi ApS

Partners

Lejre Municipality

Holbæk Municipality

1st call - large development project

Focus area 3

Data-driven Innovation: Psychological self-therapy to reduce sick leave and improve mental health

Summary

Selfspace, an innovative provider of psychological self-therapy solutions, has established a partnership with Teladoc and Danica. This collaboration aims to leverage data-driven insights to document the effectiveness of in-app psychological self-therapy in order to improve mental health and reduce sick leave in the workplace. By applying data and evidence-based methods, Selfspace strives to revolutionise the landscape for support for mental health in the workplace, including preventing and identifying new mental health contexts, ultimately leading to healthier and more resilient employees who can be retained in the workplace and saving both the insurance company and society money.

Project period	Seven months in the period Q3 2023 - Q2 2024
Gross amount	DKK 2,143,600

Project manager

selfspace

Partners

Little giants

EURO ACCIDENT forsikring+sundhed

Fast-track projects

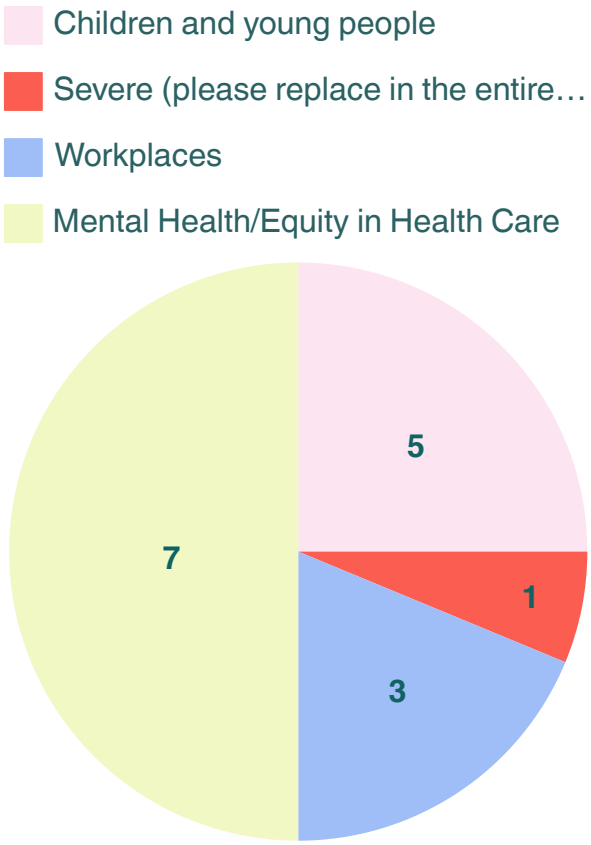
16 fast-track projects have applied

Lighthouse Life Science has received 16 applications for fast-track projects. The majority of applications fall into equity in health care and mental health.

Eight applications fall within the 10-year plan for psychiatry and mental health, where 4 applications fall within focus area 1 on easily accessible services for children and young people (please replace in the entire document) in the municipalities. One application falls within focus area 2 on strengthened efforts for people with severe mental illness. Three applications fall within focus area 3 on information and destigmatization efforts/interventions (please replace in the entire document) at workplaces.

Approximately DKK 2.6 million has been applied for, corresponding to each project applying for approximately DKK 162,500. The projects have thus not applied for the maximum funding amount of DKK 300,000.

The quality of the applications varies, and there is a large middle group which scores between 3 and 3.5 (on a scale of 1-5).



6 fast-track projects receive (please replace in the entire document) funding

1. ReMinders ApS (Social Learning)
Student mentor: young people support other young people to strengthen social and academic health.

2. MindMind ApS
Testing and validation of commercial solution, BiBi, targeted at Danish primary schools

3. SHARK INC. ApS
OPI-AIMS: AI-based Intervention for mental health improvement

4. Neurora ApS
Empowering mental health: Tackling stigma, stress, and health with EEG cognitive tracking

5. Nervapax ApS
Non-invasive neuromodulation wearable for cluster headache (CH)

6. MyEpi ApS
EpiHub - the digital epilepsy management platform

1st call - fast-track project

Focus area 1

Elevmentor [student mentor]: young people support other young people to strengthen social and academic well-being. Design of knowledge sharing report and a prototype of a digital solution

