MATCHMAKING | # 1

HIGHLIGHT the benefits of your platform's services, present your solution for active and healthy ageing, share your requirements and needs for digital health care delivery and FIND your partner!

11.01.2022 10:00 AM - 12:00 PM CET

Hosts:

- **SYNYO GmbH**
- **Lievens-Lanckman**

PlatformUptake.eu

SYNYO · National Research Council of Italy · Fraunhofer IGD · Politécnica · Institut "Jožef Stefan" Ljubljana, Slovenija

AFEdemy age-friendly environments academy · Cáritas Diocesana de Coimbra · Linköping University · Universitat de les Illes Balears · SMARTHOMES

This project has received funding from the European Union's Horizon 2020 Research and Innovation Action under Grant Agreement No 875452.

Agenda

PlatformUptake.eu

Times are only indicative

Time	Topic	Presenter
10:00 - 10:10	**Welcome and introduction to the matchmaking event**	**Alexander Nikolov** SYNYO GmbH, Austria
10:10 - 10:15	**Privacy Symposium**	**Agnieszka Myszkowska**
10:15 - 10:20	**112 Motion**	**Nanno van der Laan** 112 Motion B.V., The Netherlands
10:20 - 10:25	**uCore**	**Mohammad-Reza (Saied) Tazari** uCore Systems GmbH, Germany
10:25 - 10:30	**ProSelf**	**Attila Kelemen** ProSelf International Inc. Vienna, Austria
10:30 - 10:35	**BYS Grup**	**Baris Ucar** BYS Grup , Turkey
10:35 - 10:40	**SIMAVI**	**Monica Florea** SIMAVI Software Imagination & Vision, Romania
10:40 - 10:45	**ProKNX SAS**	**Christian Kiefel** ProKNX SAS, France
10:45 - 10:50	**HOWDY SENIOR**	**Licia Ponno** Comftech, Italy
10:50 - 10:55	**CÁRITAS DIOCESANA DE COIMBRA**	**Natália Machado** Caritas, Portugal

Agenda

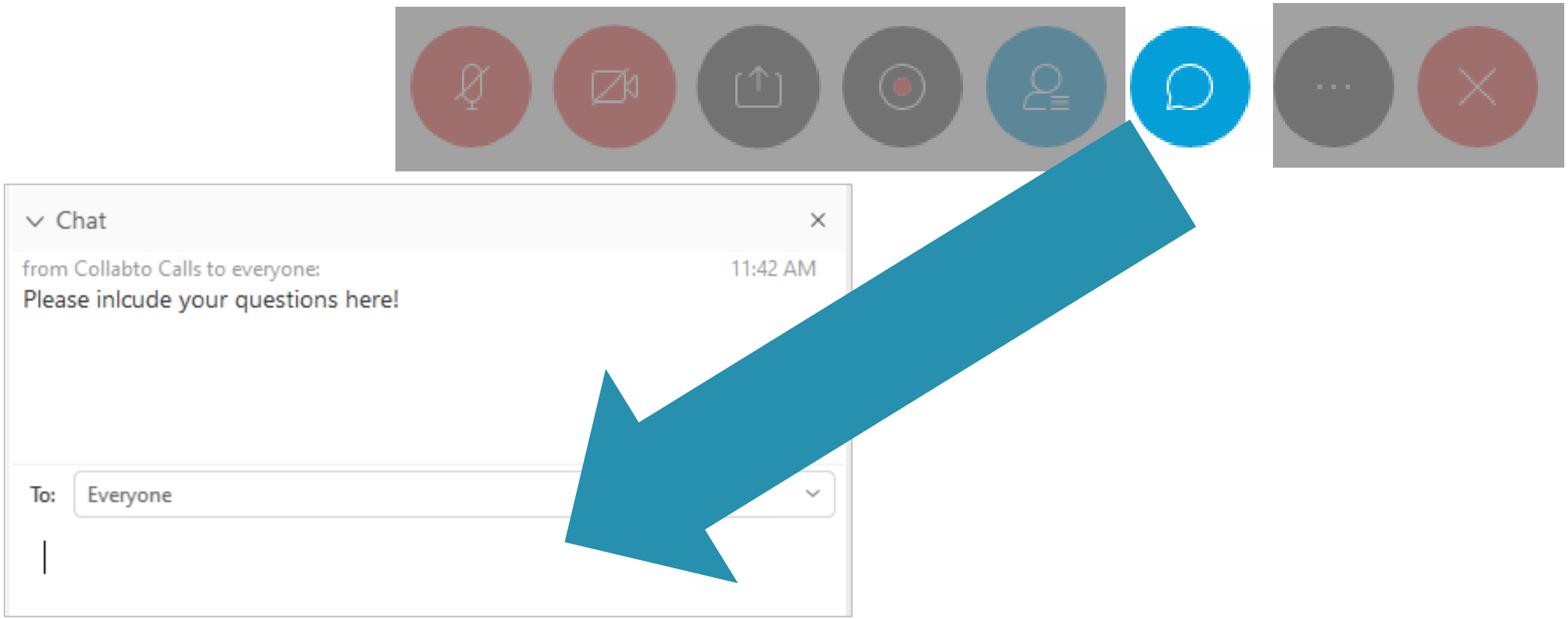
PlatformUptake.eu

Times are only indicative

Time	Topic	Presenter
10:55 - 11:00	**atendo**	**Angel Rodriguez** Atendo. Centrados en las personas, Spanien
11:00 - 11:05	**Gatekeeper project**	**Ioanna Drympeta** CERTH/ITI, Greece
11:05 - 11:10	**SoCaTel project**	**Blanca Deusdad** Rovira i Virgili University, Spanien
11:10 - 11:15	**OpenRemote**	**Pierre Kil** OpenRemote Inc., The Netherlands
11:15 - 11:20	**E-VITA project**	**Lorenz Granrath** Tohoku University, Japan
11:20 - 11:25	**SMARTBEAR project**	**Eleftheria Vellidou** Biomedical Engineering Laboratory, Greece
11:25 - 11:30	**Hassito platform**	**Pier Giuseppe Meo** Hassito Ehealth platforms, Italy
11:30 - 11:35	**N3tSensors Health platform**	**Pedro Cravo** Numbersagain, LDA, Portugal
11:35 - 11:40	**TheraForge software development kit (SDK)/BaaS platform**	**Marco Foschiano** Hippocrates Technologies, Italy
11:40 - 11:50	**Discussion and conclusion**	**Frederic Lievens** Lievens-Lanckman, Belgium

Questions during the Webinar

All participants are kindly invited to raise questions in the chat.



Facts and figures

Project Type: **Coordination and Support Action**

Project duration: **26 months (01/01/2020 – 28/02/2022)**

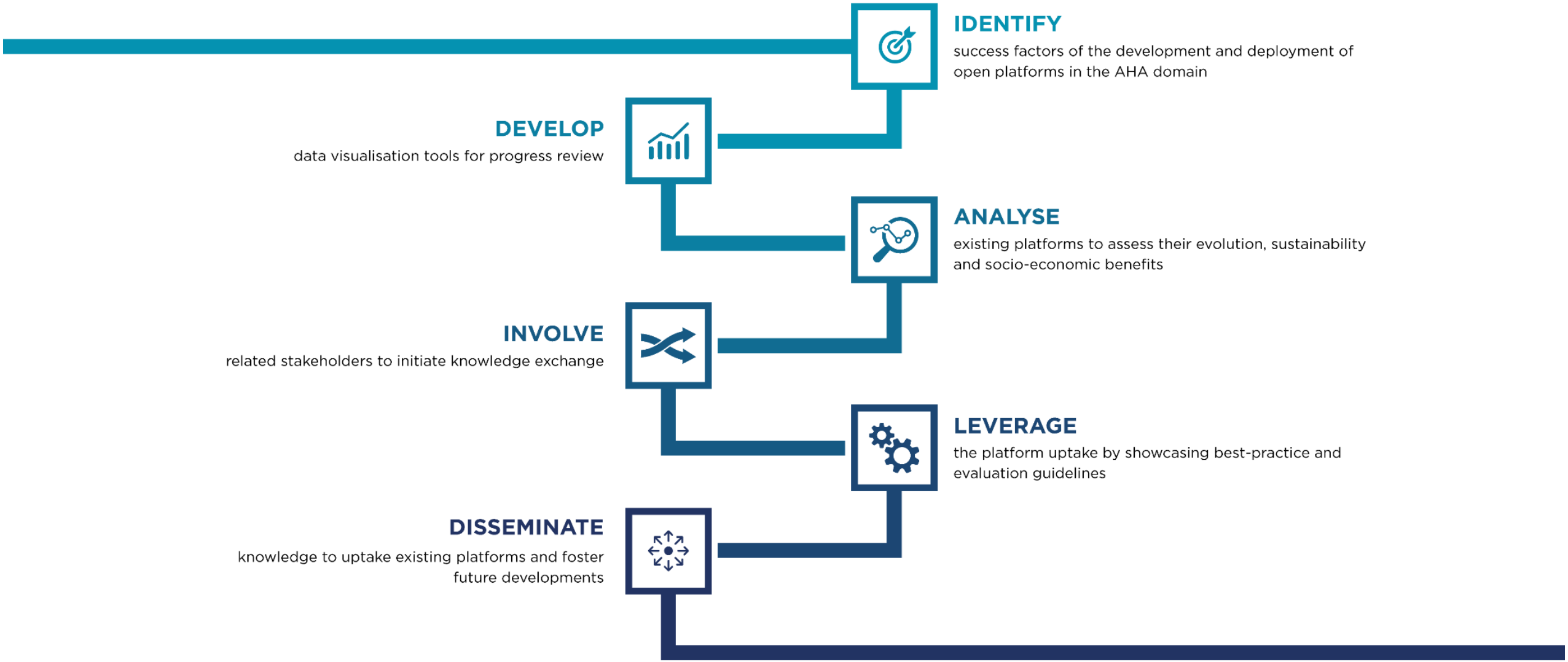
Person months: **172**

Partners: **12 from 10 countries**

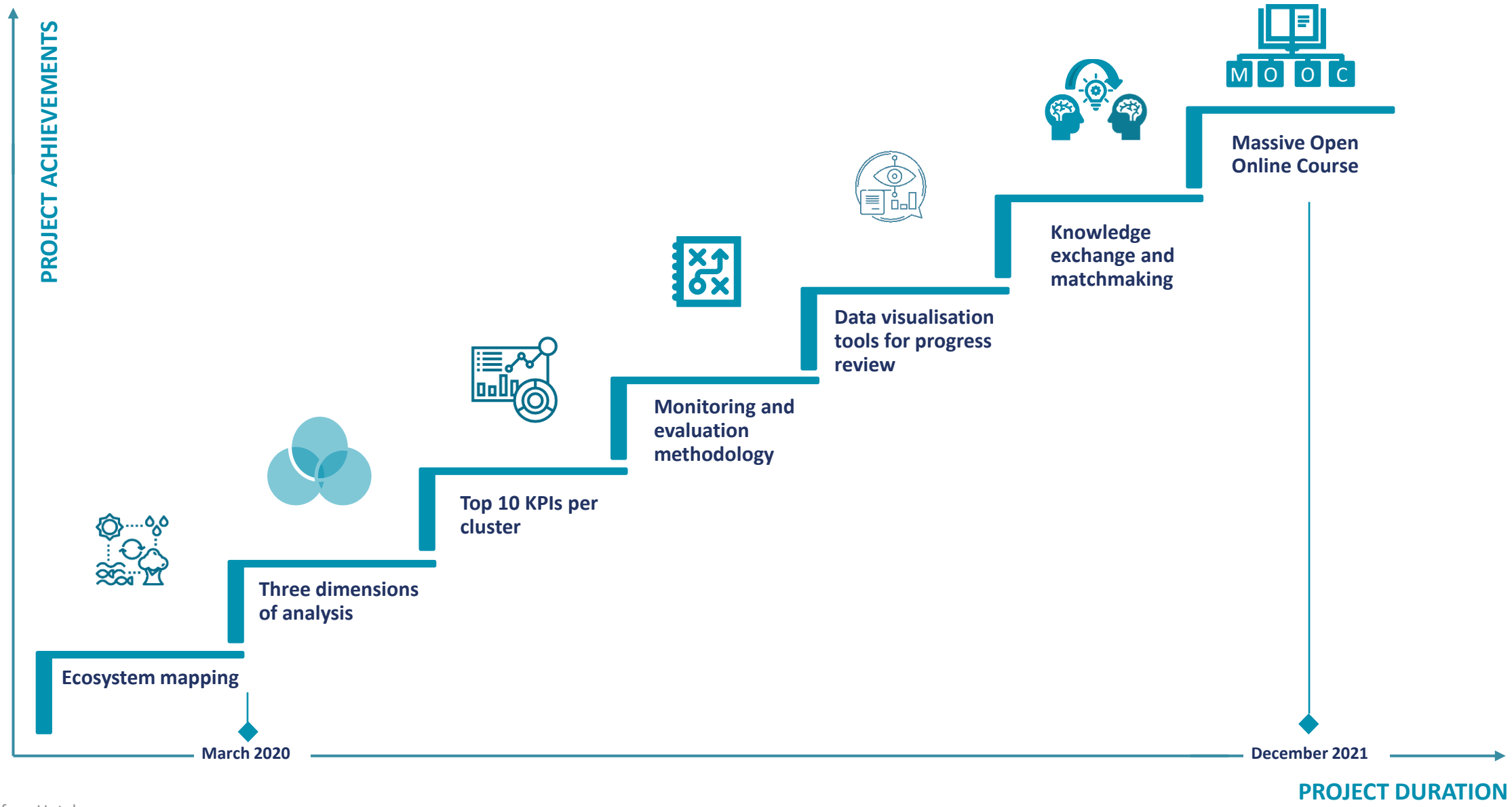
Due to the persisting fragmentation of the active and healthy ageing market; and the lack of interoperability of the various solutions deployed or difficulties with the large scale uptake of the platforms by their targeted users, the aim of the PlatformUptake.eu project is to **observe, analyse and understand the whole ecosystem of open service platforms and their related networks**, and depict a picture describing the whole ecosystem with its **achievements and potentials**, targeting all user groups while also **generating synergies among platforms** and their **related projects** in the AHA and IoT domain.

Important

Objectives


IDENTIFY
success factors of the development and deployment of open platforms in the AHA domain
DEVELOP
data visualisation tools for progress review
ANALYSE
existing platforms to assess their evolution, sustainability and socio-economic benefits
INVOLVE
related stakeholders to initiate knowledge exchange
LEVERAGE
the platform uptake by showcasing best-practice and evaluation guidelines
DISSEMINATE
knowledge to uptake existing platforms and foster future developments

Achievements



Matchmaking events

PlatformUptake.eu

Matchmaking Events!

Involvement → **Registration & upload of pitch** → **Pitch** → **Knowledge exchange & events**

Organisations from the **supply** and **demand** sides **get involved** in the **matchmaking process**.

Interested organisations **register** for the events and **upload their pitch** decks on the Open Information Hub.

Registered for the events **organisations make a pitch** to present their needs and offers.

The „couples“ which have participated in the matchmaking events and sent their pitch decks **get engaged**.

Networking Opportunities

PlatformUptake.eu Consortium
12 consortium organisations and connected networks (Universities, SMEs, End user organisations)

45+ Projects and initiatives
AHA, ALA, Health care, IoT etc.

Locations
10 countries in Europe

10+ Projects events
Matchmaking, MOOCs, Open Information Hub Tools, Capability gaps and Innovation needs and more

Networks
IEEE, CEN, IN4AHA, IDIH, 50plus Hellas, SHAFE, Nerosubianco, EEN, NET4Age, ECHAlliance etc.

PlatformUptake.eu Matchmaking events

Benefits – Award

PlatformUptake.eu final event

Symposium 2022

April 5-7 2022
Venice, Italy

www.privacysymposium.org

contact@privacysymposium.org

privacysymposium.org

COUNCIL OF EUROPE
CONSEIL DE L'EUROPE

ECCP

Università Ca'Foscari Venezia

elsa
The European Law Students' Association

ECS
EUROPEAN CYBER SECURITY ORGANISATION

EUROPEAN FEDERATION OF DATA PROTECTION OFFICERS

20 anni Clusit

ISTITUTO ITALIANO PER LA PRIVACY E LA VALORIZZAZIONE DEI DATI

IOTForum

NGIoT

Privacy Symposium Mission and Objectives

The Privacy Symposium aims at promoting international dialogue, cooperation, and knowledge sharing on data protection and compliance.

Priority Objectives

- **Knowledge sharing**
- **Dialogue and cooperation**
- **Enhancing data protection compliance**

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Main Focus

- Latest evolutions in data protection regulations
- International cooperation and convergence in data protection
- Emerging technologies and data protection compliance
  such as artificial intelligence, Blockchain, Internet of Things, etc.
- Future needs and demands
  in data protection and compliance services
- Research and innovation
  in data protection and compliance domains

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Key Partners

- Council of Europe
- Ca' Foscari University of Venice
- European Centre for Certification and Privacy (ECCP)
- European Law Students' Association (ELSA)
- European Cyber Security Organization (ECSO)
- European Federation of Data Protection Officers (EFDPO)
- Italian Institute for Privacy and Data Valorisation (IIP)
- Italian Association for Cyber Security (CLUSIT)
- IoT Forum
- NGIOT (H2020 project)
- Mandat International
- IoT Lab
- Dunavnet
- Archimede Solutions
- Gatekeeper (H2020 project)

Guiding Principles

- International dialogue and cooperation
- Excellence
- Addressing the latest developments and future needs
- Research and Innovation friendly
- Open and respectful debates
- Creating value for the participants
- Building an international community of professionals
- **Data Protection by Design** (walk the talk)
- Co-creation

PROGRAMME OVERVIEW

Tuesday, 5th April 2022

TRACK I	TRACK II	TRACK III	TRACK IV
Opening			
International Cooperation	Cybersecurity (IT)	Data Protection & Cybersecurity	Research & Innovation
LUNCH BREAK			
International Cooperation	Data Protection (IT)	Emerging Technologies and Data Protection Compliance	Research & Innovation

Wednesday, 6th April 2022

TRACK I	TRACK II	TRACK III	TRACK IV
Emerging Technologies and Data Protection Compliance	Data Protection in Practice	Research & Innovation	Research & Innovation - CFP
LUNCH BREAK			
Mix topics	Data Protection in Practice	Mix topics	Research & Innovation - CFP
Gala Dinner			

Thursday, 7th April 2022

TRACK I	TRACK II	TRACK III	TRACK IV
eHealth and medical data	Socio-economic dimension	International Cooperation	Research & Innovation
LUNCH BREAK			
International Cooperation	Human and ethical factors	Research & Innovation	Research & Innovation
Closing			

150+ top levelspeakers
70+ sessions

Council of Europe
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Università Ca'Foscari Venezia
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European Federation of Data Protection Officers
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Privacy Symposium

We look forward to collaborating with you

contact@privacysymposium.org

privacysymposium.org

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Europrivacy™®

Introduction for Projects

www.europrivacy.com

Building Trust and Confidence in Data Protection

Contains privileged and confidential information. Shall not to be shared with third parties without prior ECCP agreement

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Europrivacy is the **certification of GDPR compliance** developed through the **H2020 European Research Programme**, financed by the **European Commission**

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Europrivacy Management

Continuously supervised and updated by the Europrivacy International Board of Experts in Data Protection

Managed by the European Centre for Certification and Privacy in Luxembourg

Submitted by the Data Protection Authority of Luxembourg (CNPD) to EDPB for adoption as European Certification Scheme (Art. 42 GDPR)

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Special programme for £European research projects

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Thank you!

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In case of doubt, always refer to the Certification Scheme

AAL / AHA solution developers / providers

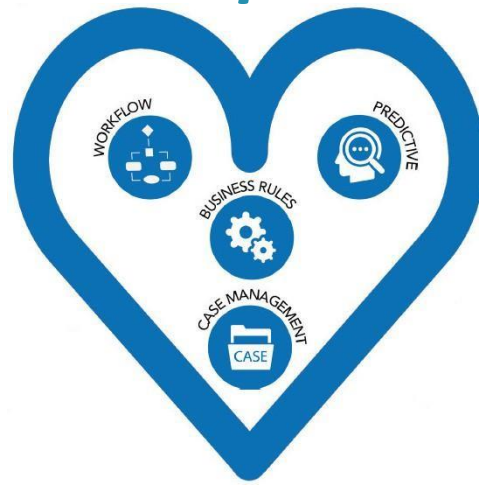
Hardware manufacturers, Software/app developers

This project has received funding from the European Union's Horizon 2020 Research and Innovation Action under Grant Agreement No 875452.

112Motion
Smarter Healthcare
Self-activated prevention and personal healthcare

EncourAGE,
The Community Health System that increases our citizens' Healthspan

… on a mission to prevent or break the social isolation
of the ageing population
by stimulating their participation in social life
and thus
to improve their autonomy and self-reliance.



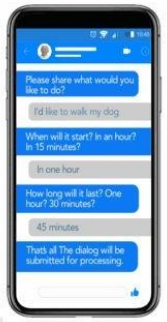
Wearables **Motivational behaviour change** Active Aging AI/ML **Prevention** Fall detection

Natural voice processing Remote monitoring **Frail people** Telehealth **Personal alarm (pendant)** Social Isolation

We develop and market digital PREVENTIVE and ASSISTIVE care products & services, targeting improving their personal and working lifestyles

112Motion
Smarter Healthcare
Self-activated prevention and personal healthcare

CareWatch
Monitors. Motivates. Prevents. Detects. Alarms.

