

HORIZON
2020

Evidenced based management of hearing impairments: Public health pOlicy making based on fusing big data analytics and simulaTION.

Fact Sheet

Project Information

EVOTION

Grant agreement ID: 727521

[Project website](#)

DOI

[10.3030/727521](https://doi.org/10.3030/727521)

Project closed

EC signature date

12 September 2016

Start date

1 November 2016

End date

31 January 2020

Funded under

SOCIETAL CHALLENGES - Health, demographic change and well-being

Total cost

€ 5 421 901,25

EU contribution

€ 4 963 776,25

Coordinated by

OTICON A/S

 Denmark

Objective

Hearing Loss (HL) is one of the most prevalent chronic diseases and the 5th cause of disability. HL increases the risk of cognitive decline, mental illness, and depression, and leads to social isolation, unemployment/early retirement, loss of income and work discrimination.

The pre-eminent management strategy for HL is the provision of Hearing Aids (HAs), although their use is often problematic, costly and with poor overall benefits. The holistic management of HL requires appropriate public health policies for HL prevention, early diagnosis, long-term treatment and rehabilitation; detection and prevention of cognitive decline; protection from noise; and socioeconomic inclusion of HL patients. However, currently the evidential basis for forming such policies is limited. Holistic HL management policies require the analysis of heterogeneous data, including HA usage, noise (TTS) episodes, audiological, physiological, cognitive, clinical and medication, personal, behavioural, life style, occupational and environmental data.

EVOTION has access to big datasets of such data from five different organisations and will support their continuous update by real time data produced by sensors and HAs used by HL patients.

To utilise these data in forming holistic HL management policies, EVOTION aims to develop an integrated platform supporting: (a) the analysis of the above datasets to enable the identification of causal and other effects amongst them, (b) policy decision making focusing on the selection of effective interventions related to the holistic management of HL, based on the outcomes of (a) and the formulation of related public health policies, and (c) the specification and monitoring of such policies in a sustainable manner. To achieve this aim, EVOTION also brings together public health policy organisations, experts and authorities supporting the formation of the targeted policies and the validation of the EVOTION support for it.

Fields of science (EuroSciVoc)

[social sciences](#) > [political sciences](#) > [political policies](#) > [public policies](#)

[medical and health sciences](#) > [health sciences](#) > [public health](#)

[natural sciences](#) > [computer and information sciences](#) > [data science](#) > [big data](#)

[social sciences](#) > [sociology](#) > [social issues](#) > [social inequalities](#)

[social sciences](#) > [sociology](#) > [social issues](#) > [unemployment](#)



Programme(s)

[H2020-EU.3.1. - SOCIETAL CHALLENGES - Health, demographic change and well-being](#)

MAIN PROGRAMME

[H2020-EU.3.1.5. - Methods and data](#)

Topic(s)

[SC1-PM-18-2016 - Big Data supporting Public Health policies](#)

Call for proposal

[H2020-SC1-2016-2017](#)

[See other projects for this call](#)

Sub call

H2020-SC1-2016-CNECT

Funding Scheme

[RIA - Research and Innovation action](#)

Coordinator



OTICON A/S

Net EU contribution

€ 795 926,25

Total cost

€ 939 836,25

Address

KONGEBAKKEN 9

2765 Smorum

 **Denmark** 

Region

Danmark > Hovedstaden > Nordsjælland

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](#) 

Participants (13)

 THIRD-PARTY 

DGS POLAND SP ZOO

 Poland

Net EU contribution

€ 143 910,00

Address

UL LUBIESZYNSKA 59
72 006 MIERZYN 

Region

Makroregion północno-zachodni > Zachodniopomorskie > Szczeciński

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](#) 

Total cost

€ 143 910,00



UNIVERSITY COLLEGE LONDON

 United Kingdom

Net EU contribution

€ 680 570,00

Address

GOWER STREET
WC1E 6BT London 

Activity type

Higher or Secondary Education Establishments

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

€ 680 570,00



EREVNITIKO PANEPISTIMIAKO INSTITOUTO SYSTIMATON EPIKOINONION KAI YPOLOGISTON

Greece

Net EU contribution

€ 398 750,00

Address

PATISION 42

106 82 ATHINA

Region

Αττική > Αττική > Κεντρικός Τομέας Αθηνών

Activity type

Research Organisations

Links

[Contact the organisation](#) [Website](#)