Summary

The mentor scheme, where young people support other young people to strengthen social and academic (well-being, is now at +10 upper high schools. The demand is there, but the concept is resource-intensive. The project will identify and qualify needs, barriers, efficacy metrics, and implementation strategies. The results are:
1. A knowledge sharing report
2. A prototype of a digital solution

Project period 15/06/2024 - 13/09/2024

Gross amount DKK 300,000

Project manager

ReMinders ApS (Social Learning)

Partners

YouthTherapy

HVIDOVRE HIGH SCHOOL & HF

EGEDAL GYMNASIUM & HF

Ørestad High School

Paderup HIGH SCHOOL

1st call - fast-track project

Focus area 1

Testing and validation of commercial solution, BiBi, targeted at Danish primary schools

Summary

"BiBi" – a hand-held new physical product that guides students in evidence-based breathing techniques. The project tests and validates the "BiBi" solution at the school Åvangsskolen with two classes from 4th year – a year with major health challenges as a result of starting school during the pandemic. The aim is to determine the solution's effect on the mental health, calmness, concentration and learning environment of the students in the class. The project is being evaluated by Nordic Health Lab in collaboration with Bornholm Regional Municipality

Project period 01/09/2024 - 01/02/2025

Gross amount DKK 300,000

Project manager MindMind

Partners Åvangs school, Bornholms Regional Municipality, Nordic Health Lab

1st call - fast-track project

Focus area 3

OPI-AIMS: AI-based Intervention for mental health improvement

Summary

The project will address inequity in access to mental health using AI to identify users on the Boblberg platform who suffer from poor mental health (loneliness, stress, anxiety) and are outside the work and education system. They are then offered easily accessible digital services, and their mental health is measured with the WELLBY scale before and after.

Project period 01/08/2024 - 31/01/2025

Gross amount DKK 300,000

Project manager

SHARK INC. ApS

Partners

Impactly

krifa

DANISH RED CROSS

1st call - fast-track project

Focus area 3

Empowering mental health: tackling stigma, stress, and well-being with EEG cognitive tracking

Summary

Stress is a major problem for Danish companies, costing them DKK 16 billion annually. Neurora has a stress management program that includes 4 weeks of workshops and neuro-headbands that measure cognitive levels of stress. Participants use these to track themselves in real time and throughout the program, to gain valuable biofeedback and tools as they participate.

Project period 27/05/2024 - 31/08/2024

Gross amount DKK 300,000

Project manager

Neurora ApS

Partners

MICKY CREATIVES

1st call - fast-track project

Mental/equity in health

Non-invasive neuromodulation wearable for cluster headache (CH)

Summary

Cluster headache is a chronic disease with daily attacks more intense than labour pain taking over patients' lives. Current treatments are insufficient, leaving patients with comorbidities such as anxiety or depression. To make normal life possible again, we are making a non-invasive neuromodulation wearable.

Project period 01/07/2024 – 01/01/2025

Gross amount DKK 300,000

Project Manager

nervapax

Partners

IPTECTOR®

THE INSTITUTE OF TECHNOLOGY

JBay SOLUTIONS

1st call - fast-track project

Mental/equity in health

EpiHub - the digital epilepsy management platform

Summary

Epilepsy affects many young people, which can lead to isolation and low self-esteem. EpiHub aggregates seizure and medication data, giving patients and healthcare professionals a real-time disease overview and the opportunity for tailored treatment plans. The aim is to improve the quality of life for young people with epilepsy.

Project period 01/07/2024 - 31/12/2024

Gross amount DKK 300,000

Project manager

MyEpi

Partners

FILADELFIA

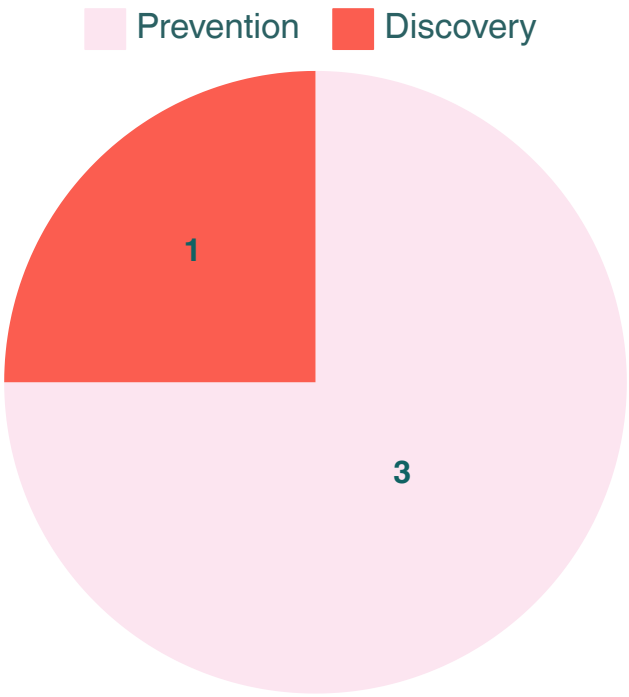
Scaling existing pilot projects – health weight