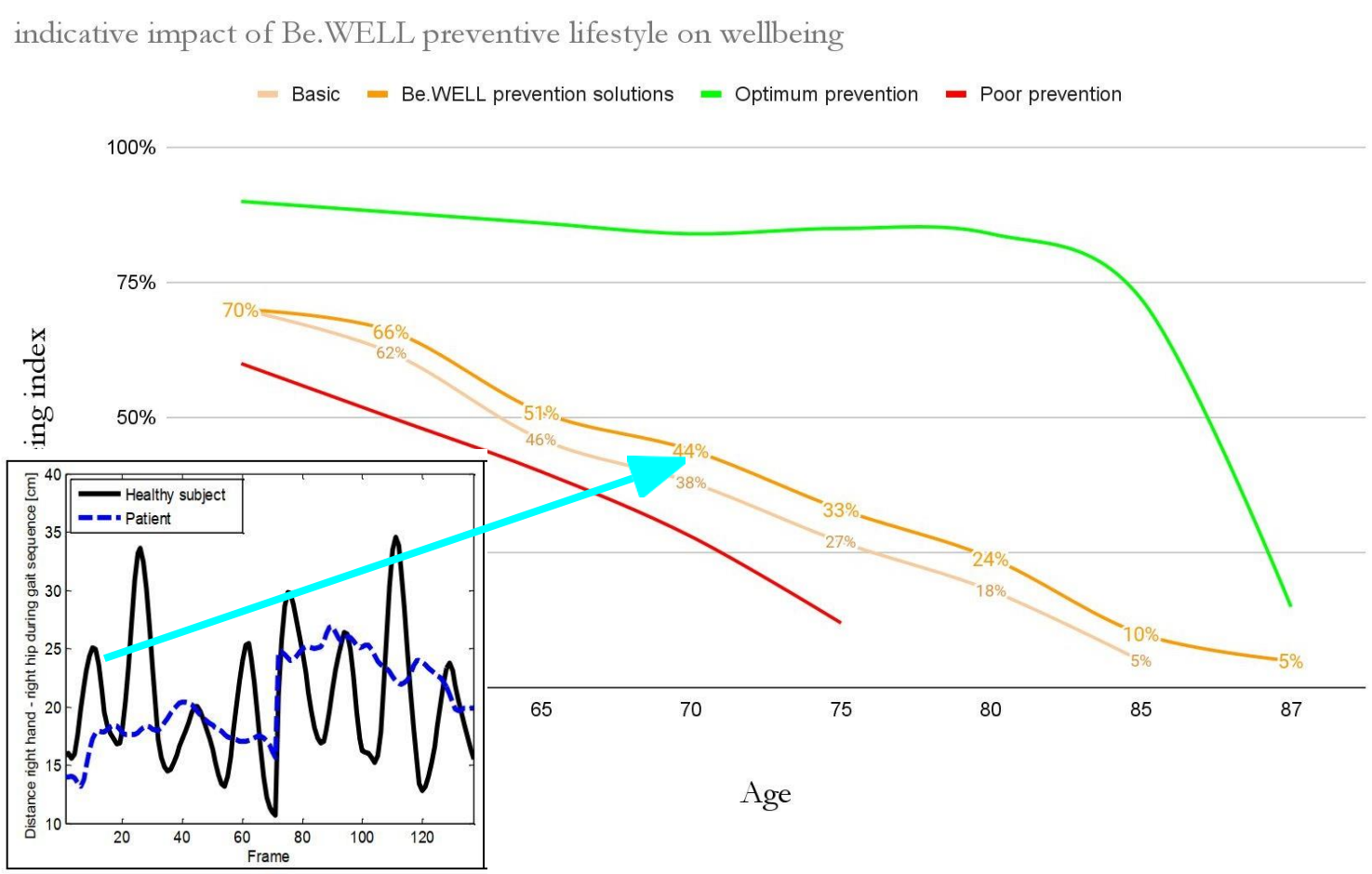


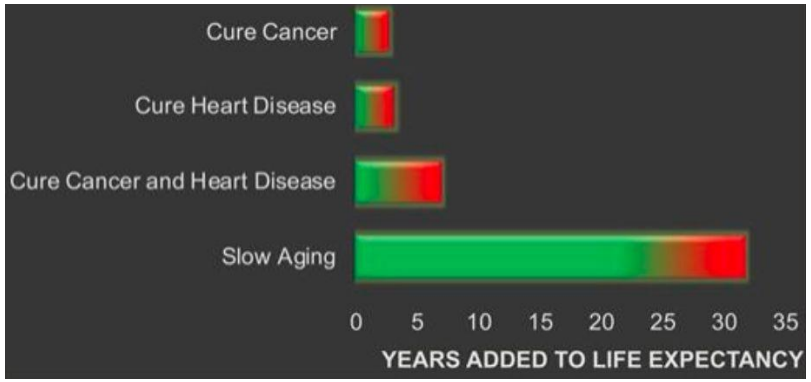
CareWatch | Voice App | SMS/messaging | Dashboard | Mobile Apps | Questionnaire | Drink***WELL*** | Harmony Health: Decision support

Health~Holland
SHARED CHALLENGES, SMART SOLUTIONS

Holland

Moving away from a mindset fixed on risks & disease management





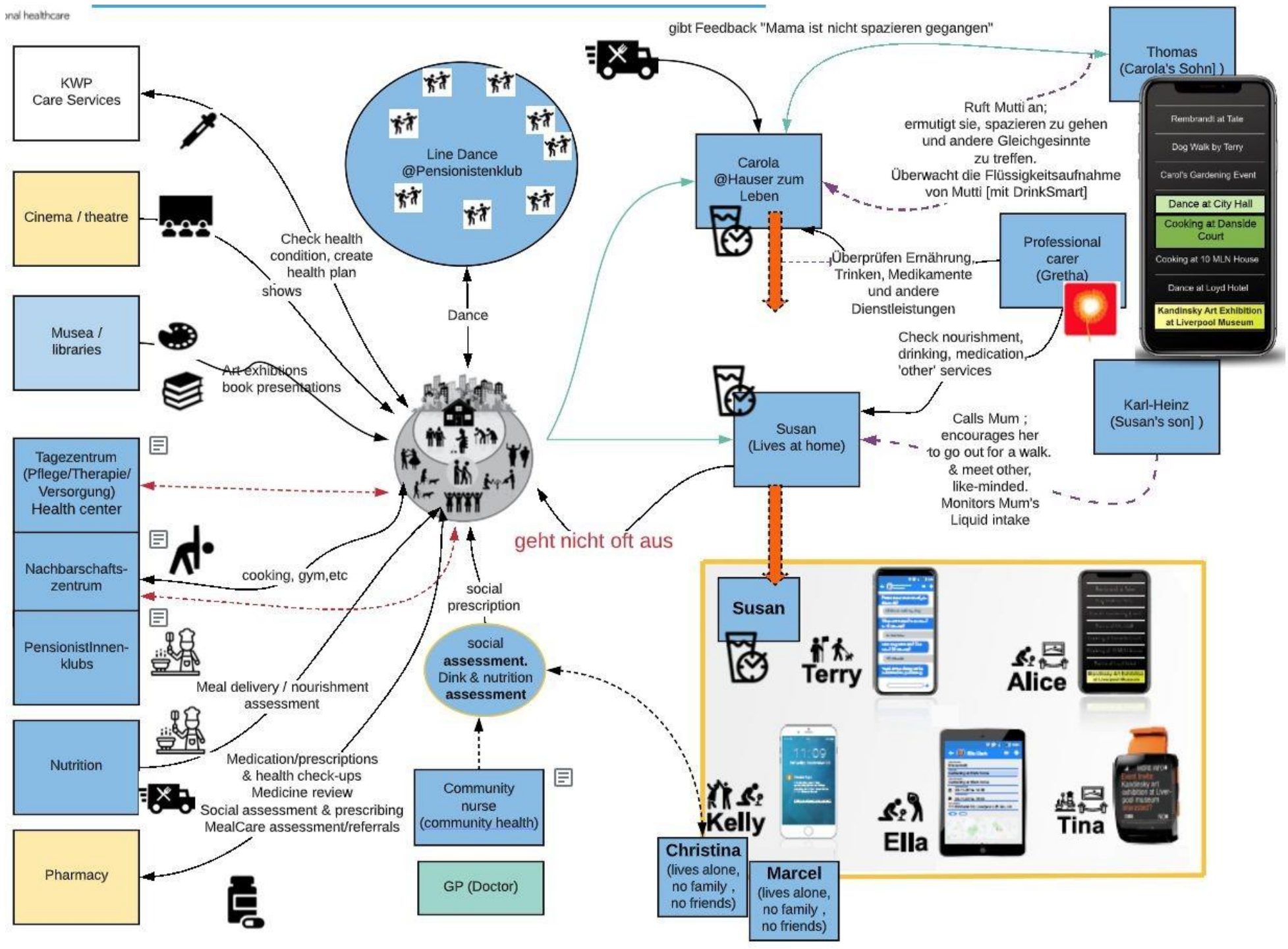
Goal is to Increase the healthspan of our citizens, aka provide extra years of a healthy life.

What must be done:

improve the physical & mental capabilities of our citizens.

How to do this

Deploy and **foster** open community systems


onal healthcare
KWP
Care Services
Cinema / theatre
Musea /
libraries
Tagezentrum
(Pflege/Therapie/
Versorgung)
Health center
Nachbarschafts-
zentrum
PensionistInnen-
klubs
Nutrition
Pharmacy
Line Dance
@Pensionistenklub
Check health
condition, create
health plan
shows
Dance
Art exhibitions
book presentations
cooking, gym,etc
Meal delivery / nourishment
assessment
Medication/prescriptions
& health check-ups
Medicine review
Social assessment & prescribing
MealCare assessment/referrals
social
prescription
social
assessment.
Dink & nutrition
assessment
Community
nurse
(community health)
GP (Doctor)
gibt Feedback "Mama ist nicht spazieren gegangen"
Thomas
(Carola's Sohn])
Ruft Mutti an;
ermutigt sie, spazieren zu gehen
und andere Gleichgesinnte
zu treffen.
Überwacht die Flüssigkeitsaufnahme
von Mutti [mit DrinkSmart]
Carola
@Hauser zum
Leben
Überprüfen Ernährung,
Trinken, Medikamente
und andere
Dienstleistungen
Professional
carer
(Gretha)
Rembrandt at Tate
Dog Walk by Terry
Carol's Gardening Event
Dance at City Hall
Cooking at Danside
Court
Cooking at 10 MLN House
Dance at Loyd Hotel
Kandinsky Art Exhibition
at Liverpool Museum
Check nourishment,
drinking, medication,
'other' services
Karl-Heinz
(Susan's son])
Susan
(Lives at home)
Calls Mum ;
encourages her
to go out for a walk.
& meet other,
like-minded.
Monitors Mum's
Liquid intake
geht nicht oft aus
Susan
Terry
Alice
Kelly
Ella
Tina
Christina
(lives alone,
no family ,
no friends)
Marcel
(lives alone,
no family ,
no friends)

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Smarter Healthcare
Self-activated prevention and personal healthcare

The “HOW”: solutions helping to stay WELL (3/3)

Technology supporting Wellbeing through eXercising, living and learning

HEALTH DECISION SUPPORT

REAL TIME MONITORING
ONE UNIFIED DASHBOARD

ALERTS
SMS, WORKFLOW, E-MAIL

VOICE APPLICATIONS

Fully customizable, multi-lingual.

112Motion
Smarter Healthcare
Self-activated prevention and personal healthcare

EncourAGE provides the digital community infrastructure connecting elderly with carers, family and friends, councils and (local) businesses. It creates a new social, motivational, ECOsystem supporting everyday lives

We work with partners that have the vision, drive, energy, skills, endurance and belief in developing community type ECOsystems

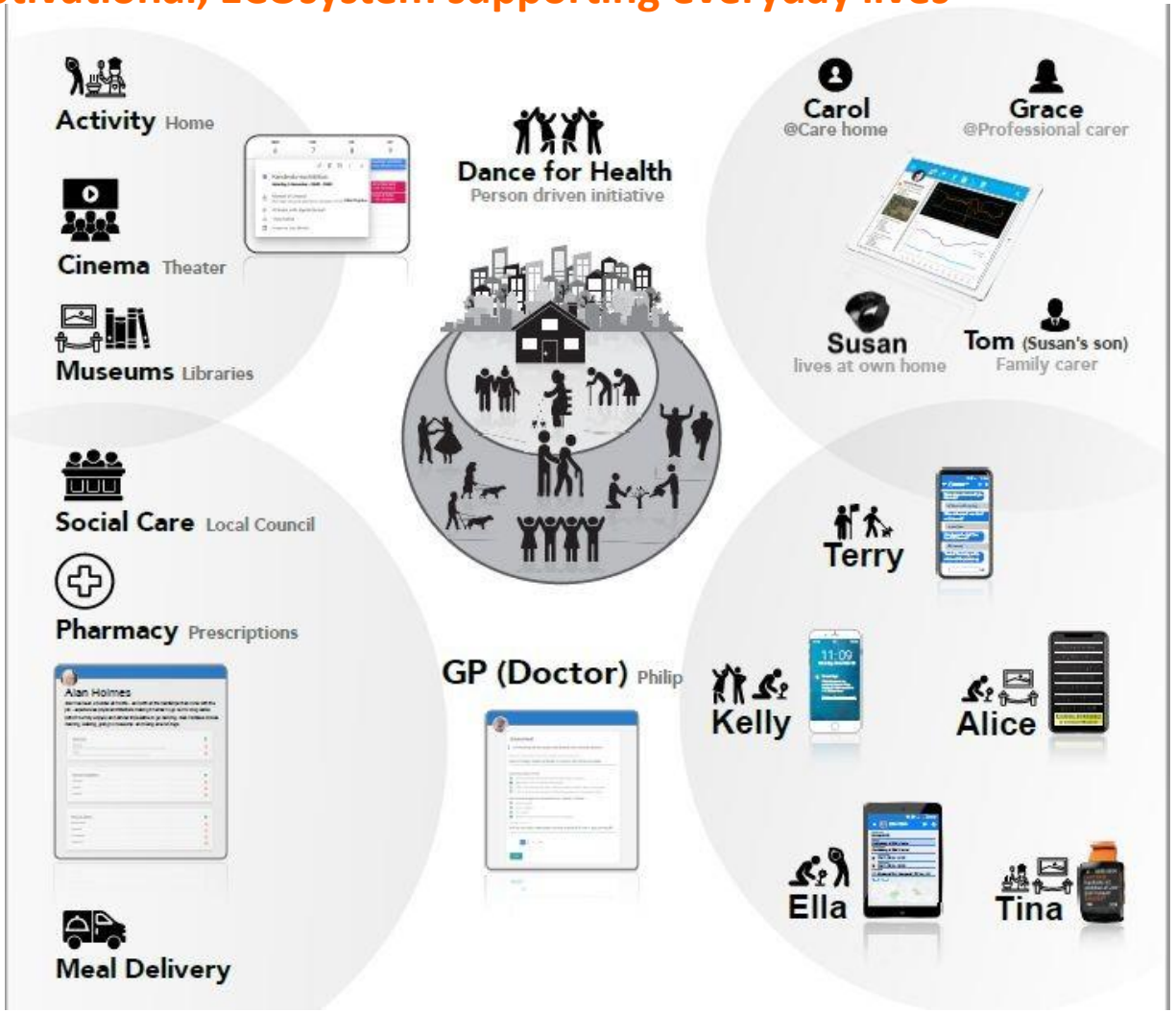
(looking beyond "point" solutions (like mobile apps))

-

With our partners, we

★ co-Design new, integrated, care services:
- Tackle Hydration: Drink**WELL** !
- meal delivery => meal**CARE**
- Pharmacy => Pharma**CARE**

★ stimulate social integrations
- incorporating dance initiatives



Health~Holland
SHARED CHALLENGES, SMART SOLUTIONS

Holland

112Motion

Smarter Healthcare

Self-activated prevention and personal healthcare

Nanno van der Laan

www.EncourAGE.care www.112Motion.com www.TheCare.Watch DrinkWELL

THANK
YOU
GRAZIE
MERCI
MULTUMESC
MAAKE
TERMA KASIH
RAIBH MAITH AGAT
JUSPAXAR
OBRIGADO
MATONDO
KIITOS
MOCHCHAKKERAM
SALAMAT
KIA ORA
MULTUMESC
CHOKRANE
SALAMAT
CAM ON BAN
MERCI
RAIBH MAITH AGAT
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MOCHCHAKKERAM
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DANK JE
VINAKA
NIRRINGRAZZJAK
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CHOKRANE
MATUR NUWUN
MERCI
MOCHCHAKKERAM
GRAZIE
MULTUMESC

we utilise semantic interoperability to support flexible interconnections in open digital systems for life preserving privacy and featuring situational intelligence

uCORESystems GmbH

saied.tazari@ucore-systems.com, CTO

our aspiration

mastering complexity in a connected world

challenges

technically profound solutions

breakthrough!

aging population

acceptance

- by all involved parties:

  developers, suppliers, operators,

  and users
  - fit for individual needs at any age
  - no paternalism
  - feeling of right spending

added value

- reduce dependency by just in-time assistance while not annoying, but vanishing to background
- flexibility & evolve-ability as needs change and technology advances

our first product

Clou

Hardware

Software

Clou, the Controller for life ovation

powered by universAAL IoT

qualification and acceptance

WoQuaZ

Weiterstadt:

- 22 Apartments
- 11 Care rooms

Bayerisches Rotes Kreuz

Treuchtlingen:

- 60 Care rooms
- 6 Apartments

DIE JOHANNITER

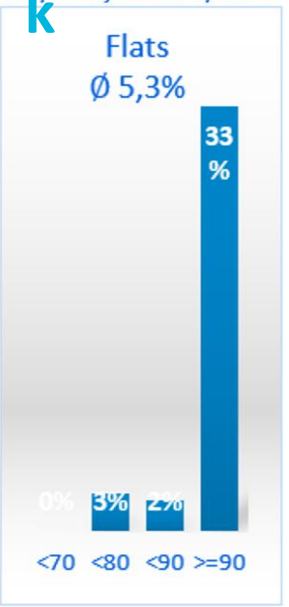
Rodgau:

- 48 Apartments
- Service living

lincolnsiedlung

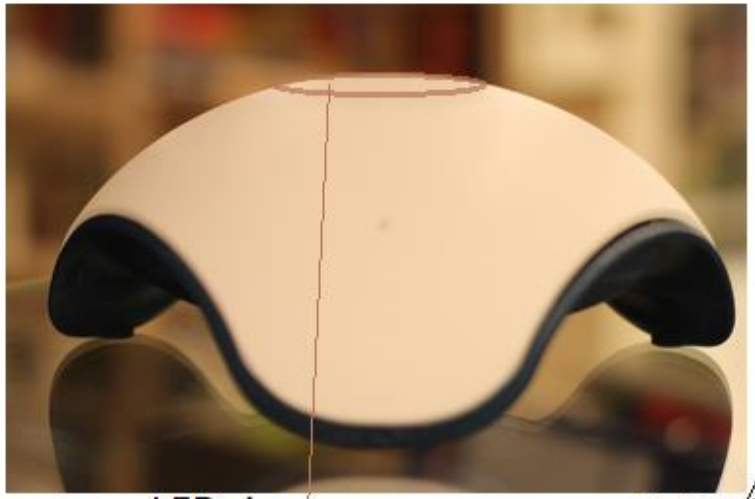
Darmstadt:

- 19 Apartments
- Service living



n=184

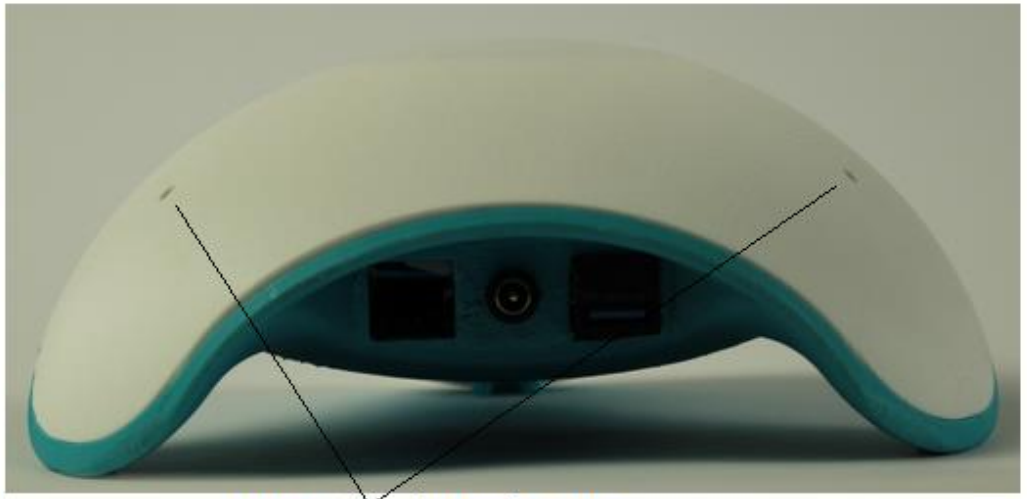
the device



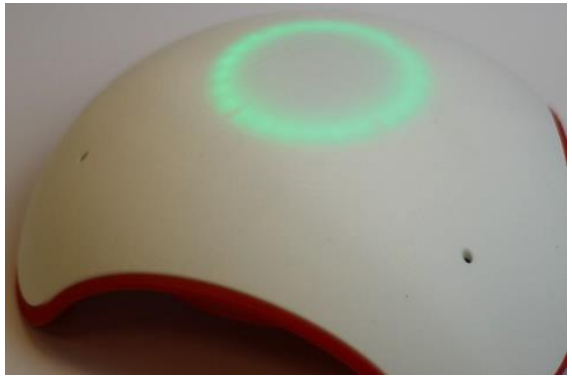
LED ring

air flow

loudspeaker, 5cm



up to 3 microphones

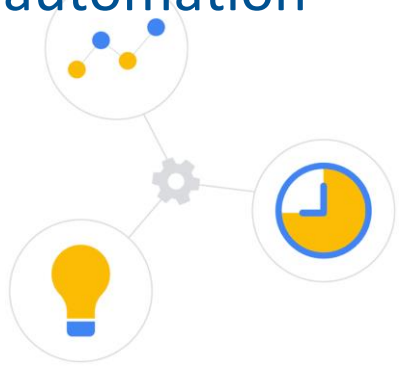


The Enabler for Smart Living

build your custom Open Assistance Systems on top of universAAL IoT

enabling the fourth dimension in “smart home”

1. automation

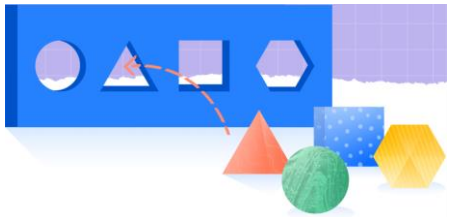


2. monitoring

3. control

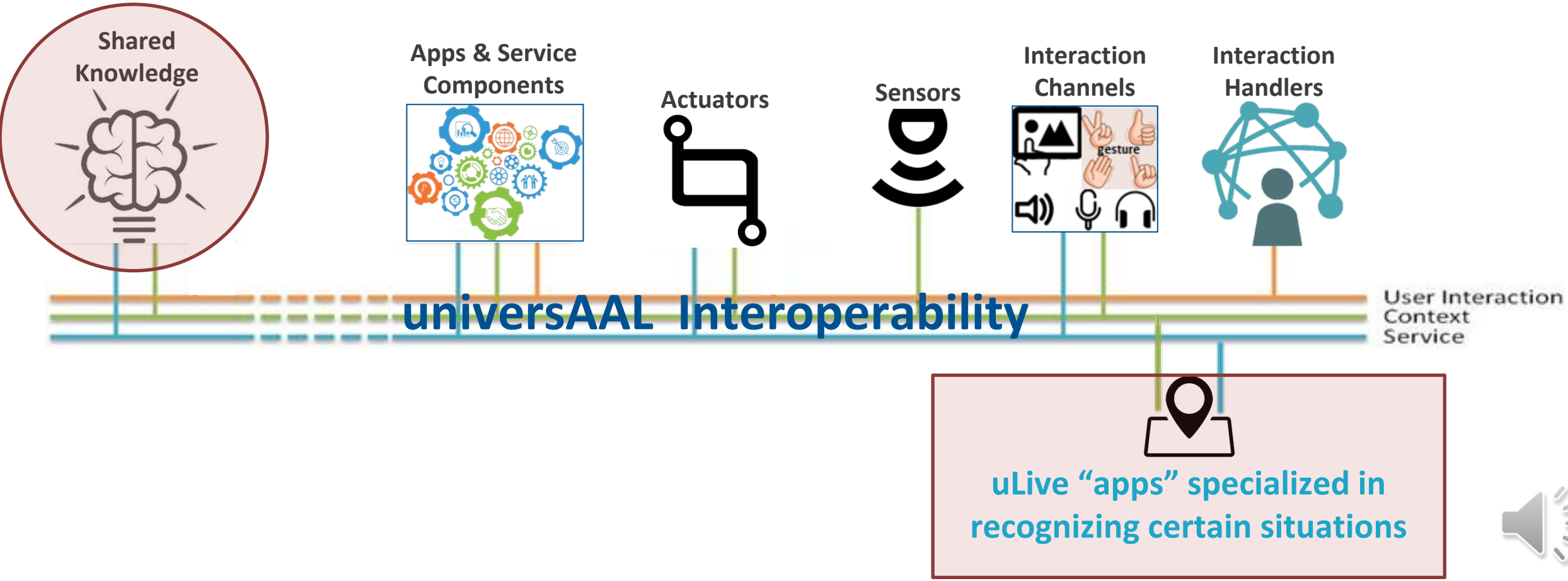
the classical „smart home“

4. situational assistance



A truly flexible world of arbitrary constellations & interconnections

Openness based on universAAL IoT upporting **semantic interoperability**



Unique way of handling Emergency

initial „apps“ try to recognize emergency situations

announcement

audio channel

„This is your home assistant speaking due to not returning to the bed. I will be calling you soon on your home phone. Please answer the call if everything is ok and there is no need for external help.“

Verified ?

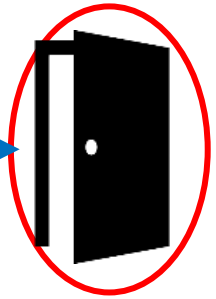
„Thanks for answering this call and refuting the alarm suspicoin!“

neighbourhood

relatives

site admin

call center



personalized alarm escalation chain

Team for Paradigm Shift in Smart Living

Reiner Wichert
CIO

pioneer in the R&I-Scene for smart living

Axel Albrecht
CEO

30 years in building & housing for older people

Rudolf Lang
CRM

30 years in social care in Bavaria

Saied Tazari
CTO

architect of universAAL IoT & developer of uLive

investment / strategic partnership

Thank you!

saied.tazari@ucore-systems.com

PlatformUptake.eu

ProSelf International Inc. Vienna

Attila Kelemen

CEO, Founder

This project has received funding from the European Union's Horizon 2020 Research and Innovation Action under Grant Agreement No 875452.

Description of the organisation

We believe in what makes people happier

ProSelf, as a social tech company provides solutions within the area of **mental health**, built based on Health Psychological Models, Positive Psychology and persuasive technology, and is supported by an AI & Human in the Loop methodology.

