



HopeCare

Health without
barriers

Agenda

1. About us
2. Product
3. What make us different
4. The Future
5. Appendix





1. About us

Hope Care purpose is to deliver a disruptive technology for healthcare providers that leads to better clinical outcomes with a social impact for citizens.

Hope Care is a Tech Enabler

We are **NOT** the Health Provider

We are an **Enabler Platform** that allows link Doctors and Chronic Patients@Home for a better care.

We develop Software, not Hardware

References and Certifications



Proven cases at national and international level



Recognized by INFARMED and Health Regulatory Authority



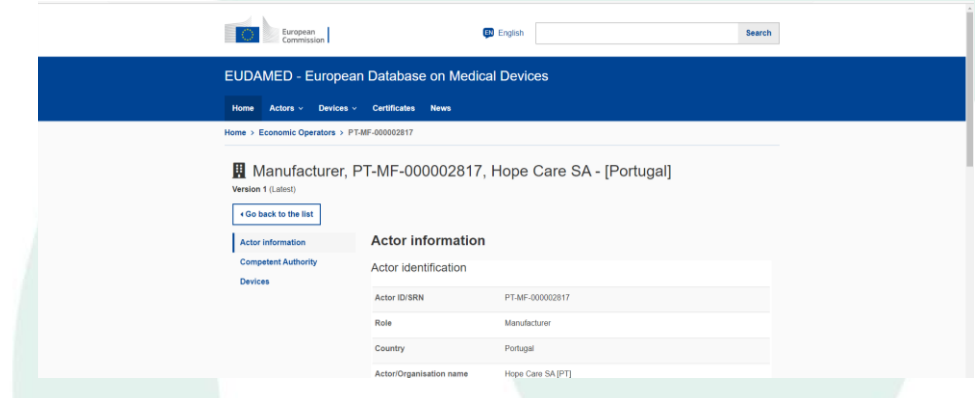
EUDAMED Registered and in process of certification as Medical Equipment Class IIb- Phase 2 completed.



Microsoft Preferred Solution



Proprietary Digital Health Solution



Certidão de Registo

Nº DE REGISTO DO ESTABELECIMENTO
E133957



CERTIFICADO N.º 050/DM/2019/V01/2019

O Conselho Administração da Entidade Reguladora da Saúde certifica que a entidade Hope Care, S.A., com sede/ domicílio fiscal na morada Parque Tecnológico de Óbidos, Rua da Criatividade, Edifícios Centrais, N/A - , 2510-216 Óbidos, está inscrita como prestador de cuidados de saúde desde o dia 23 de Janeiro de 2017.

Nos termos do disposto no Decreto-Lei n.º 145/2009, de 17 de junho, e na Deliberação n.º 518/2010 de 03 de março, presente certifica a Diretora da Direção de Inspeção e Licenciamentos do INFARMED, I.P. a regularidade da apresentação da notificação para o exercício da atividade de FABRICO de dispositivos médicos realizada por HOPE CARE S.A., NIPC510108288.