Four pilot projects have applied

Lighthouse Life Science has received 4 applications within the scaling of healthy weight projects. In the final round, there were a total of 9 projects, some of which continue with other support, while other companies have sold their solution on market terms and currently cannot receive more public support.

The pool is DKK 5.4 million and the projects have applied for approximately DKK 10 million.

The private companies that receive support will participate in a VIP course – a special qualifying collective innovation course that helps the pilots in a very targeted manner and is a prototype of the "worlds better" business support course. It consists of support and guidance for optimal utilization of the project for accelerated implementation and scaling. The aim is therefore for companies to accelerate their growth process, and for the process to form a new model for top life science courses.



Two pilot projects receive funding

1. FELT ApS & Emento
HealthyPregnancy – digital process guide

2. Sincera
eHOOD – from pilot to scaling in municipal reality

3.Sens Innovation
Sund Bevægelse for Sund Vægt – In real life feasibility

HealthyPregnancy: supporting overweight women to a reduced weight gain during pregnancy through a flexible digital process guide

Summary

Overweight pregnant women are at increased risk of complications during pregnancy and childbirth. Both pregnant women and their children are at increased risk of becoming overweight and suffering overweight-related diseases later in life. This risk can be reduced by reducing the weight gain in pregnancy.
The purpose of HealthyPregnancy is to support overweight pregnant women in reducing weight gain during pregnancy through a flexible digital process guide on the Emento platform. The digital process contains information about diet, exercise and mental health support and is integrated into the established pregnancy process at the hospital.
Through the Emento app, pregnant women have access to live online guidance.

Project period 01/09/2024 - 31/08/2027

Gross amount DKK 3,297,644

Project manager

FELT ApS emento

Partners

REGION North Zealand Hospital

REGION Frederiksberg Hospital

REGION ZEALAND SLAGELSE HOSPITAL

Healthy Weight scaling project

Prevention

eHOOD – from pilot to scaling in municipal reality

Summary

From the Lighthouse Project to comprehensive implementation in municipalities to strengthen the health of young people and support efforts to combat health inequalities among children and young people at risk. Experiences from the Lighthouse Project highlight the need for a solid municipal decision-making basis for preventive measures. Existing methods are challenged and new economic strategies integrated into the municipal reality and the focus on innovation and budget considerations in preventive initiatives is sharpened. A transformation in the approach to motivated youth health and new sustainable solutions is being seen. This initiative paves the way for eHOOD in all municipalities in the country.

Project period 01/07/2024 - 01/07/2025

Gross amount DKK 1,975,000

Project manager SINCERA

Partners

UP Innovation

The Healthy City Network

Healthy weight scaling project

Prevention

Sund Bevægelse for Sund Vægt – In real life feasibility

Summary

Sund Bevægelse for Sund Vægt har skabt en unik livsstilsintervention (herefter ”Løsningen”) med AI smartphone feedback på blodsukkerrespons, aktivitet og kost for at skabe en varig ændring i sundhedsadfærd hos borgere med type 2-diabetes (T2D) eller i risiko for at udvikle overvægt eller kroniske sygdomme. Løsningen giver feedback i realtid på, hvordan kost og (in)aktivitet påvirker blodsukkeret hos borgere med T2D uden at foretage et fingerprik. Den avancerede AI model for blodsukkerestimering er baseret på data fra Inter99 projektet ved Center for Klinisk Forskning og Forebyggelse (CKFF).

Projektet vil justere og efterprøve løsningen og dets værdiskabelse i et samarbejde med Steno Diabetes Center Aarhus (SDCA).