ProSelf's **personalised healthcare vision** is Patient focus, Personalisation, Digital health solutions, Patient engagement, Holistic approach, AI and human in the Loop.

As a result of this vision, ProSelf developed a **digital mental health application and social platform** -called ProSelf - for mainly older adults, which helps the users to live an active and healthy life with science based measurement tools and mental health (emotional, social, cognitive) activities.

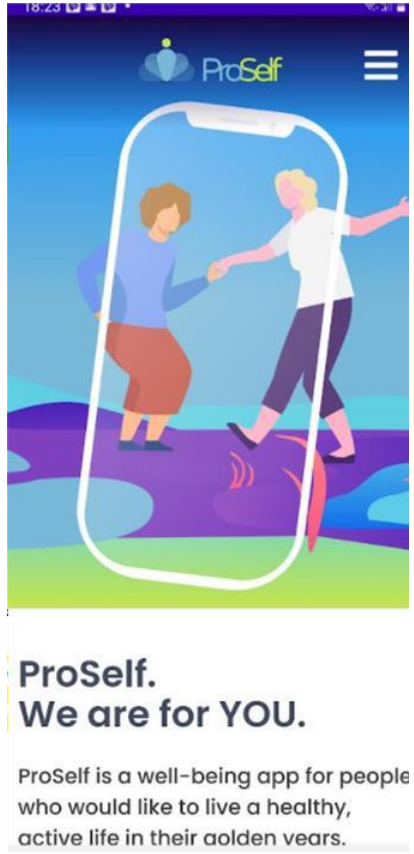
Targeted app users are adults aged 50+ from Austria, Germany, Switzerland, the Netherlands, Belgium and Sweden.

ProSelf
We are for You.

We developed a well-being application and on-line community platform.

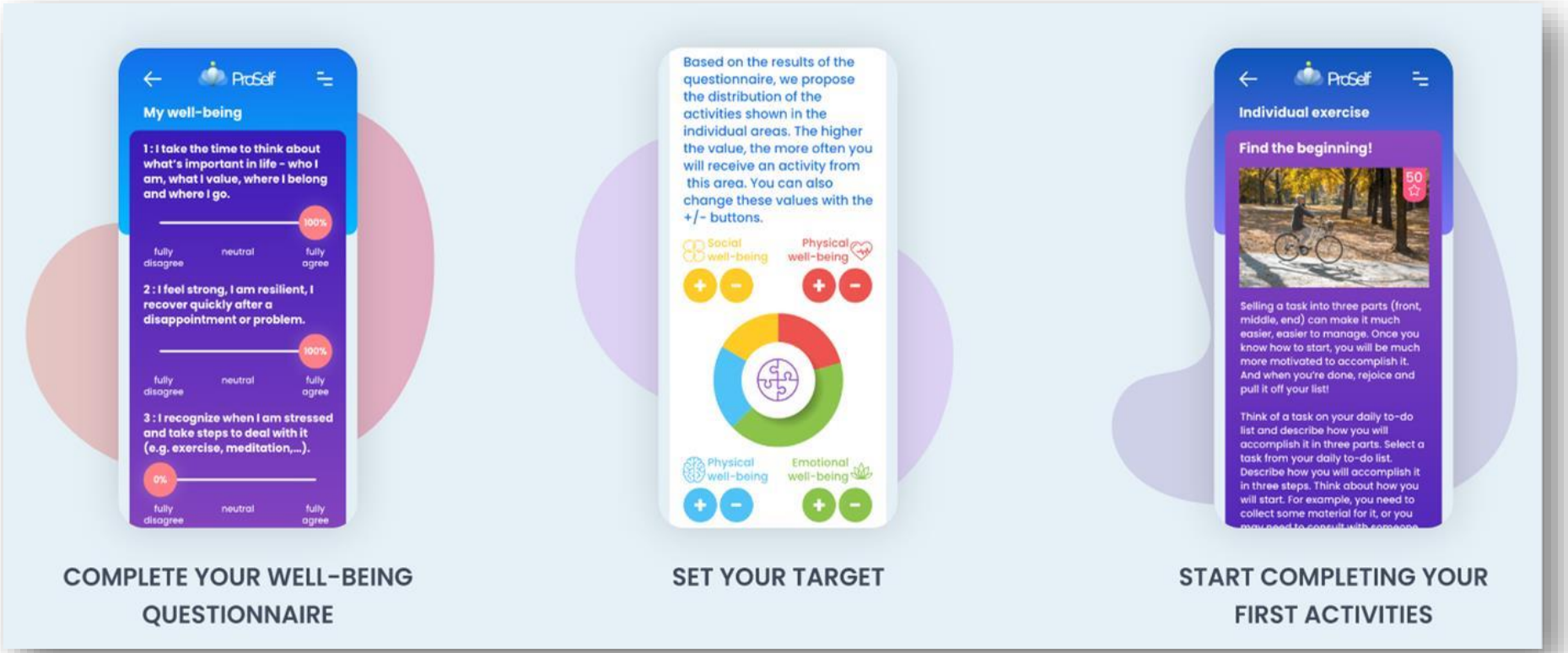
ProSelf is a digital well-being application and social platform, which helps users to live an active, connected and healthy life with science-based measurement tools and well-being activities.

It is built on the science of Positive Physiology and Machine Learning.



Proself helps focusing on theindividual and social well-being

By completing the questionnaire, you can get your well-being plan tailored to your needs

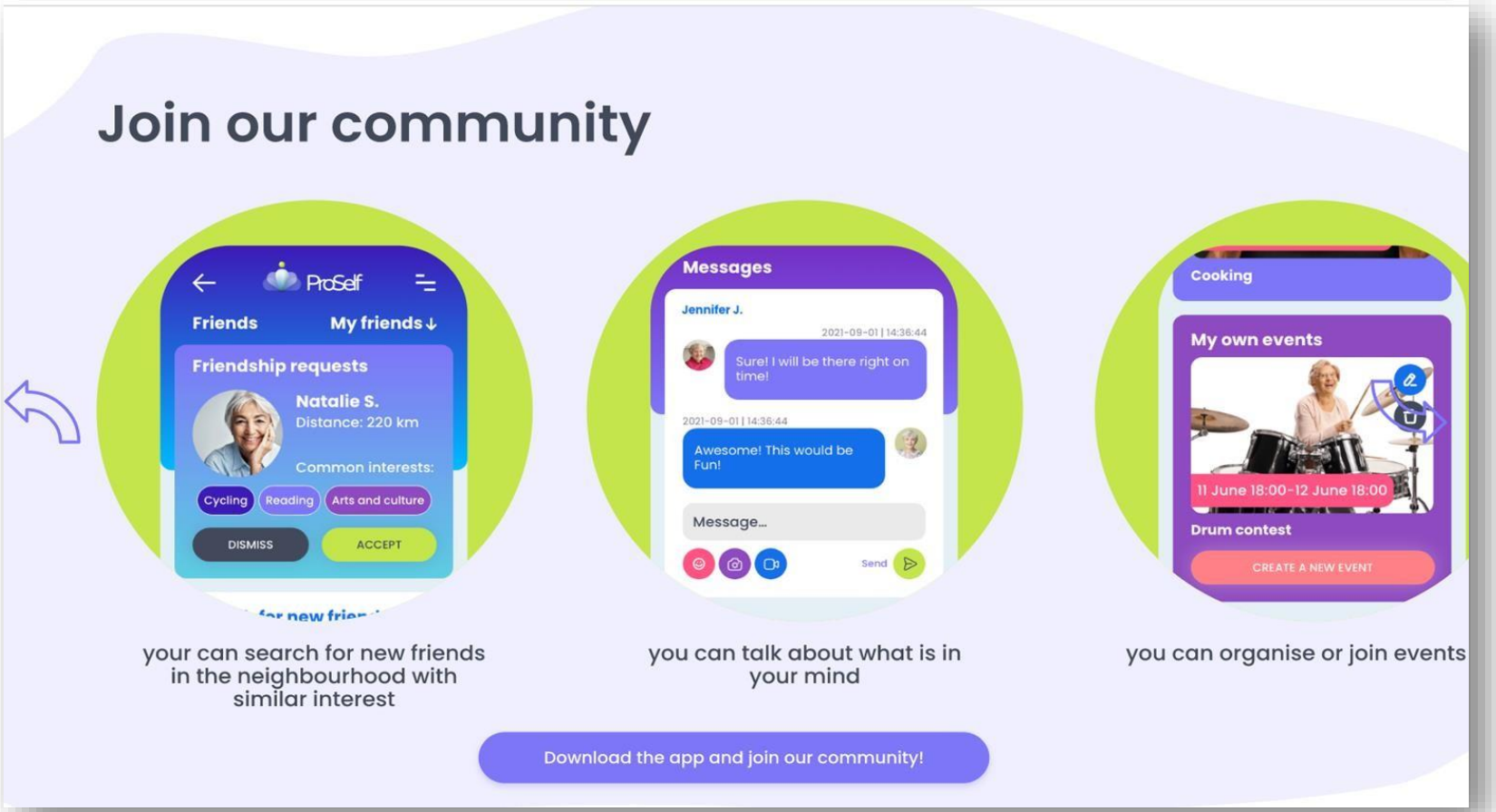


COMPLETE YOUR WELL-BEING QUESTIONNAIRE

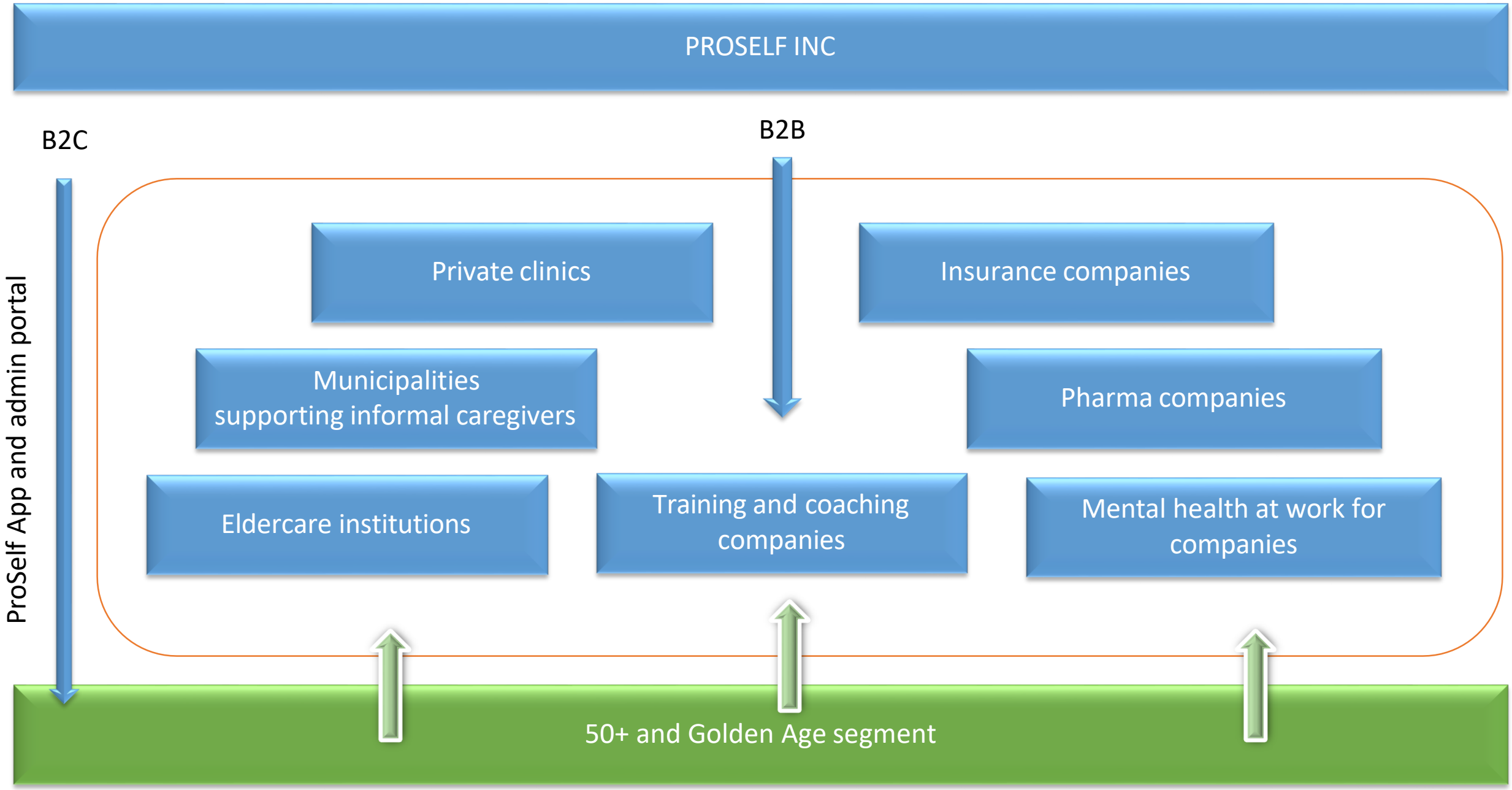
SET YOUR TARGET

START COMPLETING YOUR FIRST ACTIVITIES

You can find friends, share your thoughts, organise or join events



ProSelf's success factors


PROSELF INC
B2C
B2B
ProSelf App and admin portal
Private clinics
Insurance companies
Municipalities supporting informal caregivers
Pharma companies
Eldercare institutions
Training and coaching companies
Mental health at work for companies
50+ and Golden Age segment

Cooperation idea

We are looking for contacts to:

- ✓ Private clinics (pilot project)
- ✓ Insurance companies (pilot projects)
- ✓ Business angel Investor
- ✓ Cooperation partners according Horizon,… calls

Contacts

Proself.at

ProSelf.org

Attila.kelemen@proself.org

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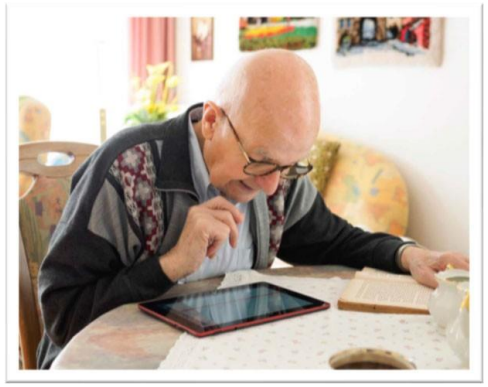
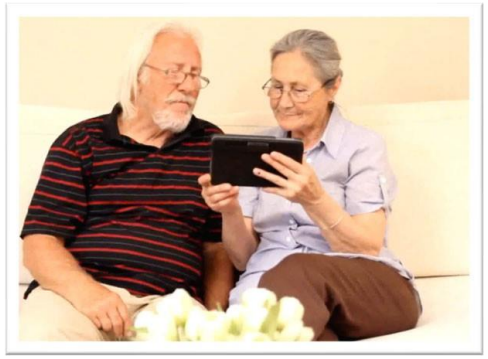




Projects and Products by BYS Grup in the Thematic Area of Elderly Care

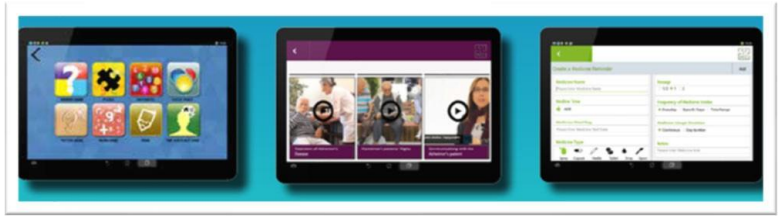
- (COGNIPLAT): A Gaming PLATform for Restoration of COGNItive Functions of the Elderly People
- Elder Tablet (ELTAB): a mobile-based health care and social inclusion system for elderly people
- Alz-E-Med: E-Medical Primary Care System for Alzheimer's Patients (ALZ-e-MED)
- RODE: AI Based E-Care System to Support Patients with Dementia

Contact:
https://www.bysgrup.com.tr/
baris.ucar@bysproje.com
info@bysproje.com

ALZ-e-MED is a product developed for providing services to Alzheimer patients and their caregivers with Europe and North America.

www.alzemed.com

GENERAL FEATURES



Rehabilitation Module

8 games operating the functions of Memory development, attention, arithmetic, language and object recognition

Education Module

19 training videos including the basic information regarding the Alzheimer patient care and prepared by the advisors

Health Module

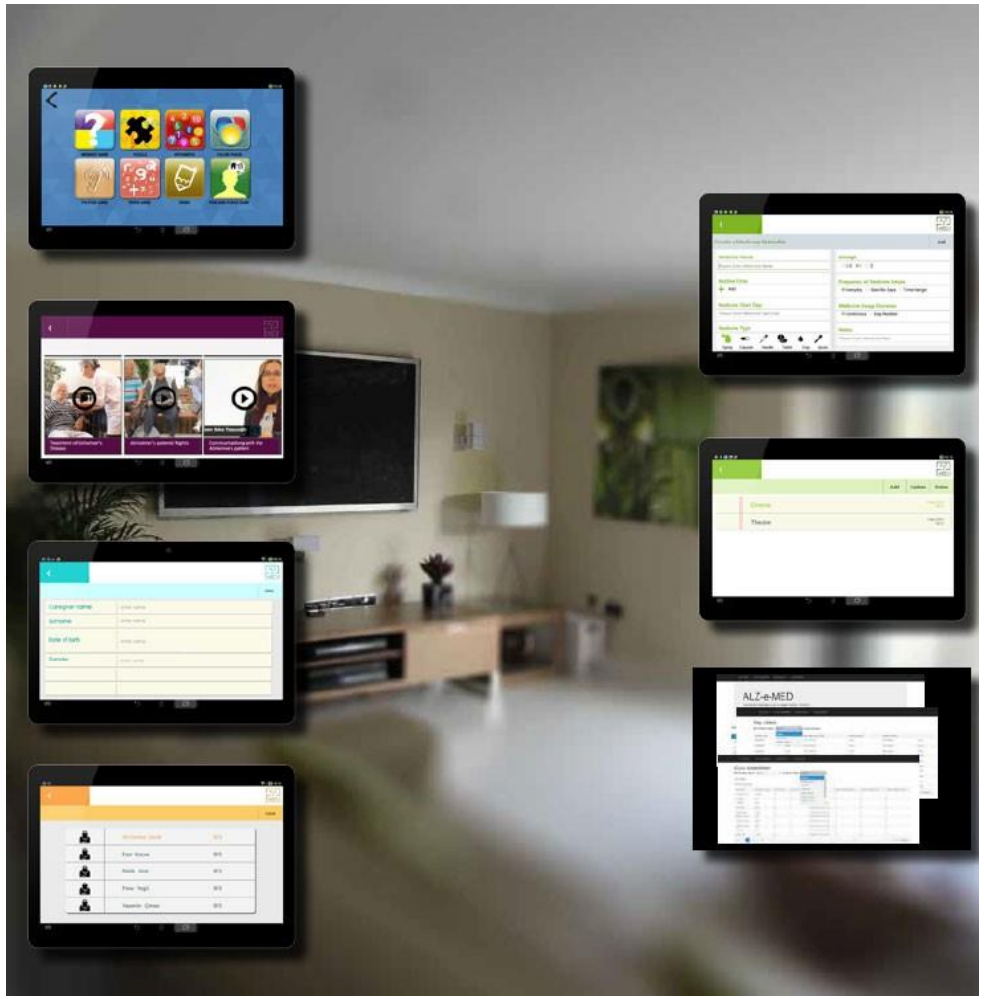
Medication reminder, activity reminder, health forms, authorization of medical staff

The games specifically developed for Alzheimer patients measure the functions of attention, arithmetic, visual-spatial skills, language, object recognition, memory development and adaptation to social life.

Relatives of patients with Alzheimer's disease often with periodical receive trainings about Alzheimer's under the supervision of a doctor. With ALZ-e-MED, in addition to periodic trainings, with the help of training videos, care-givers also benefit from the continuing education model within the solution.

The health data of the users are simultaneously shared with the doctors by means of health forms.

The management of medical staff enables the authorization of the staff who will follow up the data belonging to the user of the device through the web-based system. Unauthorized web users cannot see and report the data of the patients or elderly persons.



The medication reminder application enables to register the medication in accordance with the type, dosage, utilization period, and utilization frequency of the drugs. Moreover, the users may see the weekly medication calendar and drug lists drawn up according to the everyday utilization, and the system reminds them to take the registered drugs.

By means of activity reminder application, the patients may easily follow up their daily programs and appointments, and they may set alarms for recalling them.

ALZ-e-MED monitoring and evaluation system enables the doctors or medical staff to access and report the data of the patients accumulated via health forms, medication reminder application, games/tests in ALZ-e-MED tablet and smart TV by means of web application.

Benefits to Patients

Problems encountered by patients	Solutions produced by ALZ-e-MED
Leaving home for consultation	Follow-up of the patients at home
Inadequate care for patients	Briefing and orientation of caregivers
Provision of useful activities in patients' care from different environments	These activities are gathered in one environment
Uncontrolled and unconscious utilization of drugs	Drug intake will be controlled by the doctors
Amnesia	Reminder Application

Benefits to Doctor / Medical Staff

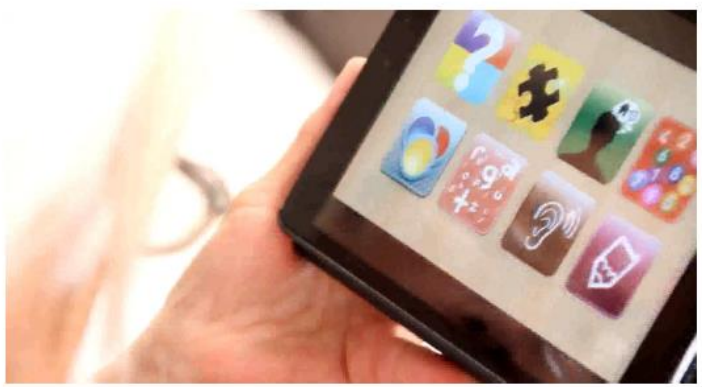
Problems encountered by doctors	Solutions produced by ALZ-e-MED
Not able to communicate with the desired patient in the required time	Continuous follow-up of the patients • Follow-up of test results • Follow-up of medication

RODE: AI Based E-Care System to Support Patients with Dementia

RODE, an R&D project with a focus on technology transfer to SouthEast Asia with pilots in The Philippines and Indonesia also with strong focus on varying needs in the partner countries, aims to:

- enhance the scope of the e-care system to support Dementia including Alzheimer's,
- upgrade the e-care system with new ICT technologies,
- to add a tracking system to the existing system,
- to localize the e-care system for needs of target countries
- to carry out a pilot case

RODE utilizes and upgrades ALZeMED infrastructure.



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PlatformUptake.eu

SIMAVI

Software Imagination & Vision

Monica FLOREA

Head of Unit European Projects Department

monica.florea@simavi.ro

This project has received funding from the European Union's Horizon 2020 Research and Innovation Action under Grant Agreement No 875452.