[Participation in EU R&I programmes](#)

[HORIZON collaboration network](#)

Total cost

€ 398 750,00



CITY UNIVERSITY OF LONDON

United Kingdom

Net EU contribution

€ 548 475,00

Address

NORTHAMPTON SQUARE

EC1V 0HB London

Region

London > Inner London — East > Haringey and Islington

Activity type

Higher or Secondary Education Establishments

Links

[Contact the organisation](#) [Website](#)

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

€ 548 475,00



ETHNIKO KAI KAPODISTRIAKO PANEPISTIMIO ATHINON

 Greece

Net EU contribution

€ 425 400,00

Address

6 CHRISTOU LADA STR

10561 Athina 

Region

Αττική > Αττική > Κεντρικός Τομέας Αθηνών

Activity type

Higher or Secondary Education Establishments

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

€ 425 400,00



INSTYTUT MEDYCZNY PRACY IMIENIA PROF. DRA MED. JERZEGO NOFERA W LODZI

 Poland

Net EU contribution

€ 144 750,00

Address

UL SW TERESY OD DZIECIATKA JEZUS 8

91 348 Lodz 

Region

Makroregion centralny > Łódzkie > Miasto Łódź

Activity type

Research Organisations

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

€ 144 750,00



GUYS AND ST THOMAS' NHS FOUNDATIONTRUST

 United Kingdom

Net EU contribution

€ 680 570,00

Address

Westminster Bridge Road

SE1 7EH London 

Activity type

Research Organisations

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

€ 680 570,00



ATHENS TECHNOLOGY CENTER ANONYMI VIOMICHANIKI EMPORIKI KAI TECHNIKI ETAIREIA EFARMOGON YPSILIS TECHNOLOGIAS

 Greece

Net EU contribution

€ 311 250,00

Address

RIZAREIOU 10

15233 Athina 

SME 

Yes

Region

Αττική > Αττική > Βόρειος Τομέας Αθηνών

Activity type

Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

€ 311 250,00



NASTAVNI ZAVOD ZA JAVNO ZDRAVSTVO OSJECKO-BARANJS ZUPANIJE USTANOVA

 Croatia

Net EU contribution

€ 145 000,00

Address

**DRINSKA 8
31000 OSIJEK** 

Region

Hrvatska > Panonska Hrvatska > Osječko-baranjska županija

Activity type

Research Organisations

Links

[Contact the organisation](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

€ 145 000,00



PAZARDZHIK DISTRICT ADMINISTRATION

 Bulgaria

Net EU contribution

€ 145 000,00

Address

UL. EKZARH IOSIF 2
4400 PAZARDZHIK 

Region

Югозападна и Южна централна България > Южен централен > Пазарджик

Activity type

Public bodies (excluding Research Organisations and Secondary or Higher Education Establishments)

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

€ 145 000,00



UNIVERSITA DEGLI STUDI DI MILANO

 Italy

Net EU contribution

€ 295 125,00

Address

Via Festa Del Perdono 7
20122 Milano 

Region

Nord-Ovest > Lombardia > Milano

Activity type

Higher or Secondary Education Establishments

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

€ 295 125,00



IATRIKO ATHINON EMPORIKI ANONYMOS ETAIREIA

 Greece

Net EU contribution

€ 249 050,00

Address

DISTOMOU 5-7

15125 Marousi 

Region

Αττική > Αττική > Βόρειος Τομέας Αθηνών

Activity type

Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links

[Contact the organisation](#) 

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[HORIZON collaboration network](#) 

Total cost

€ 249 050,00



EMPELOR GMBH

 Switzerland

Net EU contribution

€ 0,00

Address

GUBELSTRASSE 12

6300 Zug 

SME 

Yes

Region

Schweiz/Suisse/Svizzera > Zentralschweiz > Zug

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](#) 

Total cost

€ 458 125,00

Last update: 4 September 2022

Permalink: <https://cordis.europa.eu/project/id/727521>

European Union, 2025