Project period 01/09/2024 - 28/02/2026

Gross amount DKK 2,000,000

Project manager

SENS

Partners

brevetti AI

midt regionmidtjylland

Steno Diabetes Center Aarhus

2nd call

Open, national development pool

My Magic

HEALTHBUDDY

hvil®

Interhuman®

Neurora ApS

clex

ReMinders ApS
(Social Learning)

YouthTherap

COMPANYHEALTH

CHAOS PILOT

HEALTH TECH HUB COPENHAGEN

ABACUS MEDICINE

Firstline IT

Nordic Health Lab

imp SCANDINAVIA

CODEZO

OMNIUM IMPROVEMENT

FIERS

Pilegaard Law Advokatanpartsselskab
[law partnership firm with limited liability]

OURE HIGH SCHOOL

Aarhus HF & VUC

Ørestad High School

IBC

VESTEGNEN HF/VUC

TORNBJERG HIGH SCHOOL
(it has to be systematic if you write high school one place (as above with Ørestad gymnasium), then it should be done throughout the document systematically)

Hjørring Municipality

UNIVERSITY OF COPENHAGEN

vejle MUNICIPALITY

COPENHAGEN VOCATIONAL COLLEGE

KP

REGION H Capital Region of Denmark

REGION H Copenhagen University Hospital (Rigshospitalet)



Co-funded by the European Union

Danish Board of Business Development

A NATIONAL AGENDA

Lighthouse Life Science leans into the framework of the 10-year plan for psychiatry and mental health and the political commitment to develop the overall area of psychiatry and efforts to improve mental health in Denmark over the next 10 years.

In particular, documented needs for new solutions are identified within:

1

Focus area 1
Building an easily accessible intervention in the municipalities for children and young people with poor mental health and with symptoms of mental illness



2

Focus area 2
Strengthened efforts for people with severe mental illness



3

Focus area 3
Awareness and destigmatization efforts



2 TYPES OF PROJECTS

- Large development projects with a total budget of up to DKK 3,000,000 and with a support rate of 50% of the budget. This corresponds to a grant of up to DKK 1,500,000.

- Fast-track projects with a total budget of up to DKK 300,000 and with a support rate of 50% of the budget. This corresponds to a grant amount of up to 150,000 DKK.

CRITERIA



Large development projects

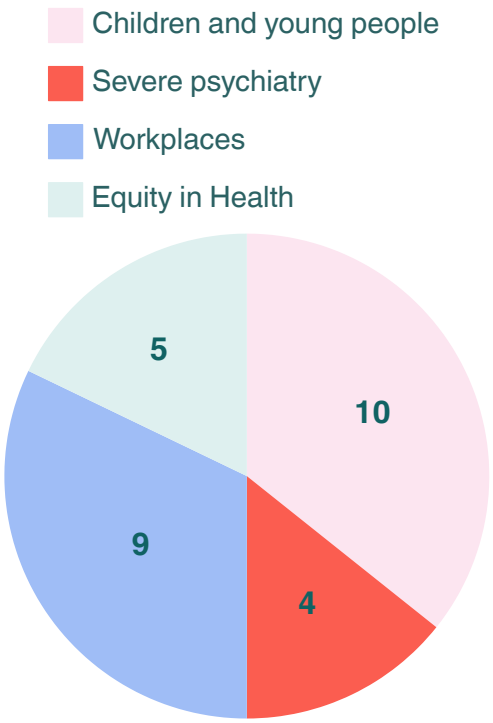
28 large development projects have applied

Information about the applications

Lighthouse Life Science has received 28 applications for large development projects. All applications fall into equity in health and mental health, the majority of which fall into mental health.
Most applications were received within focus area 1 on easily accessible offers for children and young people in the municipalities and focus area 3 on information and destigmatization efforts/interventions at workplaces.

Approximately DKK 62 million has been applied for, corresponding to each project applying for approximately DKK 2.3 million. The projects have thus not applied for the maximum funding amount of DKK 3 million.

The quality of the applications varies, but is generally higher than in the 1st call. Many projects have formed broad partnerships and have designed detailed and realistic timelines with a focus on thorough data collection.