SIMAVI Business Card & Overview

PlatformUptake.eu

SIMAVI is a software SME focusing on:

- **eLearning & eTraining**
- **eHealth**
- **Customized Applications**
- **Security**
- **eCustoms**
- **eGovernment**
- **eAgriculture**
- **EAS**
- **Research & Development Projects**

https://www.simavi.ro/en/rd-projects

+300 succesful projects in Europe, Middle East, North Africa, CIS area

Competences

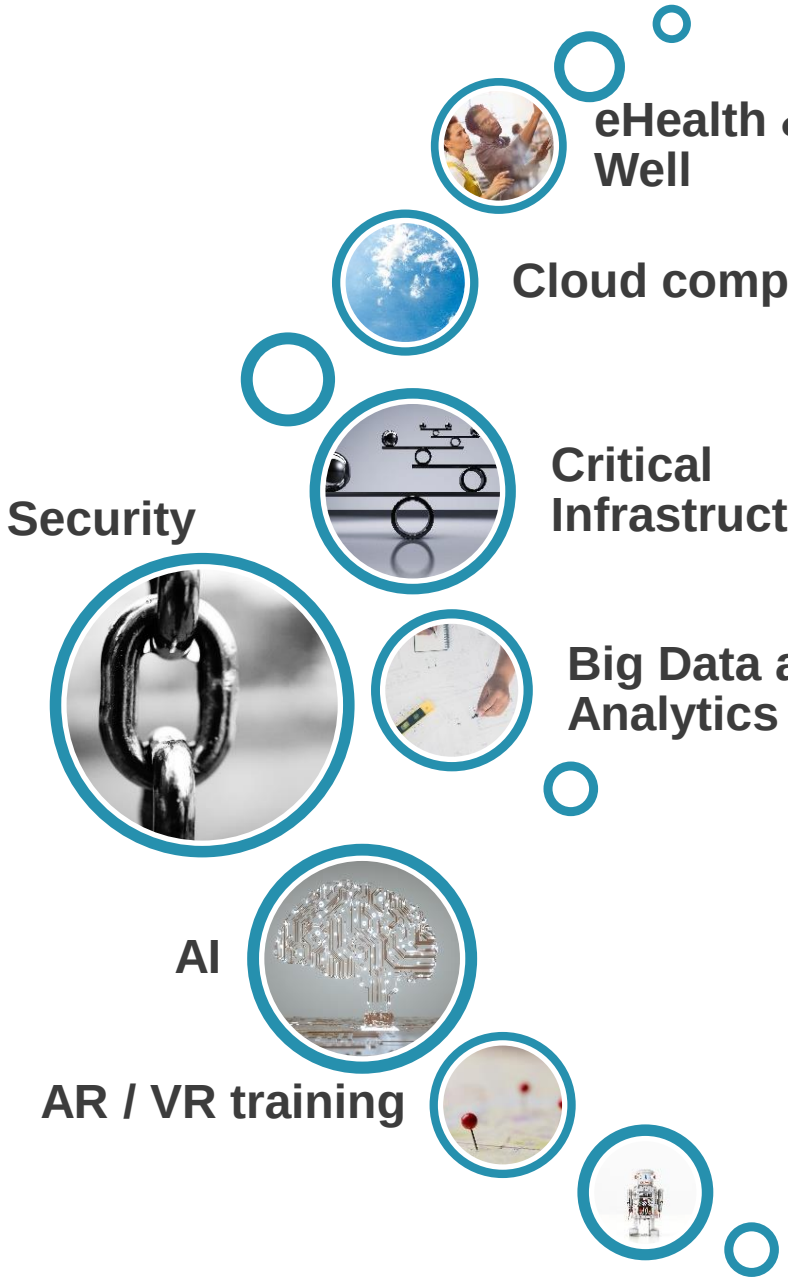
- ✓ **Software Tools & Platform development**
- ✓ **User Experience & Journey Design**
- ✓ **Integration and interoperability**
- ✓ **Digital Content development & eTraining**
- ✓ **Pilot deployment and implementation in Eastern Europe**, by engaging key partners: **(1) Hospitals and Health related organizations (i.e. elderly care homes) ;** (2) **City municipalities & Public Authorities**; (3) **Ports & Airports**; (4) **Industry 4.0**; (5) **Energy DSO/TSO**; (6) **LEAs**; (7) **NGOs & Clusters**; (8) **R&D Organizations** and **Universities**
- ✓ **Experience in running over 40 H2020 and 8 AAL projects** (as coordinator and partner).

SIMAVI

Software Imagination & Vision

monica.florea@simavi.ro

Technological capabilities & experience of our team



- Data & IoT platforms
- Data mining
- Decision Support Systems
- End-user engagement and communication platforms
- GIS, Mobile Technologies & apps
- User interfaces, UX design
- Cybersecurity solutions (data encryption, authentication, authorization)
- eLearning & eTraining & Awareness, Serious Games

Innovation is the foundation of our values as a company, and we are using latest ICT technologies to bring added value into all projects.

SIMAVI
Software Imagination & Vision

monica.florea@simavi.ro

Horizon 2020, AAL, ITEA references

BRAIN@home

LETIT FLOW

vCare
Virtual Coaching Activities for Rehabilitation in Elderly

Follow.Me

SPHINX

3DPathology
A digital pathology solution for more effective and efficient treatments

DEEPHEALTH

PROCare4Life

PaletteV2

MES-CoBraD

Professional Intergenerational Cooperation and Mentoring
ProMe

InteropEHRate
EHR in people's hands across Europe

Nationwide Integrated Health Information System in Romania

- e-Prescription
- e-Card
- EHR - Electronic Health Record
- Telemedicine

eHealth Solutions & Expertise

- AI-based Monitoring Solutions for elderly
- Virtual coach, AR/VR
- Brain training platform & serious games
- Telemonitoring / tele-rehabilitation application
- Patient-centered and personalized solutions
- Elderly tailored mentoring tools
- Rehabilitation decision support system
- Diagnostic & monitoring support tools
- Natural Language Processing services
- ML Components
- Application for healthcare professionals
- Data & IoT platforms
- Image processing tools
- Social communication platforms for elderly

SIMAVI
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Software Imagination & Vision

PlatformUptake.eu

ProKNX SAS

Author: Christian Kiefel

CEO, ProKNX SAS

This project has received funding from the European Union's Horizon 2020 Research and Innovation Action under Grant Agreement No 875452.

Description of the organisation

ProKNX SAS: Innovative Leader In The Smart Home Sector

ProKNX is an IoT company which develops award-winning offline smart speakers that provide all the comforts of a cloud-based system while maintaining consumer privacy.

We have over 10 years of experience in developing innovative, prize-winning smart home devices for KNX Home Automation. ProKNX works in collaboration with Jung, Gira, and Sonos to produce high quality smart assistants for homes, hotels, and offices.

ProKNX has added unique features to their AI-based offline Private-By-Design Voice Controlled Smart Speaker to control the indoor environment and keep solo inhabitants safe.

Cooperation idea

ProKNX SAS: Changing the face of integrated retirement living

We are looking for partners who work in the sector of integrated retirement care, and also for entities that work in the areas of independent and connected living.

We would like to test and expand on the special developments we have added to our smart speakers for seniors, such as the «call for help» feature, and the intelligent monitoring capacity of our device. We are looking for companies interested in creating interoperable systems with their products to be able to offer a full solution for assisted living.

Expertise request

ProKNX SA: looking for partners

At this stage in the ProKNX development, we are primarily looking to expand sales. This could be through investors and/or partners wanting to extend their offering by including the ProKNX smart speaker, Aragon, in their portfolio.

Contacts

The ProKNX Team

Christian Kiefel: CEO - has had nearly 30 years of experience in the automation sector. His curiosity, and drive to make a difference in the world led him to found ProKNX 15 years ago.

Jens Kastensson: CTO - has a long experience of developing high-quality software products, applications and systems for major companies. His desire to innovate caused him to join ProKNX over 7 years ago.

aragon@proknx.com

+33 (0)7 78 05 97 64

https://proknx.com

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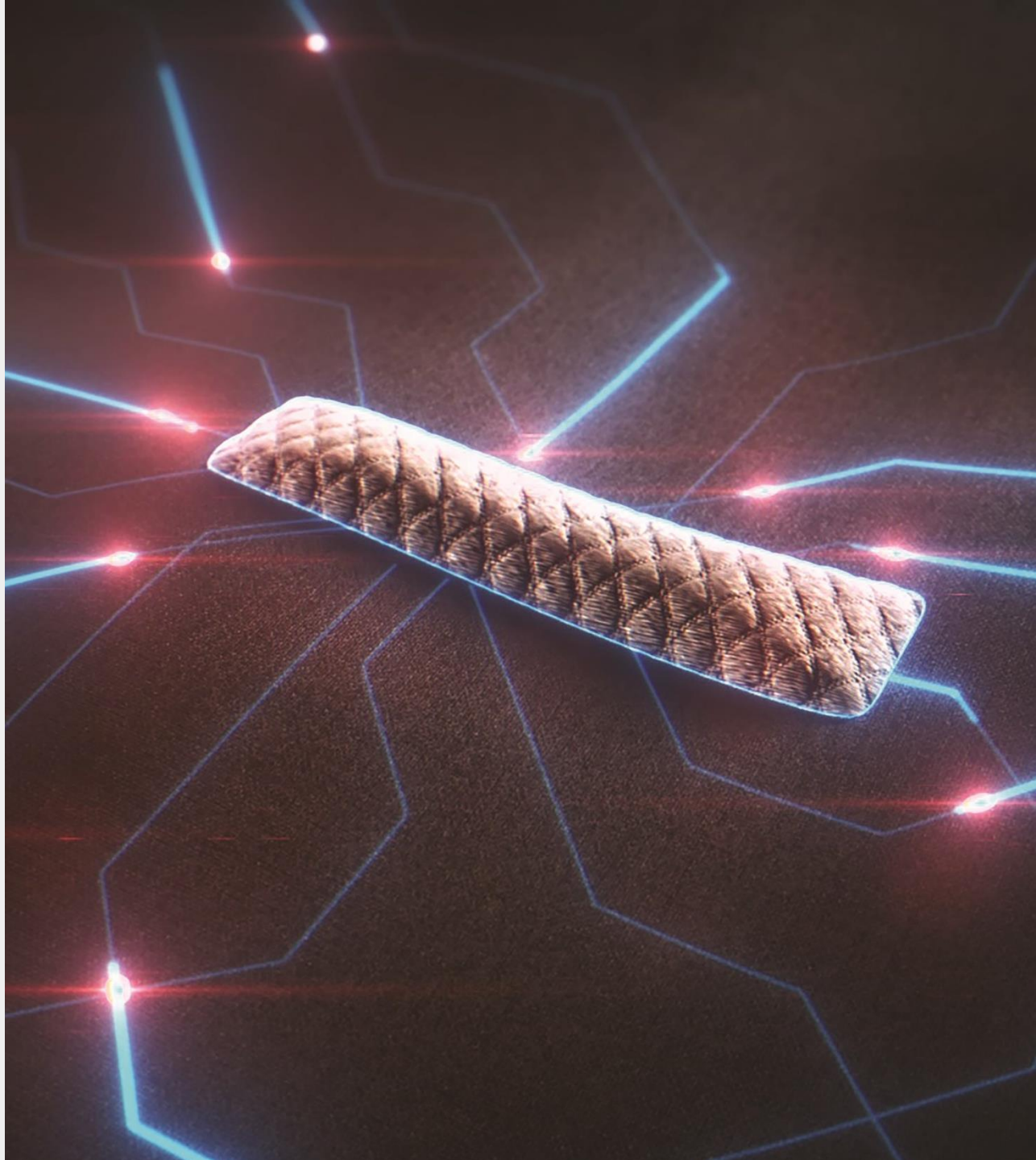
WEARABLE MONITORING SYSTEMS

Comf Tech

We care with Comfortable Technology



COMFTECH

ComfTech comes from **Comfortable Technology**.
Our company started as a project to **improve the quality of life** of **premature babies** in the neonatal intensive care unit.
Today our sensors have a wide range of applications and are designed **for all ages**.

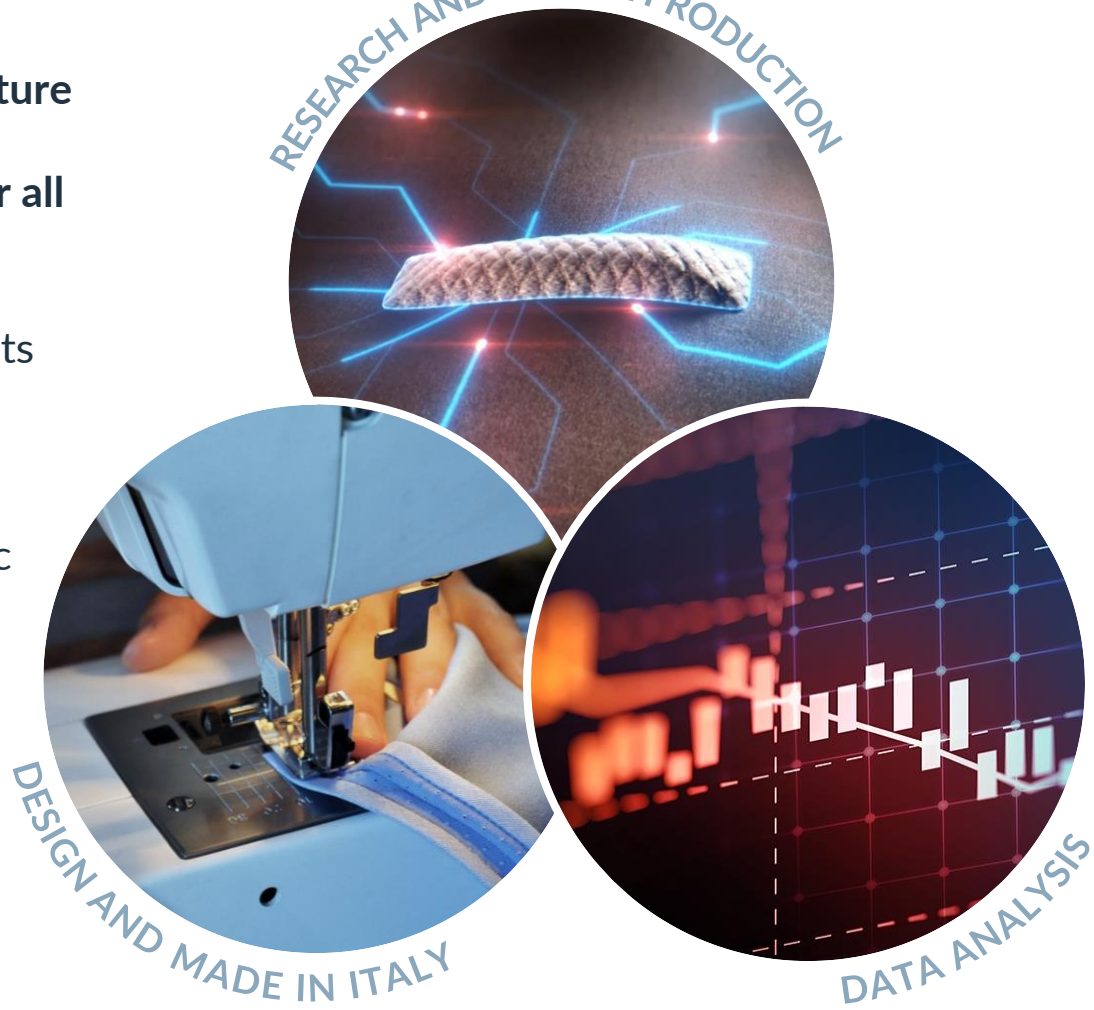
ComfTech is the result of years of experience in the textile industry and its history is based on culture, passion and respect for **textile tradition**.

ComfTech has developed specific expertise in textile sensor signal optimisation and data analysis. The software developed for our electronic devices is now at the core of our technology.

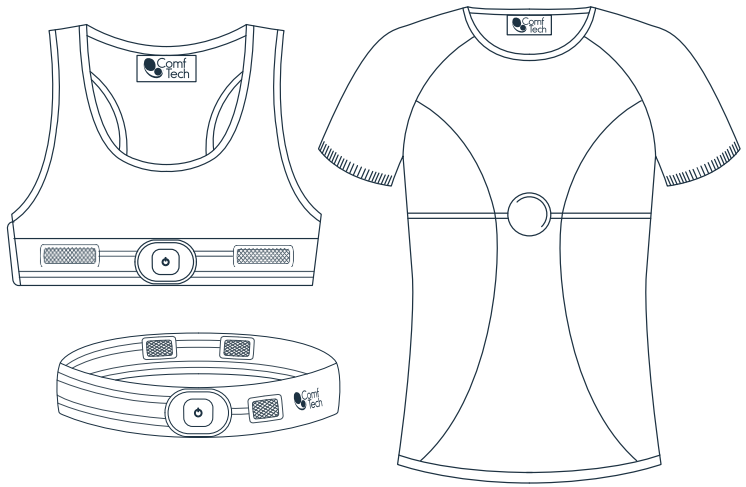
ComfTech's **textile sensors** are **patented**, **safe** and **efficient**:

- **High signal quality**
- **Soft and flexible**
- **Hypoallergenic**
- **Comfortable**

Patented Intellectual Proprerty



OUR SYSTEMS

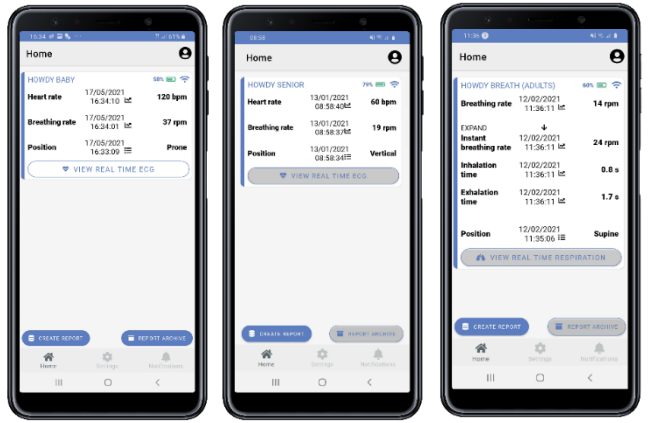


TEXTILE UNIT

Garments integrated with textile sensors and circuits

ELECTRONIC UNIT

Measure, process and transmit data to the App



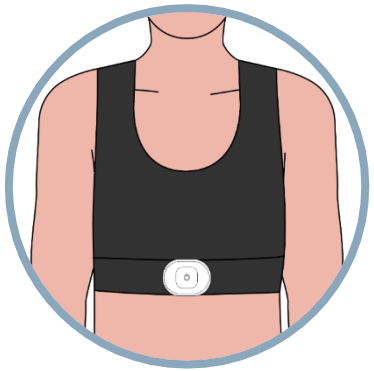
APP

Allow product-user interaction by displaying detected parameters

ADVANTAGES

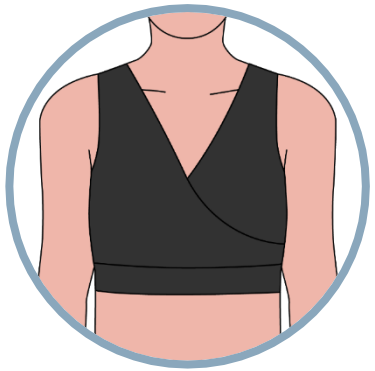
- Do not affect movement
- Do not require positioning on the body, as they are fully integrated into the garment
- Reduced perception of disease
- Continuous and non-invasive monitoring
- Tested textile sensors and circuits
- Machine washable textile units
- Infinite customisation possibilities

HOWDY SENIOR | TEXTILE UNIT



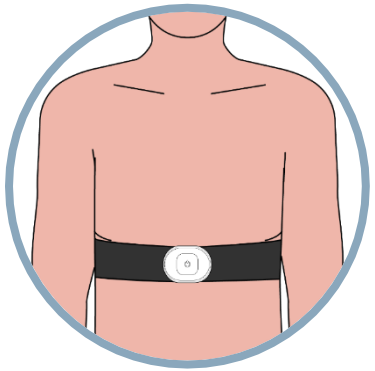
MALE TOP

Electronic unit on chest, adjustable closure on side



FEMALE TOP

Electronic unit on chest, adjustable wrapover closure



BELT

Available soon

Electronic unit on chest

HOWDY SENIOR | ELECTRONIC UNIT

HOWDY senior

Heart rate and ECG trace
Acquisition through textile sensors integrated in the textile unit
ECG recording: bipolar with ground electrode
Signal sampling frequency: 0 - 512 Hz
Heart rate calculation algorithm: Pan – Tompkins

Breathing rate
Acquisition through textile strain gauge integrated in the textile unit
Signal sampling frequency: 13Hz

Posture and movement
Acquisition through MEMS 3D triaxial accelerometer
Acceleration range: ± 2g

SPECIFICATIONS

Dimensions: 73x53x15 mm

Weight: 31 g

Communication: Bluetooth© v4.2 Low Energy

Power supply: 600 mAh capacity internal LiPo batteries rechargeable with NFC technology

Battery duration: 30 hours with continuous transmission

Operating life: without battery change: 2 years (>500 measurements)

Degree of protection: IP 22

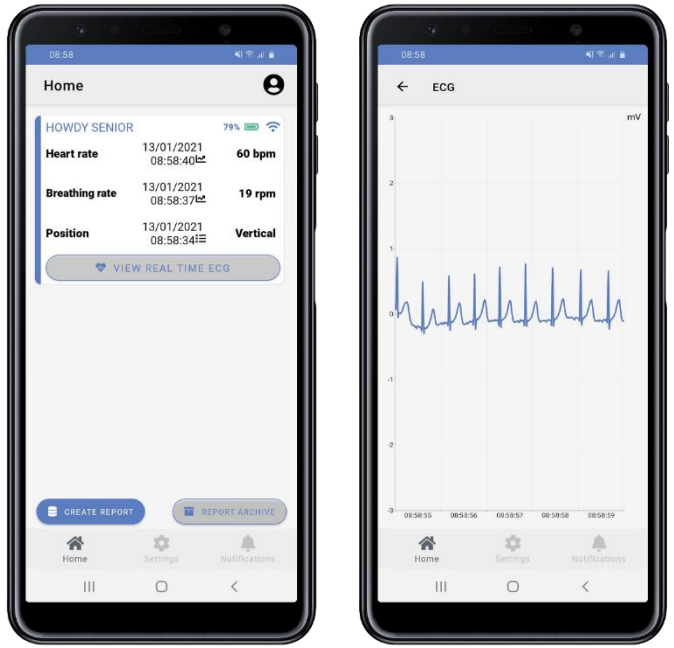
Risk class: IIb

HOWDY SENIOR | APP

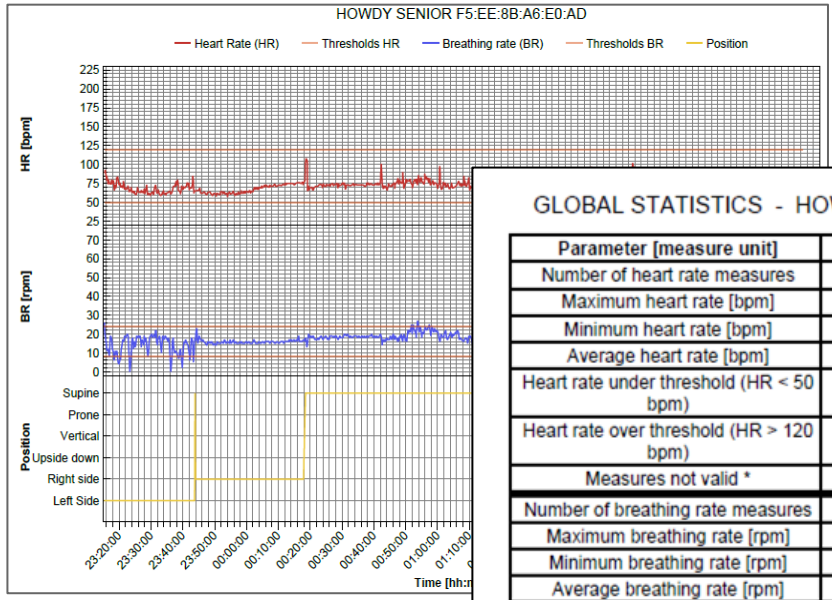
The app displays the parameters of:

- Heart rate (bpm)
- Real-time ECG (graphic)
- Respiratory rate (rpm)
- Body position

Available for Android 8.0 or later



The app can generate reports on the monitoring period that can be easily shared.



GLOBAL STATISTICS - HOWDY SENIOR F5:EE:8B:A6:E0:AD

Parameter [measure unit]	Value	Time
Number of heart rate measures	13359	
Maximum heart rate [bpm]	108	15/03/2021 00:18
Minimum heart rate [bpm]	51	15/03/2021 02:45
Average heart rate [bpm]	71	
Heart rate under threshold (HR < 50 bpm)	0	
Heart rate over threshold (HR > 120 bpm)	0	
Measures not valid *	1108	
Number of breathing rate measures	3716	
Maximum breathing rate [rpm]	27	15/03/2021 00:53
Minimum breathing rate [rpm]	0	14/03/2021 23:23
Average breathing rate [rpm]	17	
Breathing rate under threshold (BR < 8 rpm)	26	
Breathing rate over threshold (BR > 24 rpm)	24	
Values not valid **	0	
Time subject supine [h:m:s]	01:53:02	51.3 % of recording
Time subject prone [h:m:s]	00:00:10	0.1 % of recording
Time subject standing [h:m:s]	00:00:00	0 % of recording
Time subject upside down [h:m:s]	00:00:01	0 % of recording
Time subject on right side [h:m:s]	01:05:32	29.8 % of recording
Time subject on left side [h:m:s]	00:41:23	18.8 % of recording
Total position changes	10	

HOWDY SENIOR | USE CASES

HOWDY senior

HOSPITAL

INFORMATION FLOW

APP

CENTRAL MONITOR

WI-FI CONNECTION

LAN CONNECTION

BELT

TOP

HEALTHCARE PERSONNEL

THANK YOU!