BASEL
AREA 
MORE TO *DISCOVER*

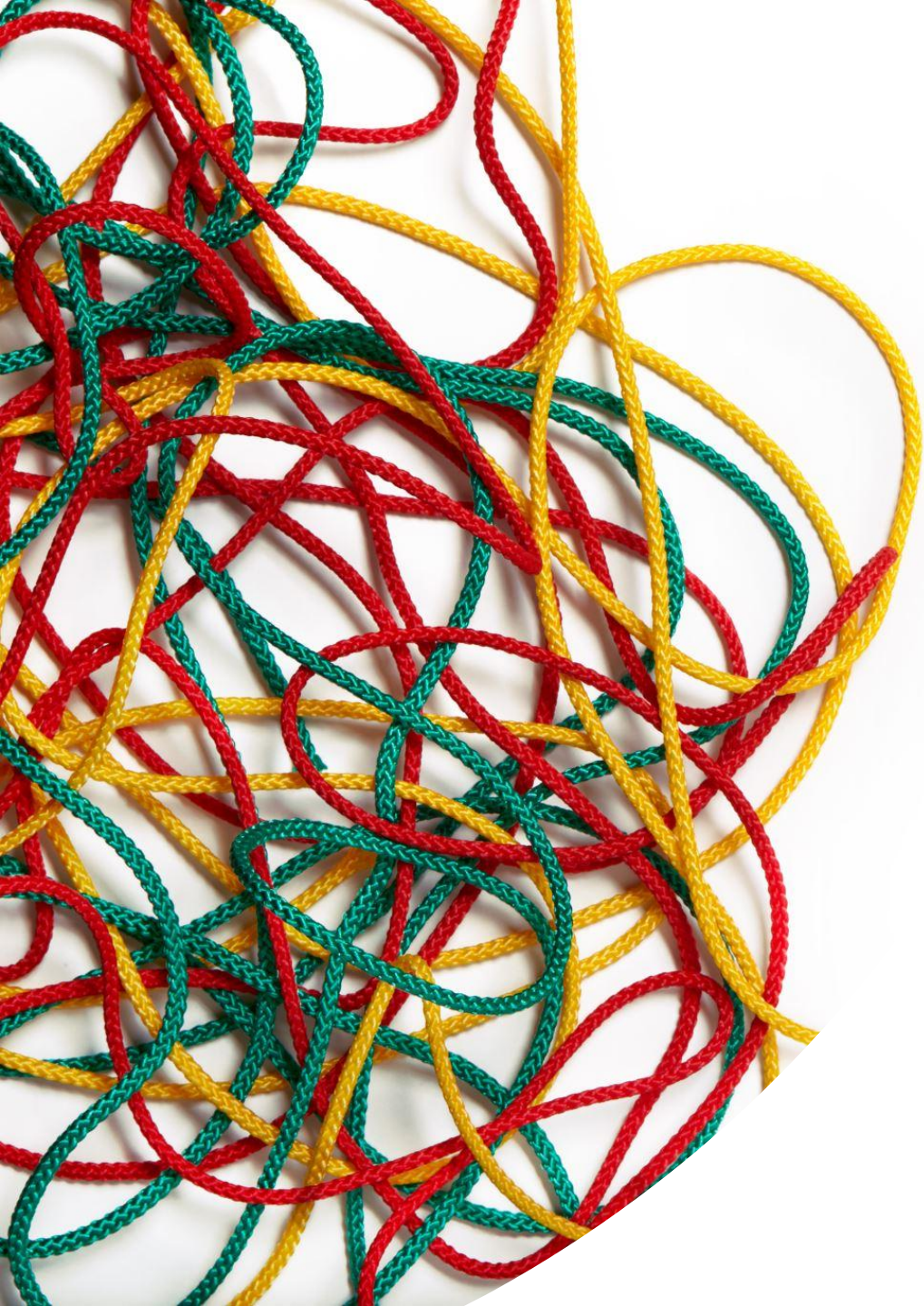


DAY ONE

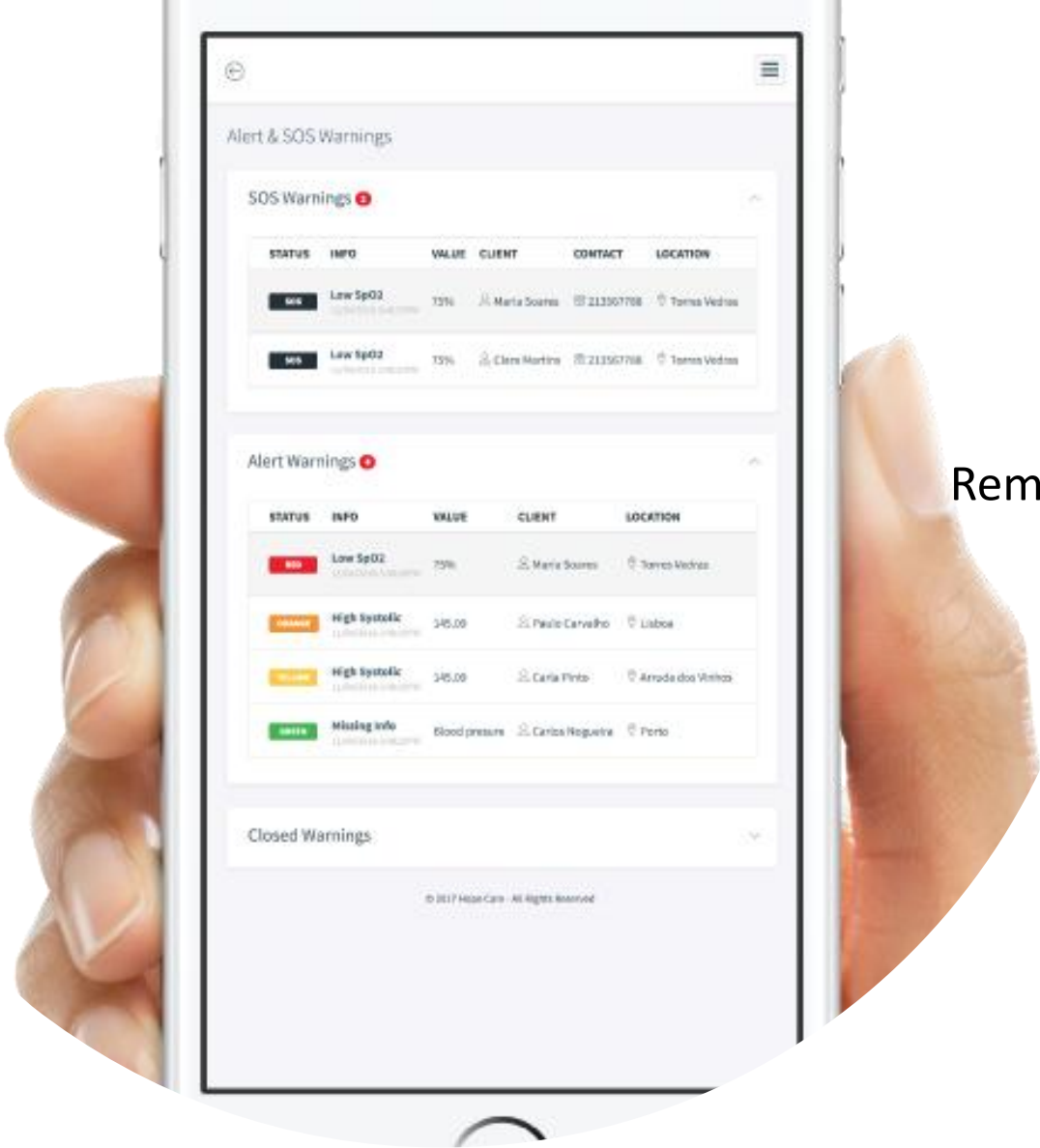


Digital Health Accelerator 2022 Winners revealed!