6 large development projects receive funding

1. MinMagi ApS
Magic bellies – Expanding and adapting a digital treatment pathway for young people with functional abdominal pain



2. HealthBuddy P/S
Mental and cognitive rehabilitation for young people with serious illness (MCRY)



3. ReMinders ApS (Social Learning)
Youth-to-Youth mentor



4. Interhuman AI
Digitally enabled mental wellbeing support beyond diagnosis



5. Hvil APS
Digitally delivered cognitive behavioural therapy programs for citizens with sleep problems in Hjørring Municipality



6. Neurora ApS
In-Ear EEG corporate athlete neurotech wellness project

2nd call - large development project

Focus area 1

Magic bellies – Expansion and adaptation of digital treatment course for young people with functional abdominal pain



Summary

The project aims to 1) Develop and customize a digital treatment pathway for young people with functional abdominal pain, which affects 10-15% of all children and young people. This solves a significant health challenge, as there is no comprehensive offer for this large group.
2) Testing and initial validation to ensure that it meets user needs, is technically sound and meets the requirements stated in the national 10-year plan for psychiatric and mental health for accessible treatment options.
The project creates health and mental health equity for children and young people.

Project period 01/01/2025 - 01/07/2026

Gross amount DKK 2,911,788

Project manager My Magic

Partners

vejle MUNICIPALITY

2nd call - large development project

Focus area 1

Mental and cognitive rehabilitation for young people with a severe illness



Summary

The project develops a digital solution, mental and cognitive coach (MCC), for young people with a severe illness and at risk of mental health problems. The pilot focuses on young people with cancer and the solution uses AI to combine cognitive training, mindfulness and physical activity, based on “Acceptance and commitment therapy” and the “Health action process approach”.
The pilot is being tested on 30 young people and will potentially be scaled to other disease groups. The aim is improved mental health and quality of life, with a focus on commercialization via HealthBuddy’s platform.

Project period 18 months

Gross amount DKK 2,980,000

Project manager

HEALTHBUDDY

Partners

UNIVERSITY OF COPENHAGEN

REGION H

Copenhagen University Hospital (Rigshospitalet)

HEALTH TECH HUB COPENHAGEN

2nd call - large development project

Focus area 1

Youth-to-Youth mentor



Summary

In the Youth-to-Youth mentoring project, we build on experiences from the previous Lighthouse Life Science fast track project where we investigated the digitalization of a handheld mentoring scheme. The aim is to relieve teachers, prevent poor mental health and strengthen students' life skills. Data shows that digitalisation can reduce barriers and increase participation. The project will focus on three areas: 1. Developing a digital solution 2. Support for mentor training and youth meetings 3. Developing an implementation strategy. The aim is to create a scalable digital solution that prevents poor mental health and de-stigmatizes challenges among young people. The project is being tested in collaboration with Ørestad High School, Tornbjerg High School, Aarhus HF and VUC, Vestegnen HF and VUC, Oure High School, International Business College.

Project period 01/11/2024 - 01/11/2025

Gross amount DKK 3,000,000

Project manager

ReMinders ApS (Social Learning)

Partners

YouthTherap

CHAOS PILOT

VESTEGNEN HF/VUC

Ørestad High School

TORNBJERG HIGH SCHOOL

IBC

Aarhus HF & VUC

OURE HIGH SCHOOL

2nd call - large development project

Focus area 2

Digitally enabled nental wellbeing support beyond diagnosis



Summary

Innovative solutions are essential to address the growing demand for mental health care. To bridge this gap, we propose an AI coach for parents and mental health professionals working with children who experience difficult emotions and challenging behaviours, aiming to enhance parenting practices and improve child outcomes.
Our project aligns with several national mental health goals: provide easily accessible, high-quality treatment in primary and secondary care; increase support and involvement for relatives; leverage digital solutions. Plus, easy access to parent support helps bring equality across resource gaps.

Project period 01/10/2024 - 01/03/2026

Gross amount DKK 1,499,998

Project manager

Interhuman®

Partners

REGION H

Psychiatry

2nd call - large development project

Focus area 3

Digitally delivered cognitive behavioural therapy programs for Hjørring Municipality citizens with sleep problems



Summary

The project aims to improve the quality of sleep in citizens via Hvil®, a digital platform based on cognitive behavioural therapy. The project focuses on citizens with chronic diseases, the municipality's employees and the job centre's users with sleep problems.
The aim is to reduce the severity of insomnia, improve mental health and reduce sick leave, while Hvil® is offered free of charge to citizens and employees. The project includes data-driven evaluation and knowledge sharing with other municipalities for broader implementation.