We care with Comfortable Technology

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Benefit Corporation

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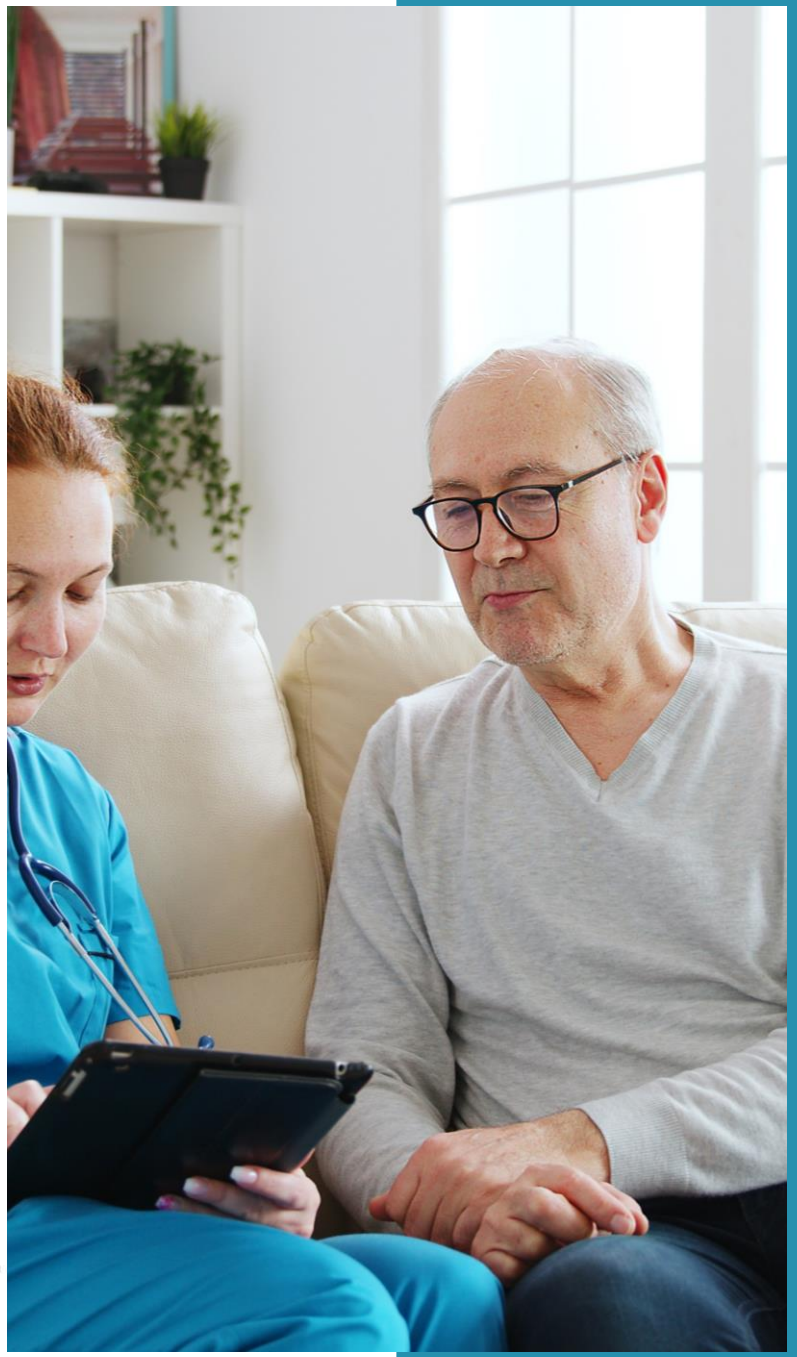
Questions & Answers

Secondary end-users

Healthcare organisations, Home care/ community support, Residential care homes, Professional care givers etc.



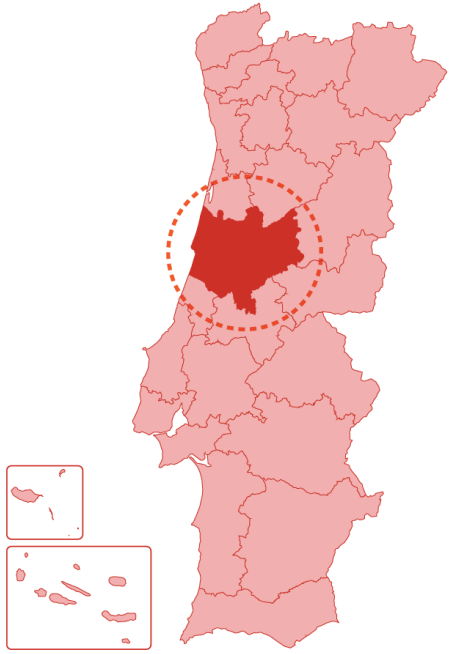
This project has received funding from the European Union's Horizon 2020 Research and Innovation Action under Grant Agreement No 875452.

CÁRITAS DIOCESANA DE COIMBRA - CARE PROVIDERS REPRESENTATIVE

Natália Machado | Project Coordinator - Innovation Department

WHO WE ARE

Caritas Coimbra is an NGO that supports around 25000 people/year with social, health and education in 5 districts of the Central Region of Portugal. It has nearly 90 centres (with 129 different services), 1040 workers and 450 volunteers.



5 DISTRICTS

26 MUNICIPALITIES

269 PARISHES

1 040 WORKERS

2500 OTHERS

2900 HEALTH / AGEING

7700 COMMUNITY INTERVENTION

129 SOCIAL RESPONSES

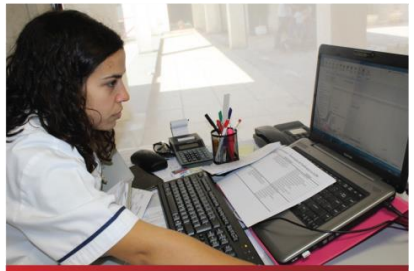
10900 CHILDREN AND YOUTH

1070 SOCIAL INCLUSION

25 000 AVERAGE NO. OF USERS/YEAR

CHILDREN AND YOUNGSTERS

ACTIVE AGEING



HEALTH

VOLUNTEERING

SOCIAL INCLUSION

SOCIAL SUPORT

PROJECTS

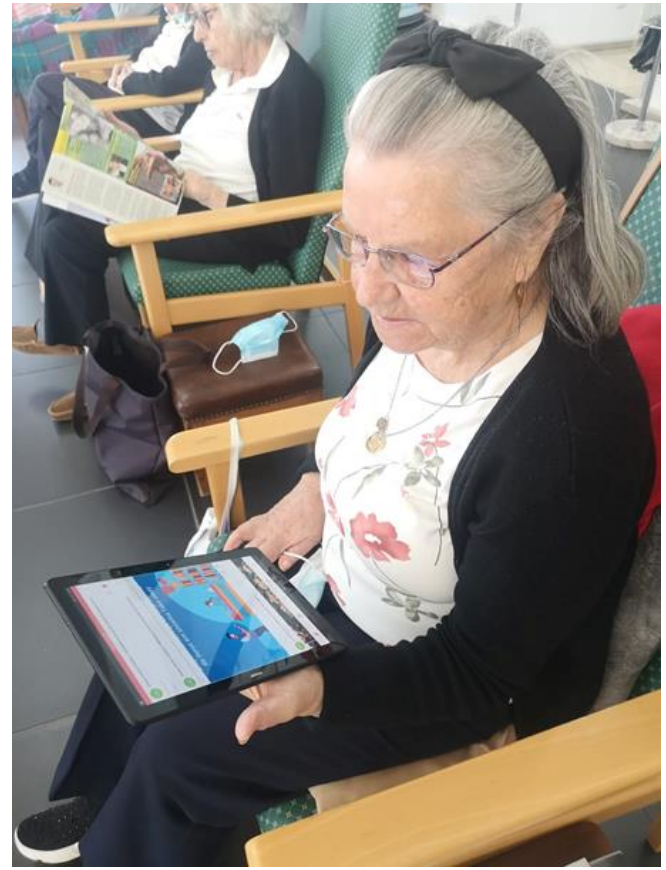
Open Platforms | Active and Healthy Ageing |Active Assisted Living

PlatformUptake.eu

Over the past decade, many (open) platforms and solutions have been developed and tested to use innovative technologies to help older citizens live independently in their homes as long as possible. These open platforms should support older people in the main problems that have arisen with the demographic increase in Europe.

In that sense platforms/ solutions should improve:

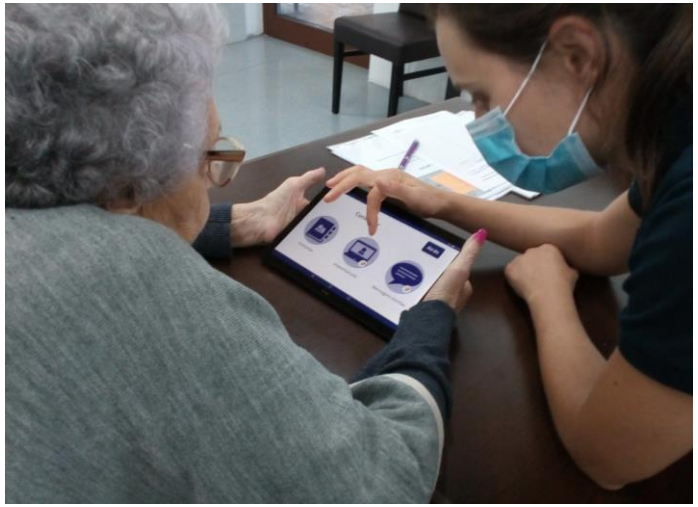
- **Older adults' autonomy** – helping them to manage their daily activities.
- **Socialization** – helping them to get in contact with their families, caregivers, or friends.
- **Feeling secure** – helping then to ask for help if an issue happens.
- **Healthy ageing** – creating an inclusive environment that enables older people and persons with disabilities to live independently and stay active longer in society.



Open Platforms | Health and Social Services

With the lack of caregivers, due to the exponential increase of older people, technology must be a support tool, not to replace personal contact, but to provide the user with greater autonomy. In that sense platforms/ solutions should provide:

- **A personalized service** - Focus of care is centered on the user's needs and wishes.
- **Relaxed care** – it is very important the caregiver have constant feedback about older adults.
- **Reduction in the caregiver burden** – helping manage tasks.
- **Integration of services/ solutions at the same platform.**



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PlatformUptake.eu

atendo
centrados en las personas

Angel Rodriguez

Head of Digital Transformation/Atendo

This project has received funding from the European Union's Horizon 2020 Research and Innovation Action under Grant Agreement No 875452.

Description of the organisation

Enter subtitle here

Atendo is a 20 years old innovative company. Our main goal is to help people staying at home as long as possible.

We look after 3.000 elderly people with a team of 500 care professionals in our services.

We led 2 R+D+i projects co-financed with European funds in 2018 and 2019.

Atendo is part of the IN-4-AHA Living Labs network. We are testing two products in this year.

Atendo is the ideal partner to test products and services with end users related to the elderly and active aging.

Cooperation idea (if applicable)

Enter subtitle here

We are interested in discovering and testing new technologies and solutions.

Our main interest are based on integrated care, independent and connected living, technologies that help teams to make their jobs easier.

Expertise offer (if applicable)

Enter subtitle here

We provide services in nursing homes, day care centre, home care, clinics and therapeutics units, our team is made up of caregivers, social workers, occupational therapists, physiotherapist, psychologists, doctors, neuropsychologists, engineers, among other professionals.

Contacts

Enter subtitle here

Héctor Robles Santalla (Head of Innovation): innovacion@atendo.es

Ángel Rodríguez Cerdeira (Head of Digital Transformation): ingenieria@atendo.es

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Open platform providers

EU-funded platforms, Commercial open platforms

This project has received funding from the European Union's Horizon 2020 Research and Innovation Action under Grant Agreement No 875452.

PlatformUptake.eu

GATEKEEPER Project

GATEKEEPER

Ioanna Drympeta

CERTH/ITI

CENTRE FOR RESEARCH & TECHNOLOGY - HELLAS
Information Technologies Institute

This project has received funding from the European Union's Horizon 2020 Research and Innovation Action under Grant Agreement No 875452.

Description of GATEKEEPER project

Enter subtitle here

The **flagship project** of the EU to foster large-scale deployment of integrated digital solutions, mainly AI and Big Data, in the Health Care domain

VISION

Build a trust and secure platform to foster large-scale deployment of integrated digital solutions for early detection and intervention in different regions across Europe and worldwide enabling novel business models

How we build it?

FHIR

Model the healthcare domain

WEB OF THINGS

Standard Interoperability

Saref Snomed Ontology

Semantic Interoperability

BLOCK CHAIN

Security & Privacy by design

CERTIFICATE AUTHORITY

Trustiness

docker + kubernetes

Resilience & scalable deployments

AI

Early detection & intervention

GATEKEEPER

GATEKEEPER PLATFORM BENEFITS FOR STAKEHOLDERS

Marketplace

Ensuring Data Sovereignty:
A decentralized solution that gives the user full control over their data at any time

Value-based Healthcare Ecosystem:
Full support to the transaction flows in the GATEKEEPER Spaces

Dynamic Consent:
IDSA compliance

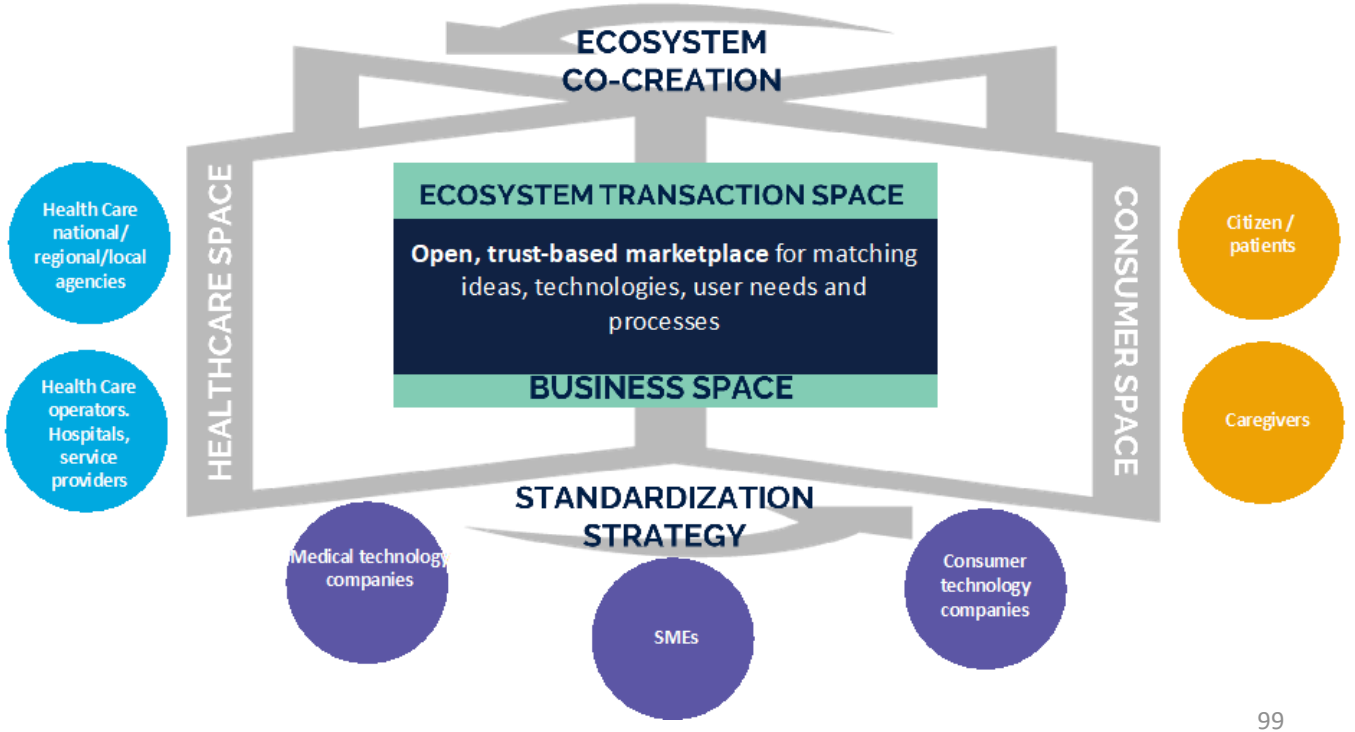
Compliance with Standards:
WoT, FHIR, ISO, Web Accessibility, …

+ Workbench Testing, Datathon Support,

Intelligent Discovery

GATEKEEPER Marketplace

Devices, Apps, Services and Datasets



GATEKEEPER PLATFORM BENEFITS FOR STAKEHOLDERS

Secured Data Sharing and Trusted Transactions

Smart-contract-based auditing:

Actions logged in immutable way (Hyperledger Fabric as core)
Transparency and auditability for conflict resolutions and allowing for billing during Things exchange

Dynamic Consent Mechanism (esp. for datasets)

Things Validation

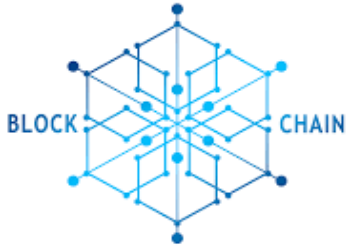
Moderating and publishing content only if compliant with international standards and European regulations (WoT, GDPR, MDR, Web Accessibility Directive, …)

Things Certification

Certification only after successful validation
Blockchain-based (Hyperledger Fabric), Public Key Infrastructure
Organizations in network run own Certificate Authorities

User Management

GATEKEEPER Trust Authority



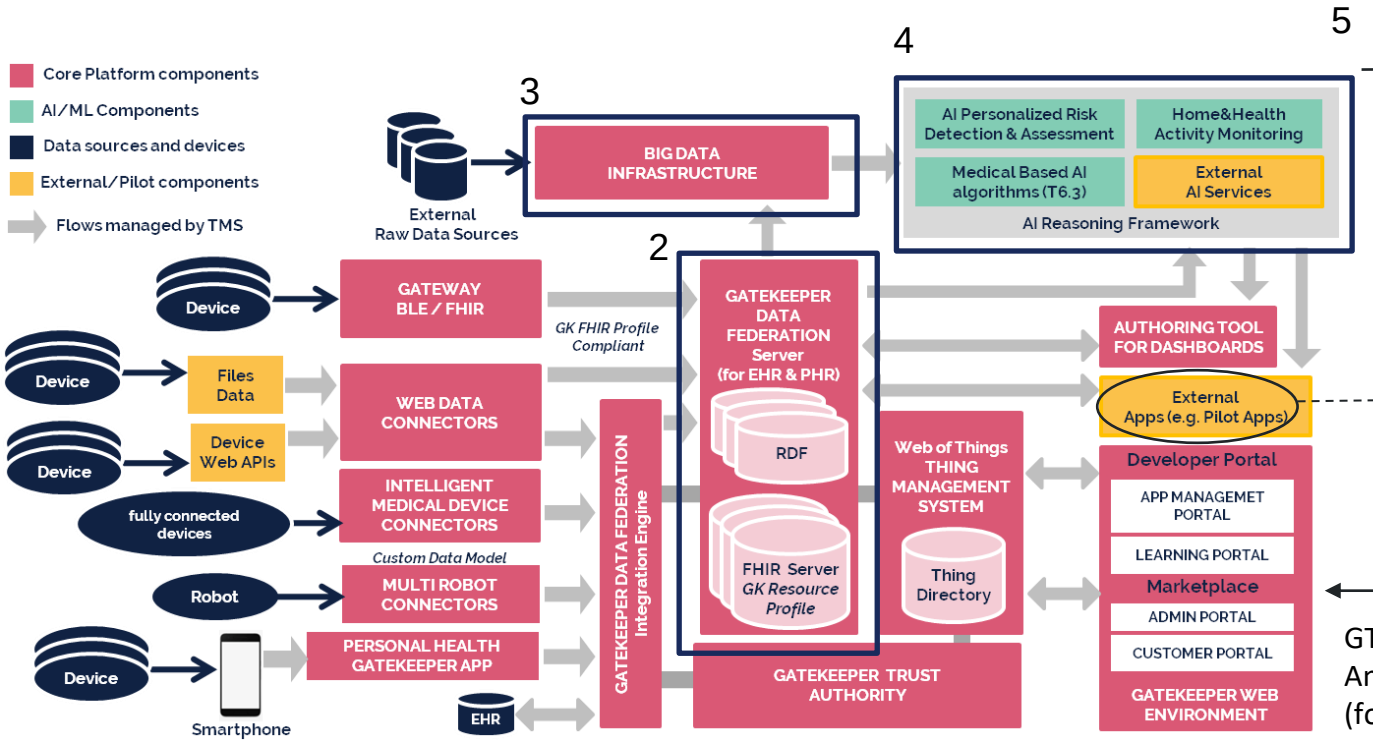
International Data Spaces Association (IDSA) Compliance:

- IDSA Clearing House
- IDSA Dynamic Attribute Provisioning Service

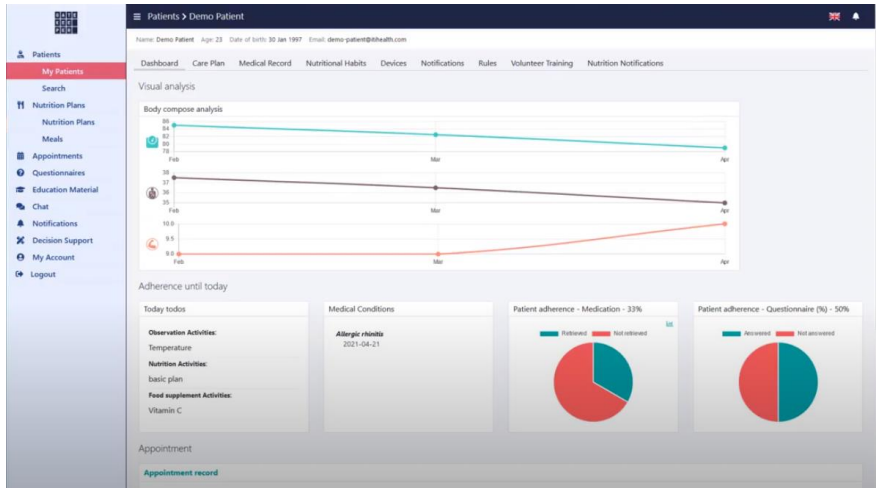
GATEKEEPER PLATFORM BENEFITS FOR STAKEHOLDERS

PlatformUptake.eu

Pilot (GR pilot UC1)



Metabolic Syndrome Web Application (CERTH/ITI)



GTA Anonymisation (for secondary usage)

Patient Devices

Activity tracker: physical activity, sleep, HR

Smart scale: weight, BMI

Cooperation idea

Enter subtitle here

PlatformUptake.eu

Community of Interest
Registration:
https://www.gatekeeper-project.eu/community-of-interest

UPCOMING:
MARKETPLACE
launch
For Consumers,
Healthcare providers,
Healthcare operators,
Tech companies,
Developers

UPCOMING:
Twinnings call launch
May 2022, now preparing scope (pilot site focal topics)

Creation of network effect:
gatekeeper-project.eu

Contacts

Enter subtitle here

PlatformUptake.eu

https://www.gatekeeper-project.eu

Ioanna Drympeta, idrympeta@iti.gr

Konstantinos Votis, kvotis@iti.gr

CENTRE FOR RESEARCH & TECHNOLOGY - HELLAS
Information Technologies Institute

If you want to contact the GATEKEEPER Coordination Team, please send an email to the address below:

coordinator@gatekeeper-project.eu

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PlatformUptake.eu

SoCaTel project. H2020. EC. Coordination. Rovira i Virgili University

SOCATEL
Co-creating for a better life

Blanca Deusdad

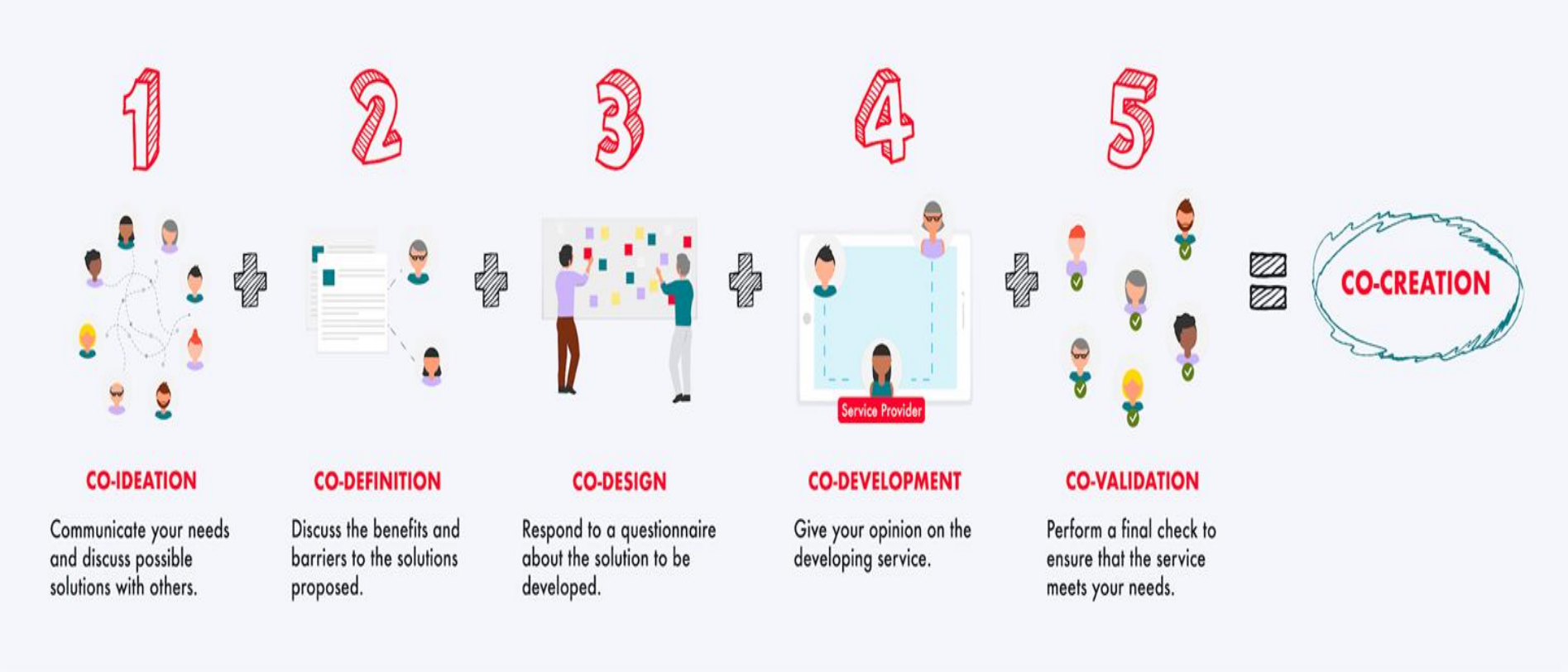
Coordinator SoCaTel project.
Associate Professor. Rovira i Virgili University

This project has received funding from the European Union's Horizon 2020 Research and Innovation Action under Grant Agreement No 875452.

Description of the organisation

SoCaTel: A multi-stakehoders co-creation platform for better access to long-term care services. H2020 project GA 769975

SoCaTel aims at advancing the accessibility, responsiveness, efficiency, transparency and transferability of social and care services through digital co-creation.

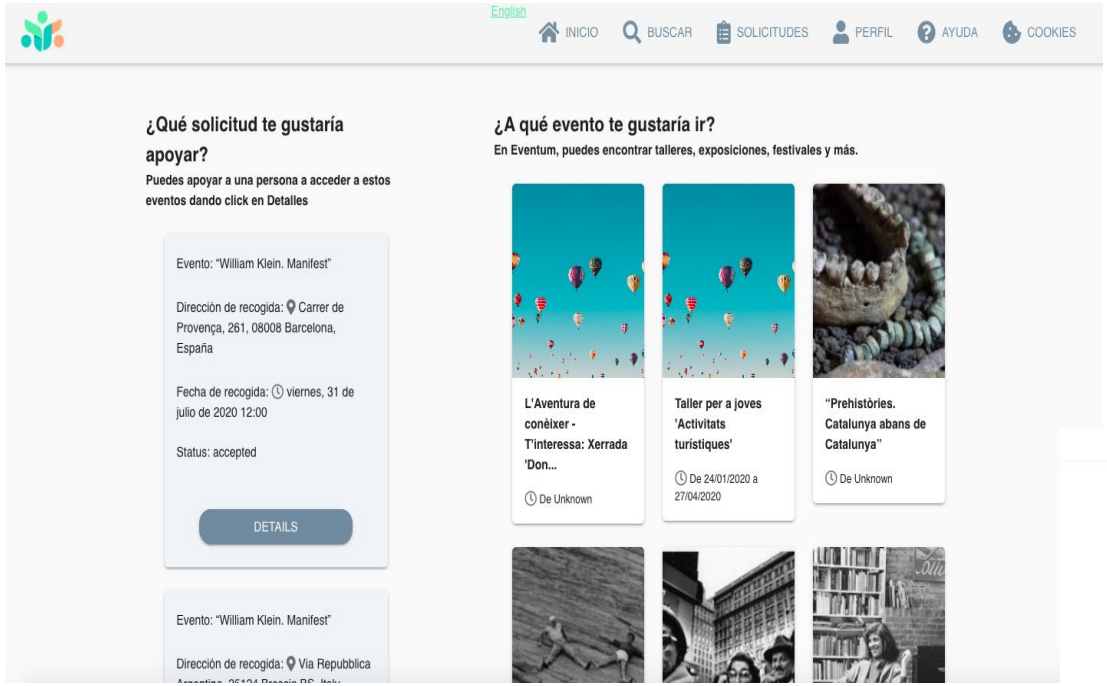


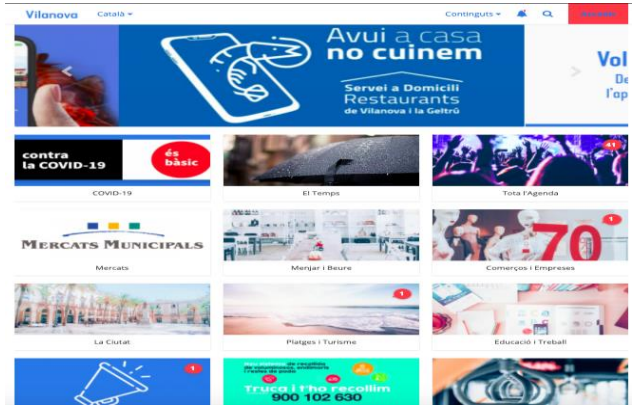
This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant Agreement No 769975

Cooperation idea (if applicable)

SoCaTel Apps

The SoCaTel platform facilitates the co-creation of long-term care services addressing emerging needs and encouraging bottom-up innovation, facilitating integrated care and inclusive living.





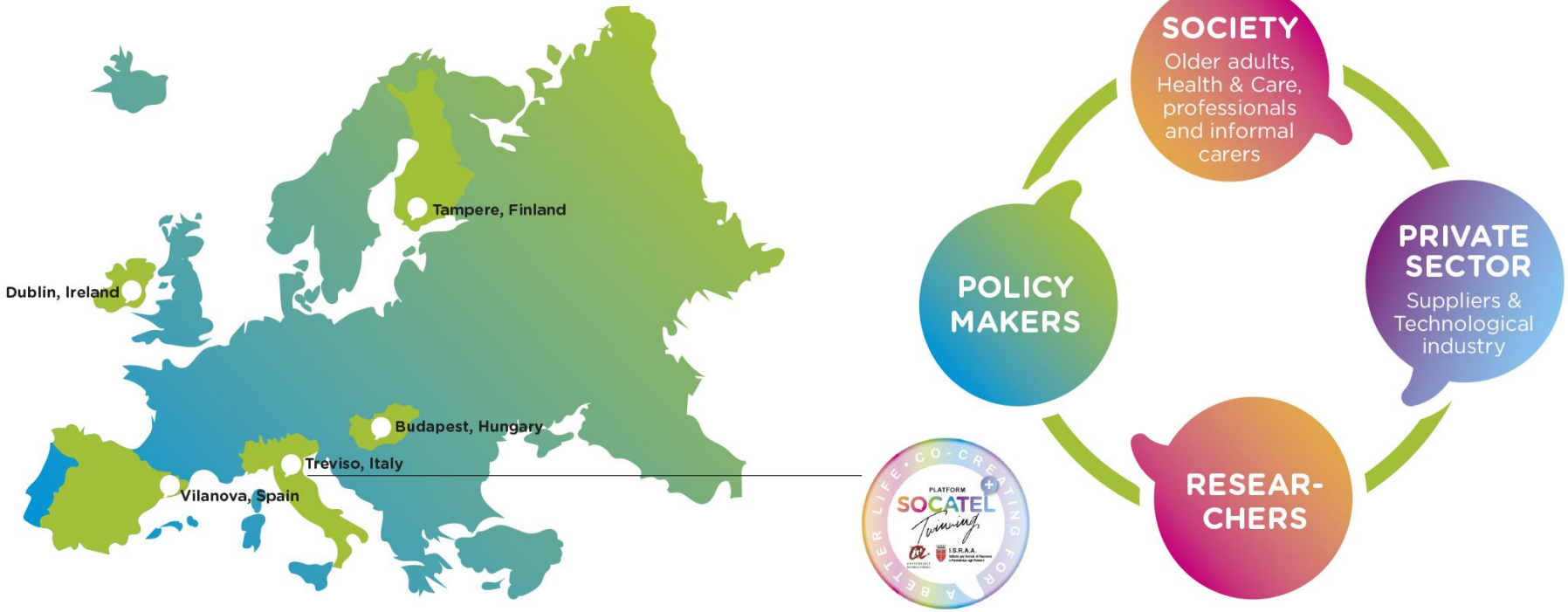
UNIVERSITAT ROVIRA i VIRGILI

Expertise request (if applicable)

Quadruple Helix Approach **(Carayannis & Campbell, 2009)**

We are looking to carry out digital co-creation with the aim of co-creating new digital solutions to overcome any need identified by all stakeholders, such as improving older adults community participation, overcome loneliness or improving integrated care amongst others.

SOCATEL
Co-creating for a better life



UNIVERSITAT ROVIRA i VIRGILI

Expertise offer (if applicable)

SoCaTel leaflet and tools: Open Source

Healthcare and home care, so as to improve fields such as integrated care and ageing-in-place

The benefits of SOCATEL

Inclusive:
involving all stakeholders, especially service users

Cost-efficient:
digital co-creation eliminates the need for travel; targeted services co-created by stakeholders make better use of resources

Open-source and modular:
any organisation can adopt the entire platform or individual modules for free. Licence: APACHE 2.0 - github.com/SoCaTel

Open access:
most of SoCaTel's work process and outcomes are available to the public: www.socatel.eu/category/publications

Compliant with data protection regulations:
SoCaTel protects participants' privacy in full compliance with GDPR:
www.socatel.eu/wp-content/uploads/2020/04/SoCaTel-D7.5.pdf

Is your organisation interested in co-creation and/or the SOCATEL platform? Get started with these resources:

Download the SoCaTel platform: github.com/SoCaTel
Technical support and co-creation facilitator training (fee-based):
- UP2SMART (www.up2smart.com / up2smart@gmail.com),
- CyRIC (www.cyric.eu / info@cyric.eu)
- or Ozwillo (www.ozwillo.com / contact@ozwillo.org).

Companies dedicated to encouraging the uptake of SoCaTel by public administrations across Europe.

Co-creation techniques (D1.3 Co-creation Manual:
www.socatel.eu/wp-content/uploads/2020/10/SoCaTel-D1.3._Co-creation-manual.pdf

Do's and don't's for co-creating on the SoCaTel platform:
www.socatel.eu/wp-content/uploads/2021/06/D6-4.pdf
www.socatel.eu/wp-content/uploads/2021/06/D7.3.pdf

Spread the word about digital co-creation within your networks:
massive open online course: www.socatel.eu/mooc

How to be a digital co-creation facilitator:
www.socatel.eu/moderator-facilitator-2/

UNIVERSITAT ROVIRA i VIRGILI

Contacts

SoCaTel coordination

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Associate Professor
Dep. Anthropology, Philosophy and Social Work
Rovira I Virgili University
SoCaTel project Coordinator

Visit us or contact us at www.socatel.eu

https://www.socatel.eu/leaflets/

https://www.youtube.com/watch?v=-JRdCOoStCw&feature=youtu.be

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant Agreement No 769975

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PlatformUptake.eu

openremote

OpenRemote – The 100% Open Source IoT Device Platform for OEMs

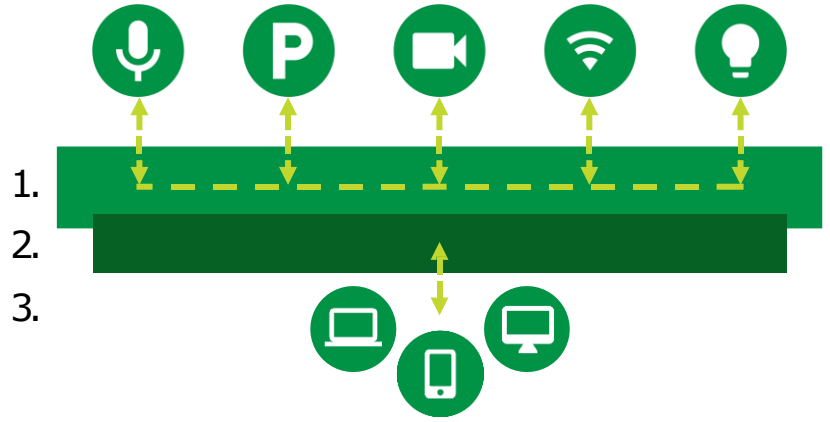
Matchmaking PlatformUptake - January 2022

What we do

1. We let systems talk to each other
   Systems which do not know each other and don't speak the same language

2. We add intelligence
   By reading and writing to devices, we can do smart things

3. We focus on end-users
   Our goal is to make life easier for end-users, with everybody having his own application



Our uniqueness

- We do this 100% open source
  No vendor lock-in, safe and transparent

- Intuitive and complete platform
  Non-technical users can create automation, manage devices, and gain insights

- Full service, proven with credible customers
  Development, design, and project management. Together with the customer.

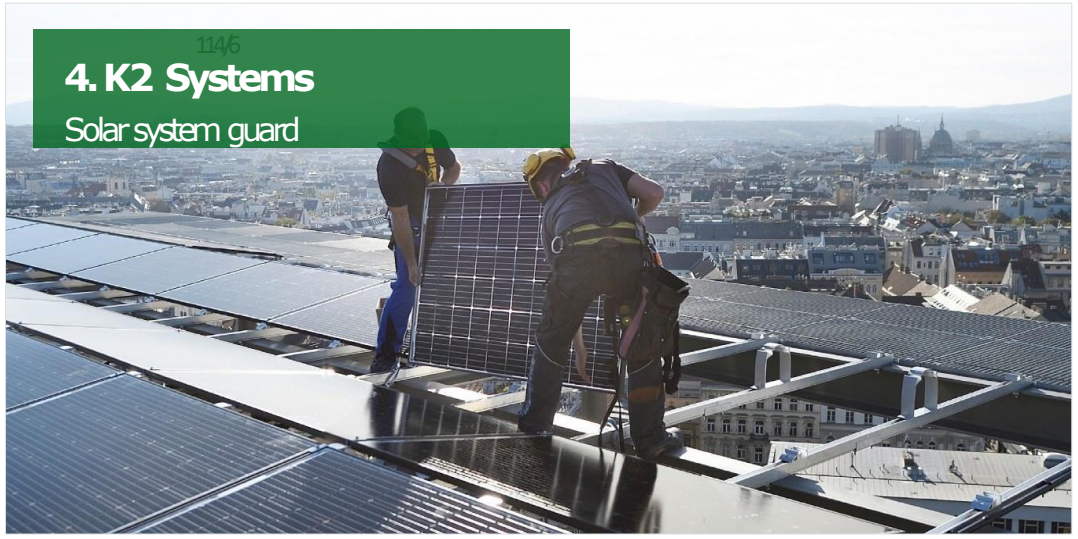
openremote
Creating Meaningful Connections

Reference customers

1. Nottingham City Council
Smart charging city vehicle fleet

2. VolkerWessels
City Data platform

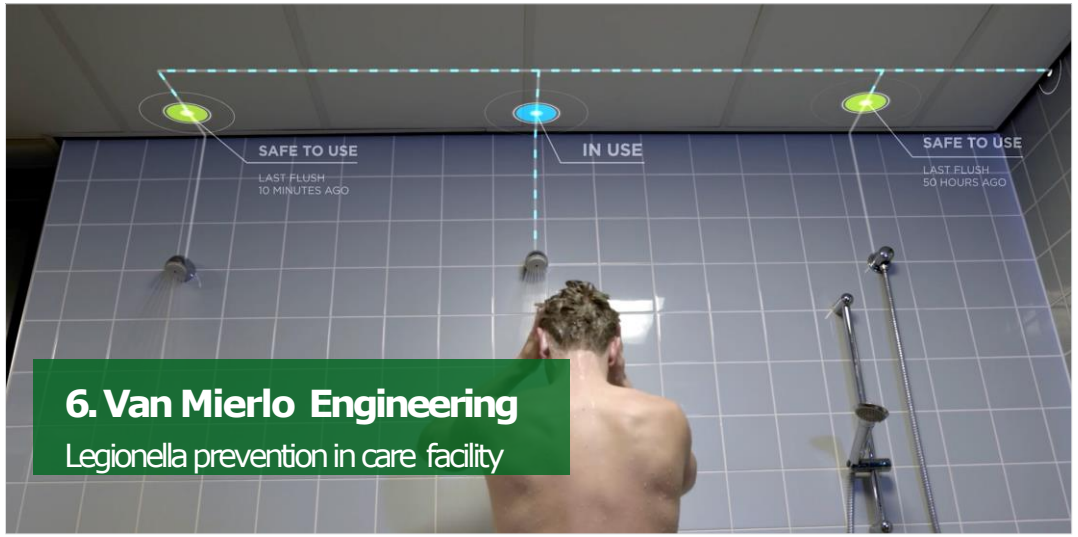
3. Military Police
Schiphol airport border control



4. K2 Systems
Solar system guard

Reference customers

5. Ooma
Home security calling 911



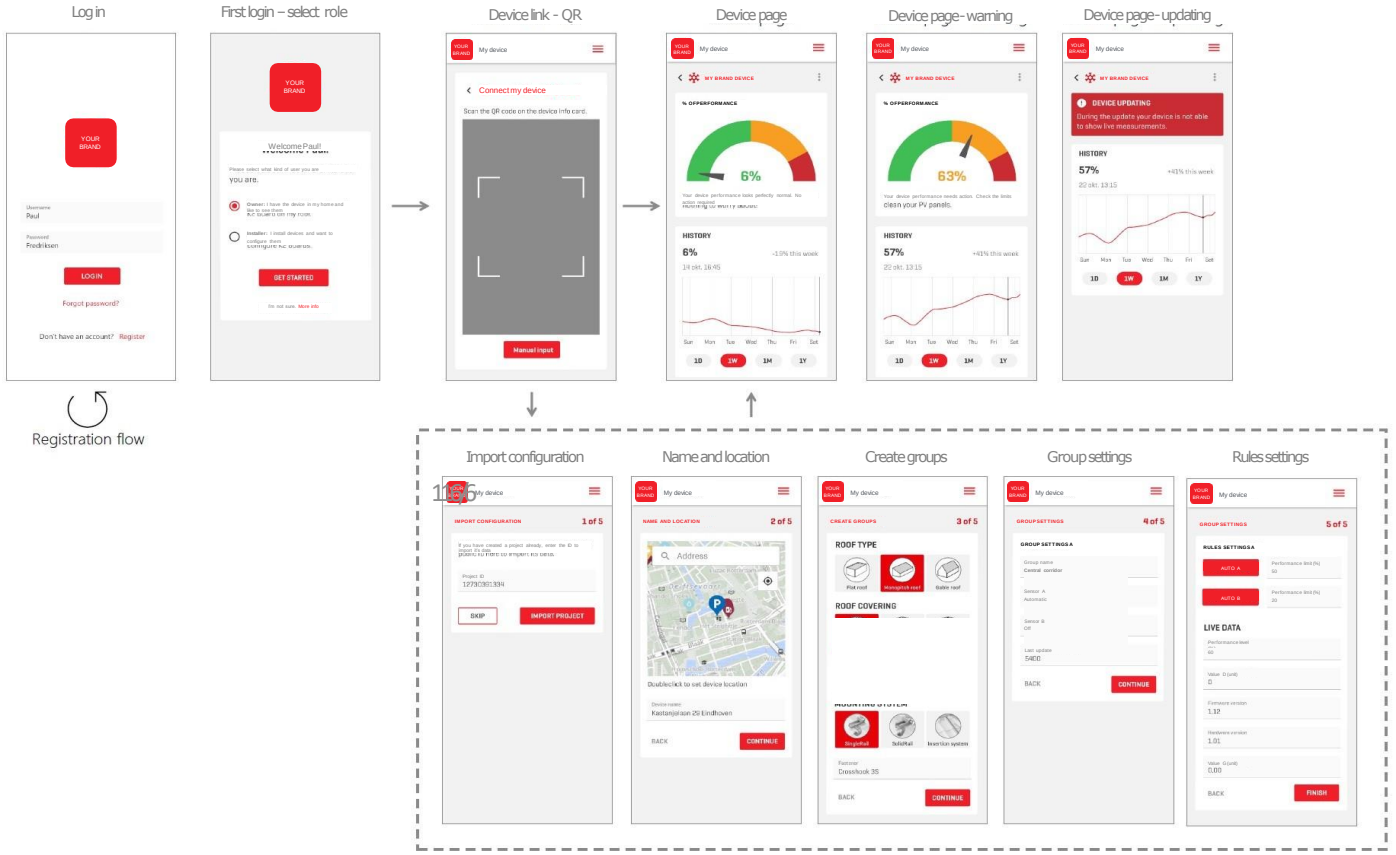
6. Van Mierlo Engineering
Legionella prevention in care facility

7. Unicorn
Home Energy Management

8. Eflow
Charging hubs light electric vehides

Main platform features

1. **Generic asset and attribute model**
   Configure your own asset model for your products or devices to represent them as digital twin
2. **Protocol Agents and Manager APIs**
   Generic protocols and API to connect devices and services, and connect them as assets
3. **Rules and logic**
   Develop your own logic using When-Then rules, Flow editor or Groovy
4. **Auto device provisioning in factory**
   Provision your hardware to automatically register in the platform when powered on at your customer
5. **Your branded customer applications**
   Through a web component library, the iOS and Android consoles you build your own apps
6. **Multiple realms, tenants, restricted users and roles**
   A full account management and identity service for multilayer access for your distributor and end-user
7. **Firmware management**
   Manage firmware rollouts of your products synchronized wit your platform



openremote.io

github.com/openremote/openremote

forum.openremote.io

youtube.com/c/openremotepro

info@openremote.io

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PlatformUptake.eu

E-VITA (EU-Japan Virtual Coach for SmartAging)

Prof. Dr. Lorenz Granrath

Assistant Professor, Tohoku University

This project has received funding from the European Union's Horizon 2020 Research and Innovation Action under Grant Agreement No 875452.