Project period 01/11/2024 - 31/12/2025

Gross amount DKK 438,844

Project manager hvil®

Partners

Hjørring Municipality

2nd call - large development project

Focus area 3

In-Ear EEG corporate athlete neurotech wellness project



Summary

This application is for a corporate athlete program to help employees reduce stress and optimize performance. We will work with five companies from diverse industries to test the efficacy of our program and gain varied perspectives. We'll first update our software for compatibility with the new in-ear EEG tech and integrate lessons about usability from our fast-track program. After collaborating with Company Health on project planning, we'll launch initial 8-week programs, gathering usability data and best practices. We'll then expand to more companies and, once complete, roll out our refined program across Denmark.

Project period 01/10/2024 - 31/03/2026

Gross amount DKK 3,000,000

Project manager

Neurora ApS

Partners

COMPANYHEALTH

ABACUS MEDICINE

CODEZO

OMNIUM IMPROVEMENT

Firstline IT

Pilegaard Law Advokatanpartsselskab
[law partnership firm with limited liability]

Fast-track projects

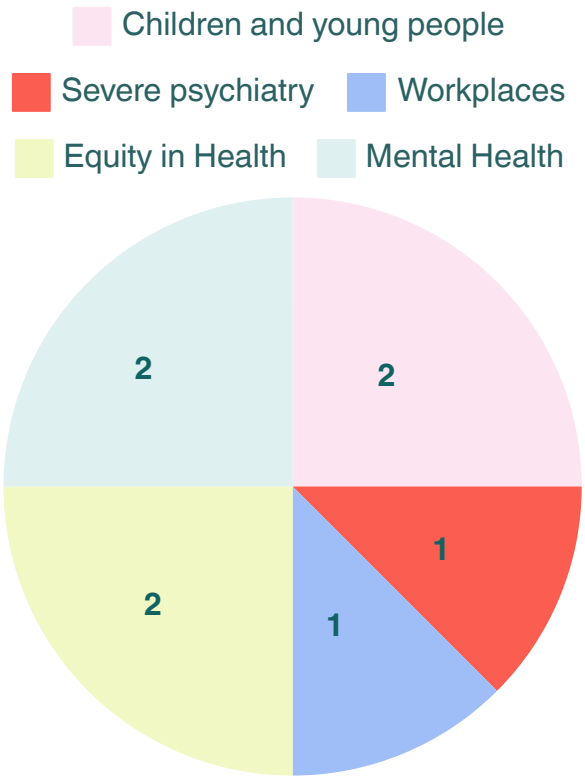
8 fast-track projects have applied

Lighthouse Life Science has received 7 applications for fast-track projects. All applications fall within equality in health and mental health.

While half of the applications fall within the focus areas of easily accessible services for children and young people in the municipalities, strengthened efforts for people with severe mental illness and information and destigmatization efforts/offers in workplaces, the other half fall outside the 10-year plan for psychiatry and mental health.

Approximately DKK 3.3 million has been applied for, corresponding to each project applying for approximately DKK 480,000. The projects have thus applied for more than the maximum funding amount of DKK 300,000.

The quality of the applications varies, but is generally lower than in the 1st call. At the same time, there are fewer applications than in the last call.



2 fast-track projects receive funding

1. IMP Scandinavia ApS
Testing and validation of the solution “Digital depot monitoring”



2. CLEX A/S
Clex: Improving documentation quality and mental health through pictograms in elder care



2nd call - fast-track project

Focus area 2

Testing and validation of the solution “Digital depot monitoring”



Summary

The project tests and validates the “digital depot monitoring” solution developed by IMP Scandinavia in forensic psychiatry for patients receiving Zypadhera who need close monitoring of vital signs due to the risk of serious side effects. The project focuses on patient impact, workflow, resource consumption and social sustainability.
The project is being evaluated by Nordic Health Lab in collaboration with the project partners

Project period 01/11/2024 - 30/05/2025

Gross amount DKK 300,000

Project manager IMP SCANDINAVIA

Partners

FIERS Life Science Innovation

Nordic Health Lab

2nd call - fast-track project

Focus area 3

Clex: Improving documentation quality and mental health through pictograms in elderly care



Summary

This pilot project aims to assess the impact of the Clex keyboard on SOSU employees in Albertslund or Gladsaxe Municipality. The project will evaluate how the tool improves documentation practices and enhances well-being among staff.

Project period 01/11/2024 - 01/04/2025

Gross amount DKK 300,000

Project manager

clex

Partners

COPENHAGEN VOCATIONAL COLLEGE

KP