Tohoku University

Established in 1907

Ranked 1st for Education in Japan

The Times Higher Education University Rankings, Japan, 2020

79th in QS Global World Ranking of Universities

Designated National University

One of only 3 in Japan, together with the University of Tokyo and Kyoto University

Administrative staff	5,756
Undergraduates	11,094
Postgraduates	7,704
International students	1,346
10 Faculties, **15** Graduate Schools, **6** Research Institutes	

Tohoku University 'core values'
Research-first
Open-door
Practice-oriented

Ranked 1st ~~in patents~~ in 2019

Notable Alumni
Tanaka Koichi – Nobel Prize in Chemistry 2002
Toyoda Kiichiro – Founder of Toyota Motor Corporation

Tohoku University Hospital, Medical MegabankOrganization / Katahira Campus

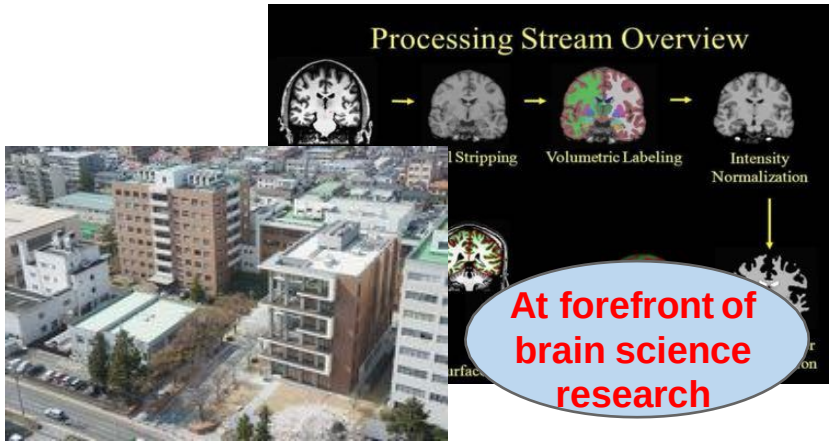
© Tohoku University, Smart Aging research Center

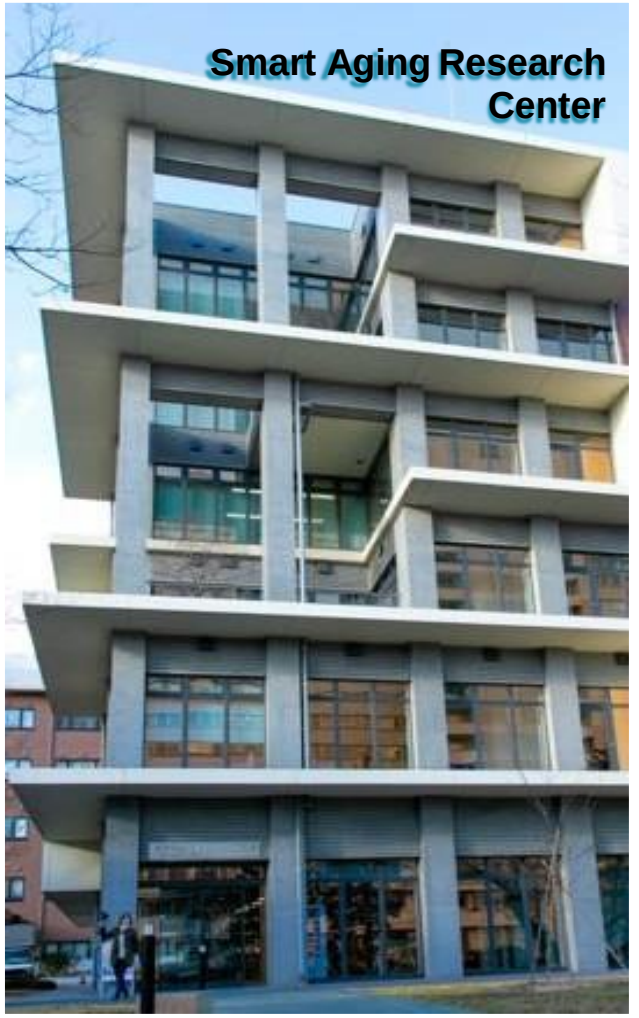
Institute of Development, Aging and Cancer IDAC (&SARC)

Highlights through IDAC's history	
1941	Established at Tohoku Imperial Universit, with a research focus on TB
1993	Became the Institute of Aging Medicine
2006	Pursuing the research goal of "**Smart Aging**"
2010	Certified as an "Aging Medicine Research Center" by Ministry of Education, Culture, Sports and Technology
2011	Completion of the Smart Aging Research Center Building
2017	Creation of **Smart Aging Research Center (SAIRC)** within IDAC

"***One of the most distinguished research institutes*** *in the world for brain imaging, with advanced imaging facilities and large-scale brain databases*"

Major Research Divisions and Centers	
Aging Science	Cancer Science
Brain Science	Cognitive Science
Cell Resource Center for Biological Research	
Pre-Clinical Research Center	
Environmental Response Center	
>> **27 departments**	





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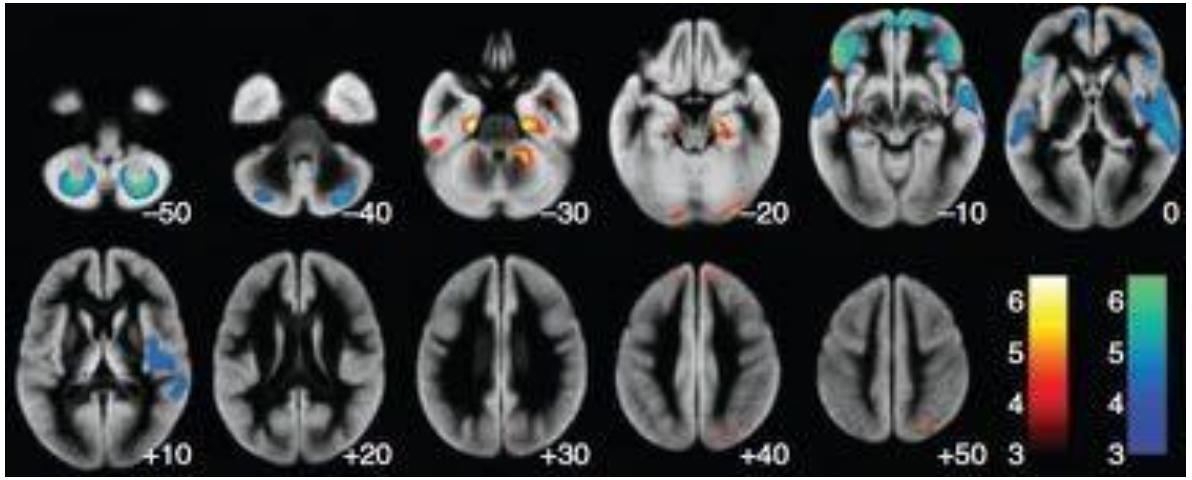
SARC competence: human brain study, fightdementia

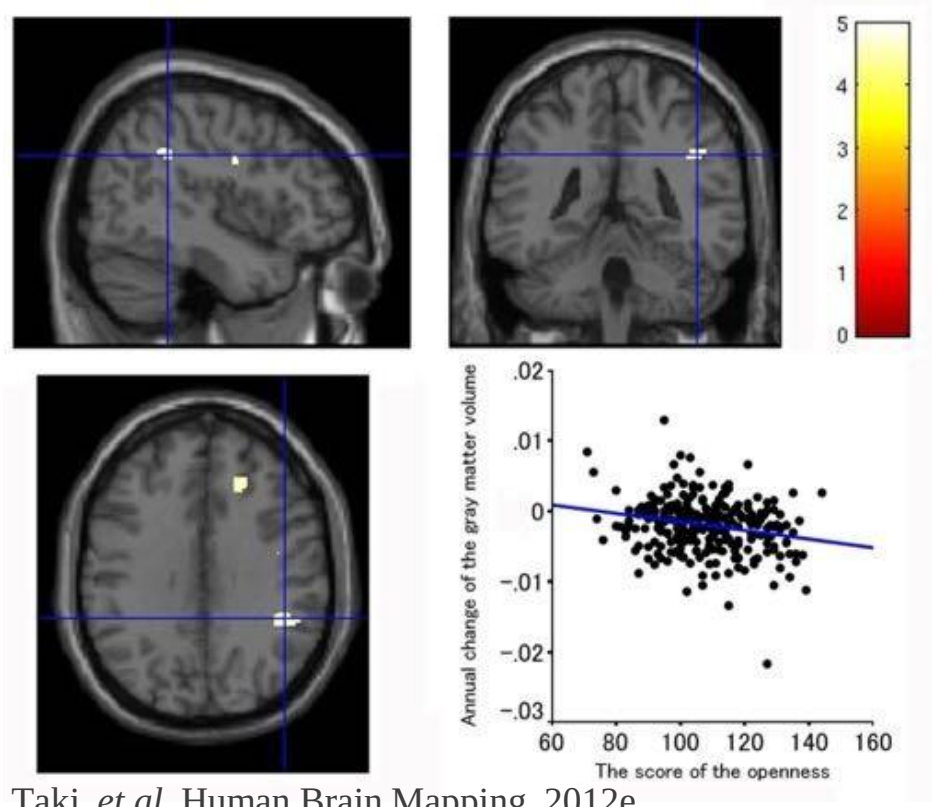
We have revealed how the human brain ages and **what factors affect brain aging**.

Correlation between gray matter volume and **body mass index**



Taki *et al.*, Obesity, 2008

Correlation between gray matter volume and **intellectual curiosity**



Taki, *et al*, Human Brain Mapping, 2012e

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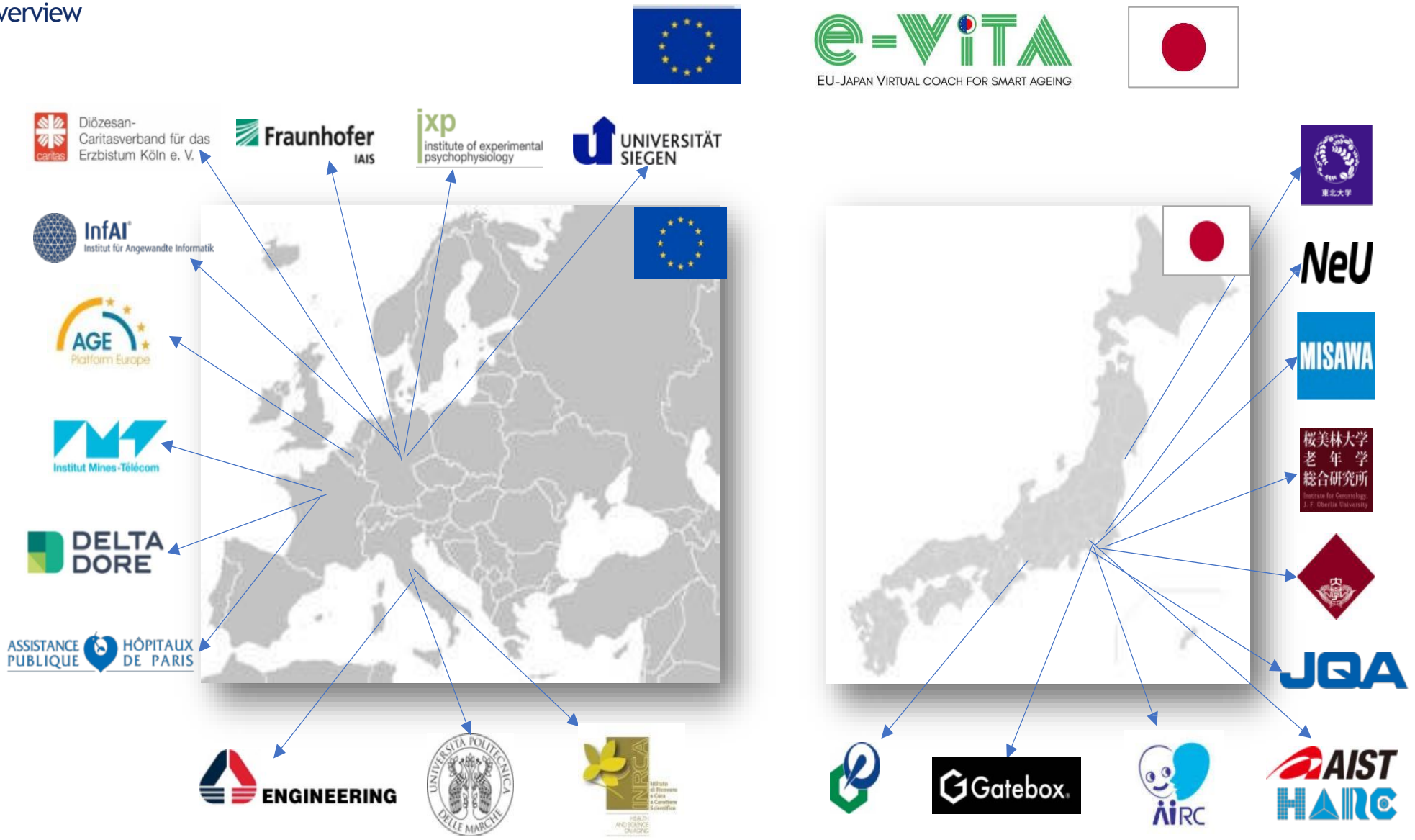
e-VITA EU-Japan Virtual Coach for Smart Aging

Partner Overview



Project Objectives

Objective 1: *Develop a **set of standards and norms for interoperability** of advanced IoT, NLP and AI based smart living technology in Europe and Japan*

Objective 2: *Develop an **advanced intercultural virtual coach** with seamless integration of smart living technologies, advanced AI and tailored dialogue interaction*

Objective 3: *Enable smart living support and **tailored AHA interventions** for physical, cognitive, emotional, and social wellbeing of older adults in real-life settings in Europe & Japan*

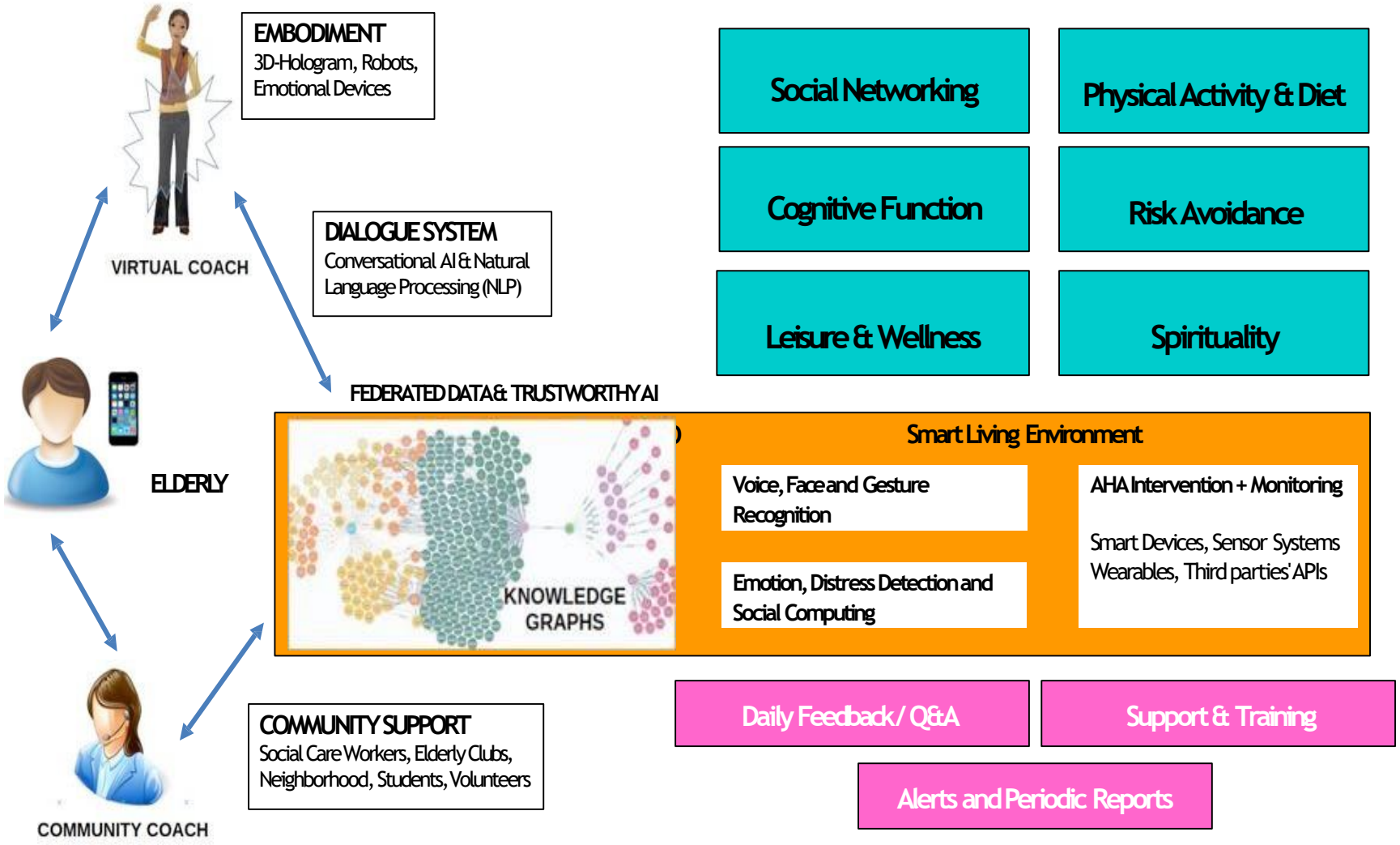
Objective 4: *Propose and design **practice-based ICT tools** to empower older adults to experience ageing as a positive process and meaningful period of life*

Objective 5: *Conduct a **proof of concept study** to assess user acceptance in real-life environments from different countries and cultural backgrounds (EU/JP)*

Objective 6: *Explore the feasibility of a **new ecosystem for disruptive innovations** of AHA coaching and incubation of SMEs and NGOs in Europe and Japan*

System Overview

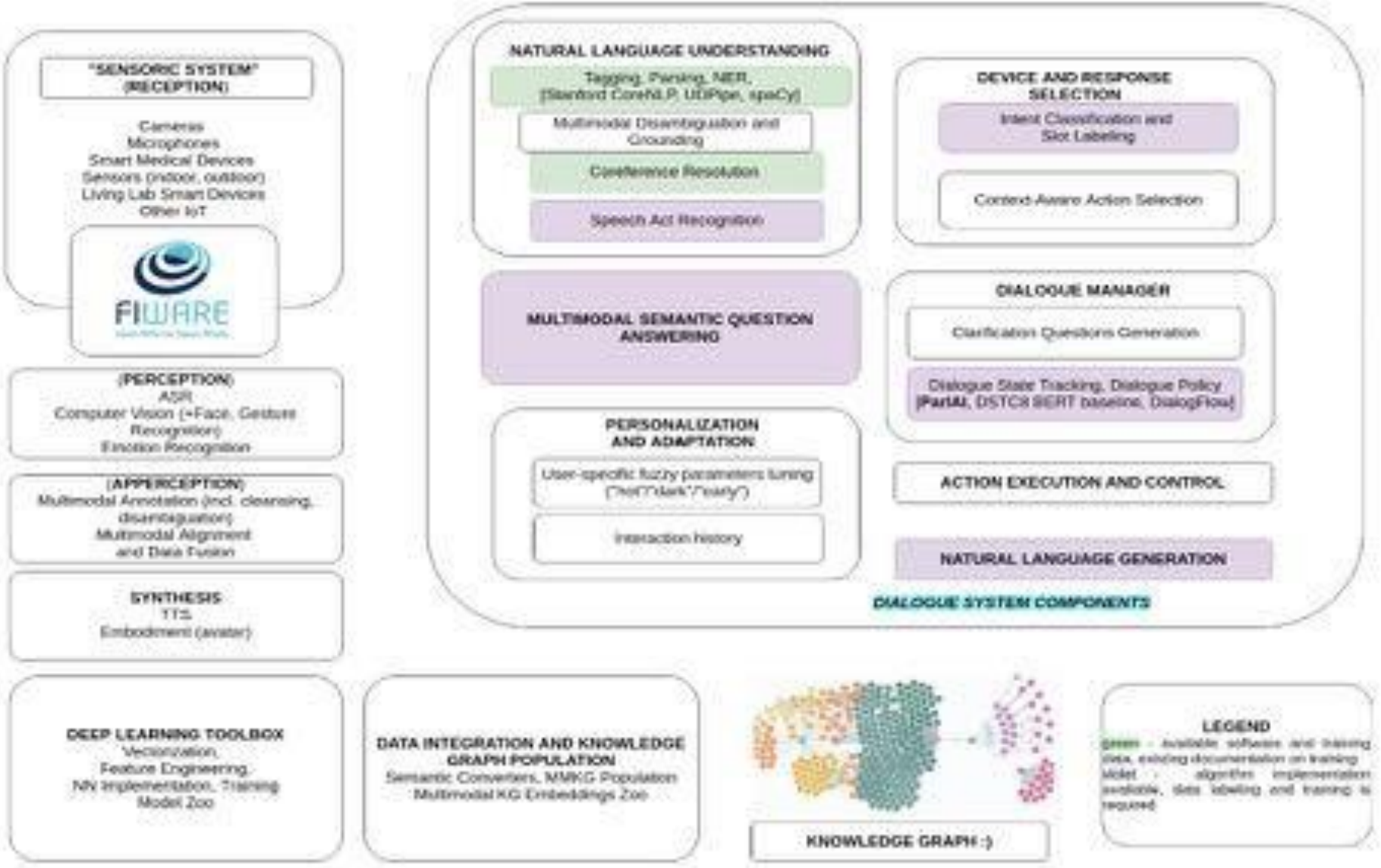
Socio-Informatics System



Smart and Natural Interaction

EU-JAPAN VIRTUAL COACH FOR SMART AGEING

Knowledge graphs, Conversational AI & Machine Learning

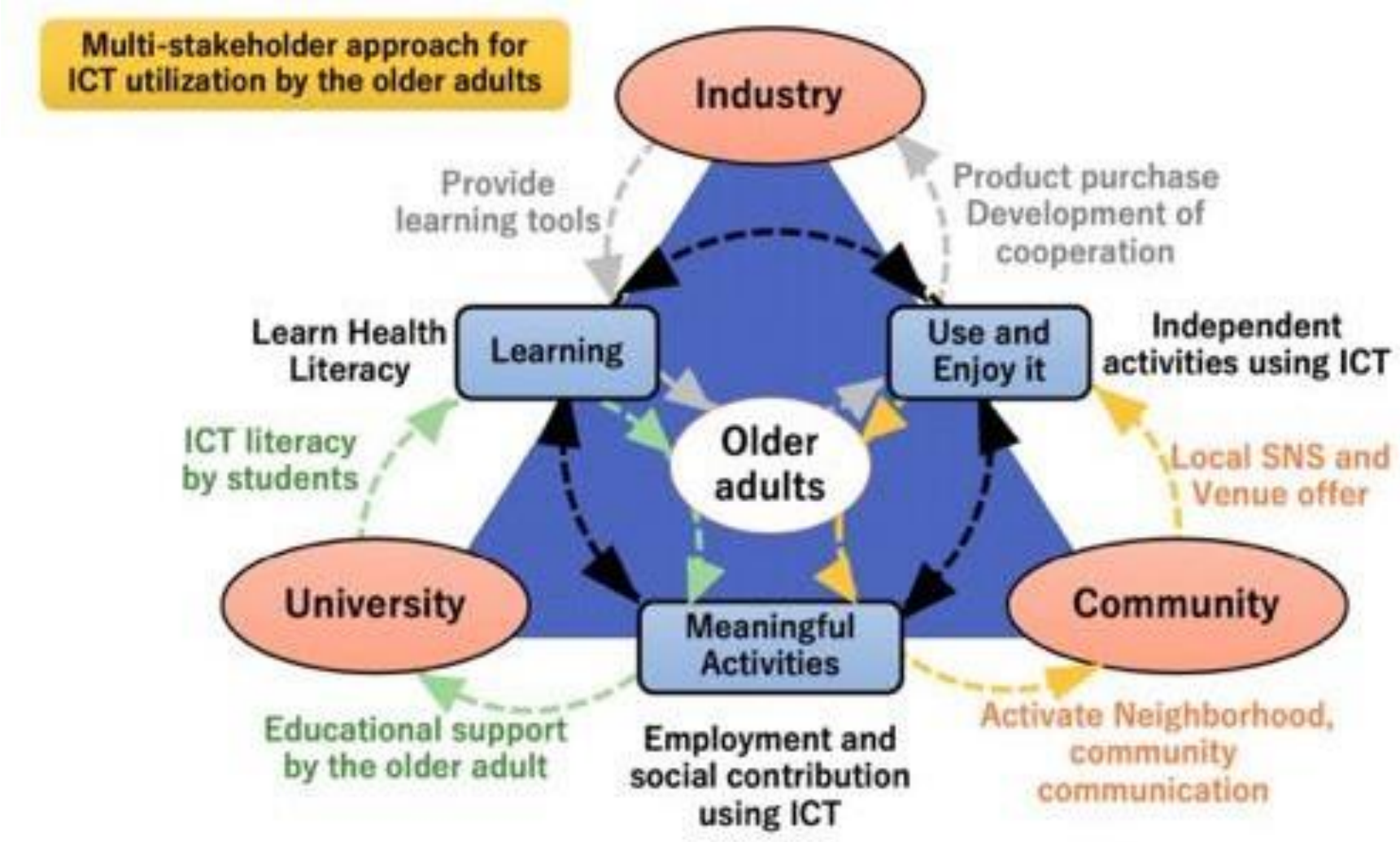


Intelligent Devices

Shape of the assistant

Social Engagement

Local actors and communities



Project Impact

Societies, science, industry and health

- Independent living, and improved quality of life of older persons compared to the current State of the Art
- Usefulness and effectiveness of personalized recommendations and follow-up in terms of goals of preserving physical, cognitive, mental and social wellbeing for as long as possible
- Evidence of user-centred design and innovation, effective ways of human computer interaction, and user acceptance
- Fostering social participation and reducing social exclusion's risks of older adults
- Validation of non-obtrusive technology for physical, cognitive, social and mental wellbeing
- Strengthened international cooperation in research and innovation on Smart Living for AHA

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PlatformUptake.eu

SMARTBEAR project

Eleftheria Vellidou

WP13 leader on dissemination and exploitation

This project has received funding from the European Union's Horizon 2020 Research and Innovation Action under Grant Agreement No 875452.

Description of the organisation

Enter subtitle here

SMART BEAR project will deliver a solution offering:

– Continuous and objective monitoring and interventions for precise and personalised medicine towards optimising disease and associated risks' management

– Measurable improvements to the Quality of Life of the elderly and their ability to live independently

The **SMART BEAR** solution will

– Integrate off-the-shelf smart consumer and medical devices to provide a Connected Health environment,

– Provide an affordable, user-friendly, and accountably secure and privacy-preserving service to the elderly, and

– Increase the efficiency of healthcare delivery and reduce resource waste

Cooperation idea (if applicable)

Enter subtitle here

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Digital tools hold promise for many health benefits that can enhance the independent living and well-being of the elderly. Yet, their use is often perceived to have technological and privacy risks.

We are interested in cooperating with organisations developing and providing digitals tools targeting the domain of independent living or mitigating privacy and data security risks due to increased connectivity

SMARTBEAR

Expertise request (if applicable)

Enter subtitle here

Software and application development notably from European based SMEs is in SMARTBEAR's main interest.
An open call will be organised and be put forward with detailed requirements targeting the SME market active in independent living domain and beyond, as part of the project's valorisation plan.

Expertise offer (if applicable)

Enter subtitle here

SMARTBEAR stands for Smart Big Data Platform to offer Evidence Based Personnalised support for Health and Independent Living at home.
The consortium consists from 27 participants across Europe, is lead by ICAR /CNR – Italy and it will offer its services to more than 5.000 patients in various sites.

Contacts

Enter subtitle here

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Hassisto
Ehealth platforms

Pier Giuseppe Meo

CMO

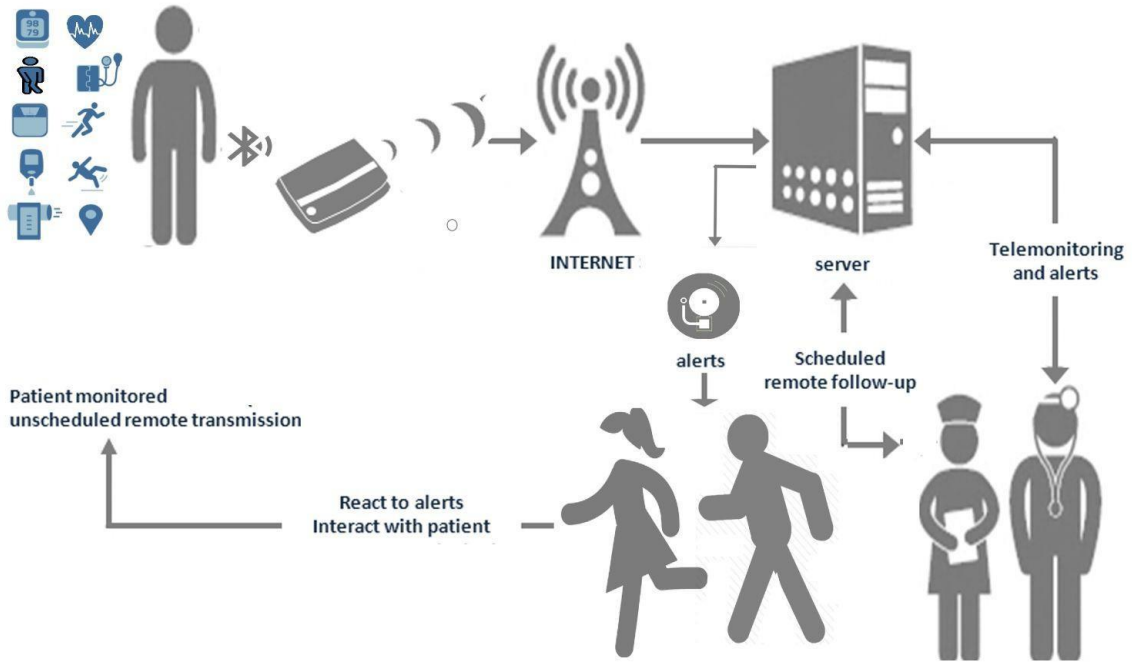
This project has received funding from the European Union's Horizon 2020 Research and Innovation Action under Grant Agreement No 875452.

Hassisto - ehealth platforms

Taking e-care of us

Healthcare ehealth domestic modular systems for telemonitoring & telemedicine

We act as system integrator to give solutions that best fits customers requirements, integrating and valorizing their previous investments



Hassisto Monitoring System

COVID has exploded the need of **new model of assistance**: no more based on few centralized hospital but instead made of several distributed territorial interconnected points of care.

It requires **new organization models** supported by **tech solutions** to be used also by not skilled people.

Hassisto

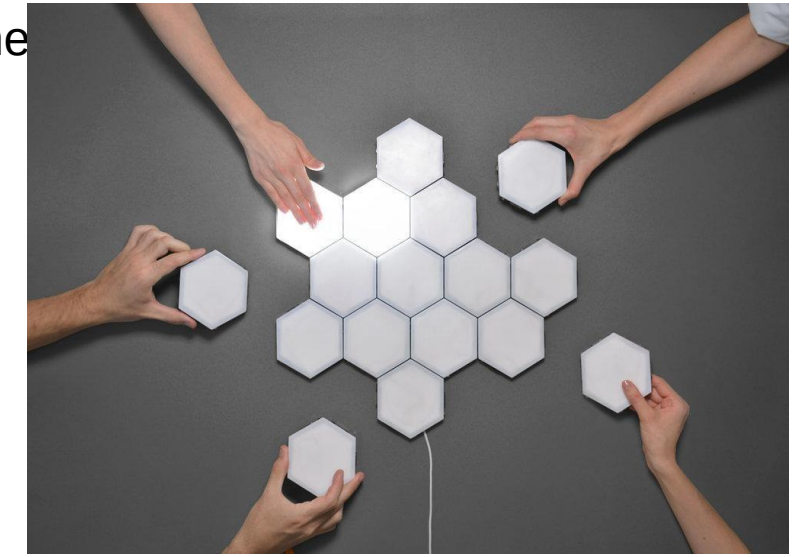
Partnerships eHealth companies

From device producers to clinical software houses

We are interested in integrated care, independent and connected living.
We don't reinvent the wheel we want to integrate in our solutions existing on market systems and devices

Architecture requirements

Modular, we are buiilding platforme with the aim to quickly add more features to
pre existing thirty parties platforms, no need to dismiss previous investments.



MODULES

- Telemonitoring
- Telemedicine
- Rehabilitation
- Treatments
- Clinical intervention diary
- Activity Planner
- Reminders
- Team care sharable infos

in progress

- pill dispenser/ hydratation
- emergency management

Multilingual, to better involve home foreign caregivers

Hassisto

Expertise offer

Senior professionals

We are an italian spinoff of the National Council of Research CNR with seniors expertise in public health management , european R&D funds, software/app development

Magliulo M.	Meo P.G.	Orlando A.	Palma G.	Soscia E.
Engineer CNR Researcher e-Health, data security	Engineer Entrepreneur IT Platform engineering	Economist CNR Researcher Cyber insurance,finance	Physicist CNR Researcher AI Processing and analysis	Doctor CNR Researcher Clinic and diagnostics

Hassisto is financed by

Certified ISO 9001

Hassisto

Expertise request

Enter subtitle here

Existing just on market software that want to add new home telemonitoring capabilities or that can be used as subsystem of a more complex platform
implementation of digital solutions for active and healthy ageing and multichronic diseases

Partnerships

- solution producers that want to sell in Italy with a local skilled support
- commercial to expand Hassisto in nations, or interested to distribute their solutions in Italy
- technical to quickly improve features

Offering:

- **MARKET KNOWLEDGE**
- **EXPERIENCE**
- **CONCRETE RESULTS**

Hassisto

Contacts

Join us!

eHealth platforms

www.hassisto.com

info@hassisto.com

Hassisto

Hassisto - ehealth platforms

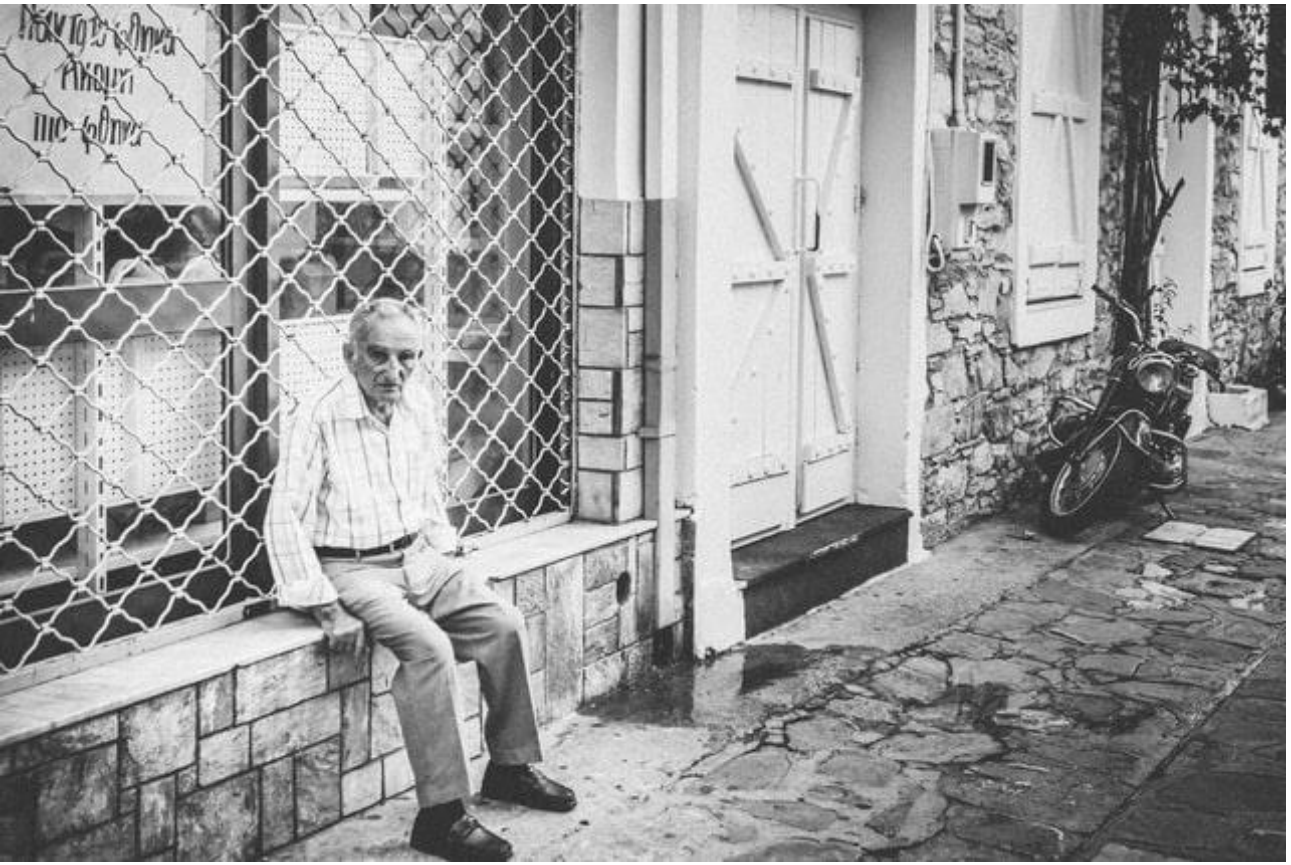
Taking e-care of us

SOFTWARE PLATFORMS
NUMBERSAGAIN, LDA.

Author: Pedro Cravo

Managing Director / Numbersagain, Lda.

Today, the 55+ are the 35 of the last century.



Ageism and outdated social norms have resulted in isolated and marginalized older adults in both rural and urban communities.

Mobility and Movement

Remaining safe and mobile are top priorities for older adults.

Financial Wellness

Traditional models of work and retirement have not kept pace.

Daily Living and Lifestyle

Preference to “age in place”
33% of 65+ need assistance with at least 1 activity of daily living.

Care Coordination

Complex & Fragmented
66% with >= 2 chronic conditions.

Brain Health

Alzheimer’s disease – 33% over 85+

End of Life

25% of Health Budget spend
at the last year of life.

Informal & Formal Caregivers

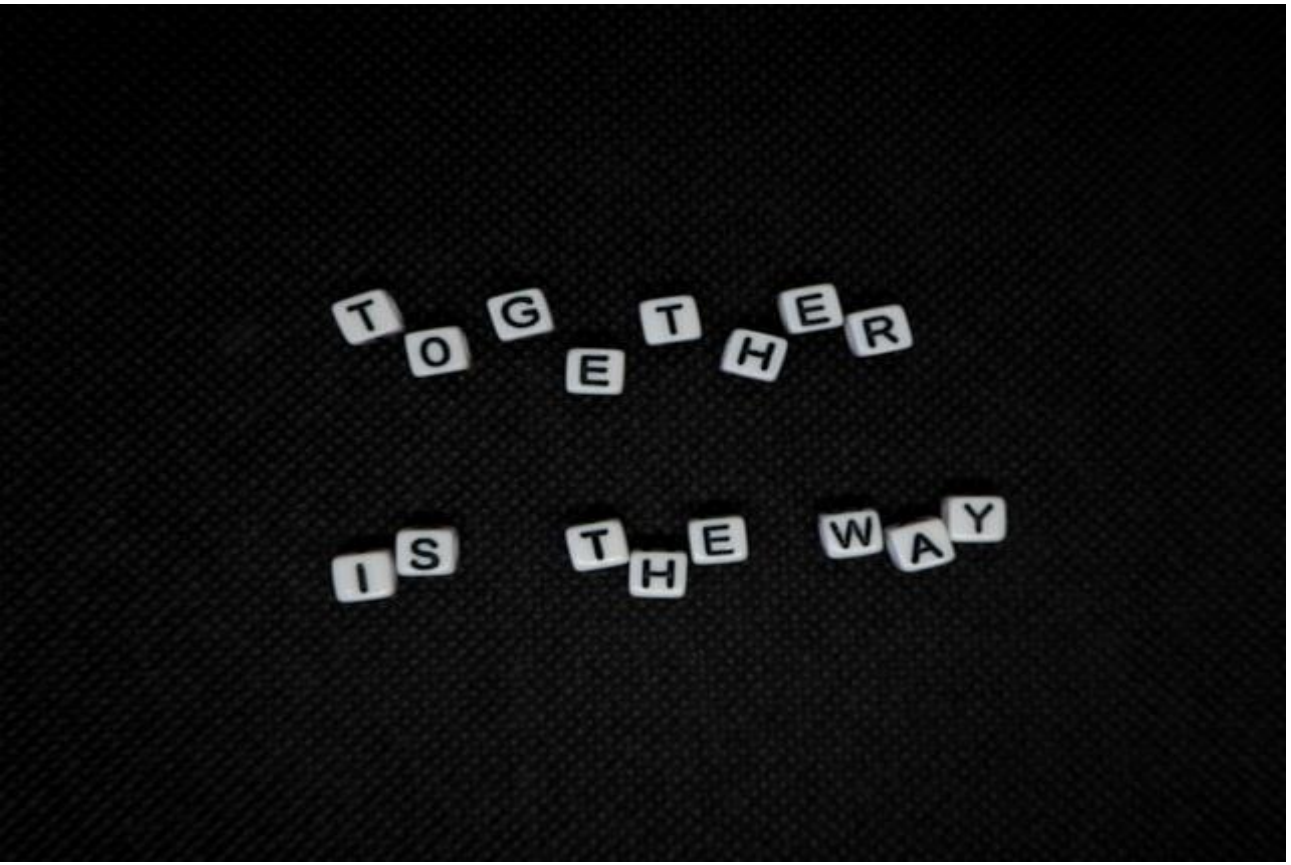
Are increasingly caring higher levels of acuity and complex conditions.

Family caregivers

Who are often juggling other family and work responsibilities and
living remote from the care recipient.

Professional Caregivers

Staff shortages and quality concerns.



Population aging is the 21st century's dominant demographic phenomenon.

The business ecosystem is the network of organizations - including all stakeholders - involved in the delivery of a specific product or service through both competition and cooperation.

Who are We!

A Portuguese SME based in Lisbon - Portugal, operating in the ICT market since is foundation in 2013.

We have the Smart Software Platforms at the core of all that we do.

Our main goal is finding ways of using technology
that will help build a better tomorrow for everyone, everywhere.

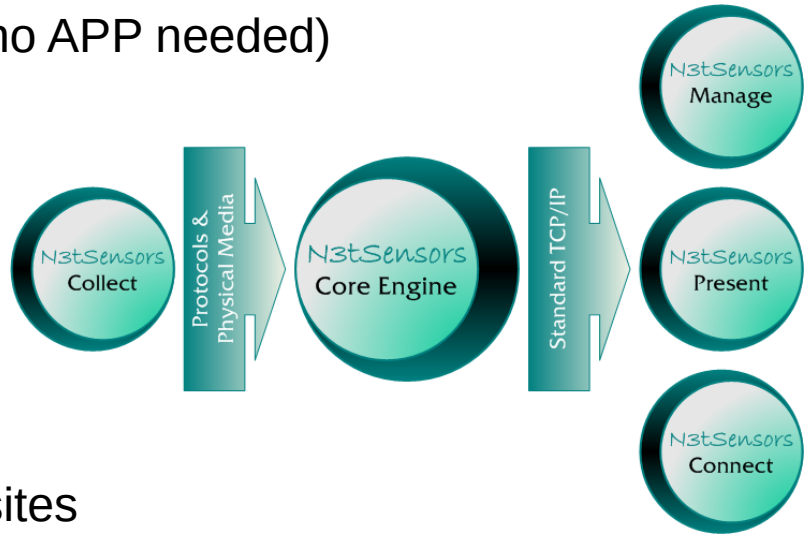
Our platforms have a wide range of features that were created with an aim to help live differently.

N3tSensors Health Platform – The Competitive Edge

Manufacturers Independence

Simultaneous Multilingual

Access thru Secure Browser (no APP needed)



Unified Information

"Middleware Platform"

Connections & Gateways

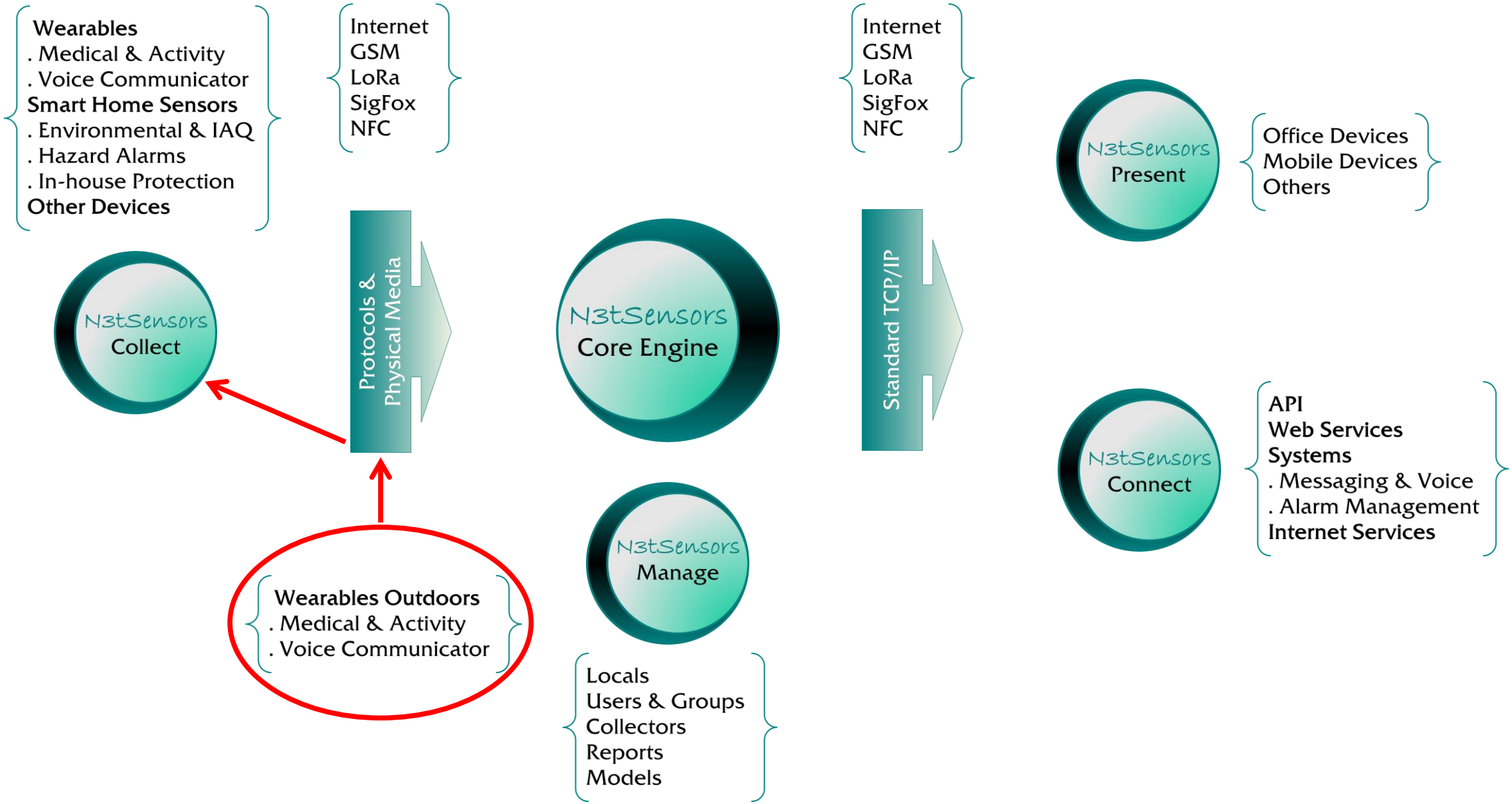
Corporate Environment / Remote sites

External & Remote Replication

Vertical & Horizontal Scalability

Seamless integration

N3tSensors Health Platform – How it Works



N3tSensors Health Platform – In Summary ...

Performs as Standalone Platform and/or as Middleware Platform

Low IT Literacy

Collects Data from Devices at Indoor & Outdoor Locations

Improves Information Distribution to Careguivers and 1st Responder Groups

Enables the quick Home Re-entry and Reduces Healthcare Facilities Occupation

Contacts

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Hippocrates Technologies

Marco Foschiano

CEO

This project has received funding from the European Union's Horizon 2020 Research and Innovation Action under Grant Agreement No 875452.

The Digital Health Lab Company

https://www.hippocratestech.com

Hippocrates Tech is a startup specializing in digital health development tools for mobile and cloud-based solutions.

Our open TheraForge software development kit (SDK) and BaaS platform is a rapid application development (RAD) solution for advanced offline-first server-less mobile and web-based eHealth solutions.

In particular, our SDK and cloud platform are geared toward implementing cloud-based TeleCare/TeleHealth solutions that support 100% remote doctor-patient consultations and care plan management (especially critical during epidemics such as COVID-19 and influenza, for the safety of both the patient and the doctor).

It can also be employed to implement large-scale medical research/telehealth apps for health condition monitoring and reporting (essential in the aftermath of an epidemic for large-scale retrospective epidemiological studies or patient monitoring).

HIPPOCRATES TECHNOLOGIES

Integrated/Virtual/Connected Care

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We are looking for cooperation opportunities in integrated/virtual/connected care and in the areas of healthy living and digital therapeutics (DTx).

HIPPOCRATES TECHNOLOGIES

Expertise request/Expertise offer

PlatformUptake.eu

We are looking for cooperation opportunities in any of the following areas: investment, software & app development, implementation of digital solutions for active and healthy ageing, upscale of digital solutions for older people…

HIPPOCRATES TECHNOLOGIES

Contacts

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Questions & Answers

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Thank you for your participation!

Contact us, get involved, stay updated:

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