2 . Product



HCAAlert

HCAAlert is an innovative cloud based proven platform applied to Remote Patient Monitoring Triage, developed for healthcare providers, healthcare insurers and end-users.

HCAAlert enables to:

- Reduce mortality rate
- Lower emergency cases and hospitalization days

Significantly decreasing healthcare costs while improving Quality of Life



HCAAlert Modules



1 - Health and Wellness
Mobile App



2 - Clinical Triage Algorithm



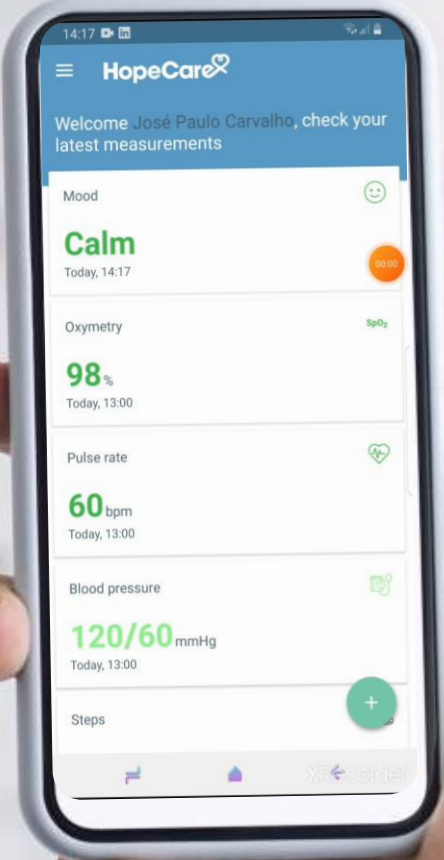
3 - Clinical Platform



HopeCare



Monitor



14:17

HopeCare

Welcome José Paulo Carvalho, check your latest measurements

Mood 

Calm

Today, 14:17

0:00

Oxymetry 

98%

Today, 13:00

Pulse rate 

60 bpm





Today, 13:00

Blood pressure 

120/60 mmHg

Today, 13:00

Steps 

HCAAlert Triage Tool

Alerts 12 01-03-2022 14:08:18

CRITICITY	INFO	TREND RULE	VALUE	CLIENT	AGE	STATUS
RED	Mood 64972 10-02-2022 04:05:08	↑	1.70	José Paulo Carvalho Nº zepaulo4540@gmail.com	48	PENDING
RED	Pulse 65196 13-02-2022 13:24:38	↓	50.00 bpm	Nelson Brito Nº	34	PENDING
RED	Temperature 65198 23-01-2022 15:27:47	↑	38.00 °C	Francisco Norton de Matos Nº 123458888	58	PENDING
RED	Pulse 65823 24-02-2022 16:46:46	↓	50.00 bpm	Nelson Brito Nº	34	PROCESS
RED	Mood 66158 01-03-2022 12:49:56	↑	1.70	José Paulo Carvalho Nº zepaulo4540@gmail.com	48	PROCESS
RED	Mood 66160 01-03-2022 13:01:36	↑	2.70	José Paulo Carvalho Nº zepaulo4540@gmail.com	48	PROCESS
RED	Mood 65432 18-02-2022 13:19:15	↑	1.70	José Paulo Carvalho Nº zepaulo4540@gmail.com	48	PROCESSED jose.carvalho@hope-care.pt
RED	Mood 65817 25-02-2022 12:47:12	↑	1.70	José Paulo Carvalho Nº zepaulo4540@gmail.com	48	PROCESSED jose.carvalho@hope-care.pt
RED	Mood 65946 26-02-2022 17:58:30	↑	1.70	José Paulo Carvalho Nº zepaulo4540@gmail.com	48	PROCESSED jose.carvalho@hope-care.pt
ORANGE	Pulse oximetry 65665 21-02-2022 16:13:32	↓	89.00 %	José Paulo Carvalho Nº zepaulo4540@gmail.com	48	PROCESSED jose.carvalho@hope-care.pt
YELLOW	Mood 65571 21-02-2022 09:38:03	↑	3.10	User01 Nº 0	87	PROCESS
YELLOW	Mood 66047 28-02-2022 09:32:42	↑	3.10	José Paulo Carvalho Nº zepaulo4540@gmail.com	48	PROCESSED jose.carvalho@hope-care.pt

DIABETES



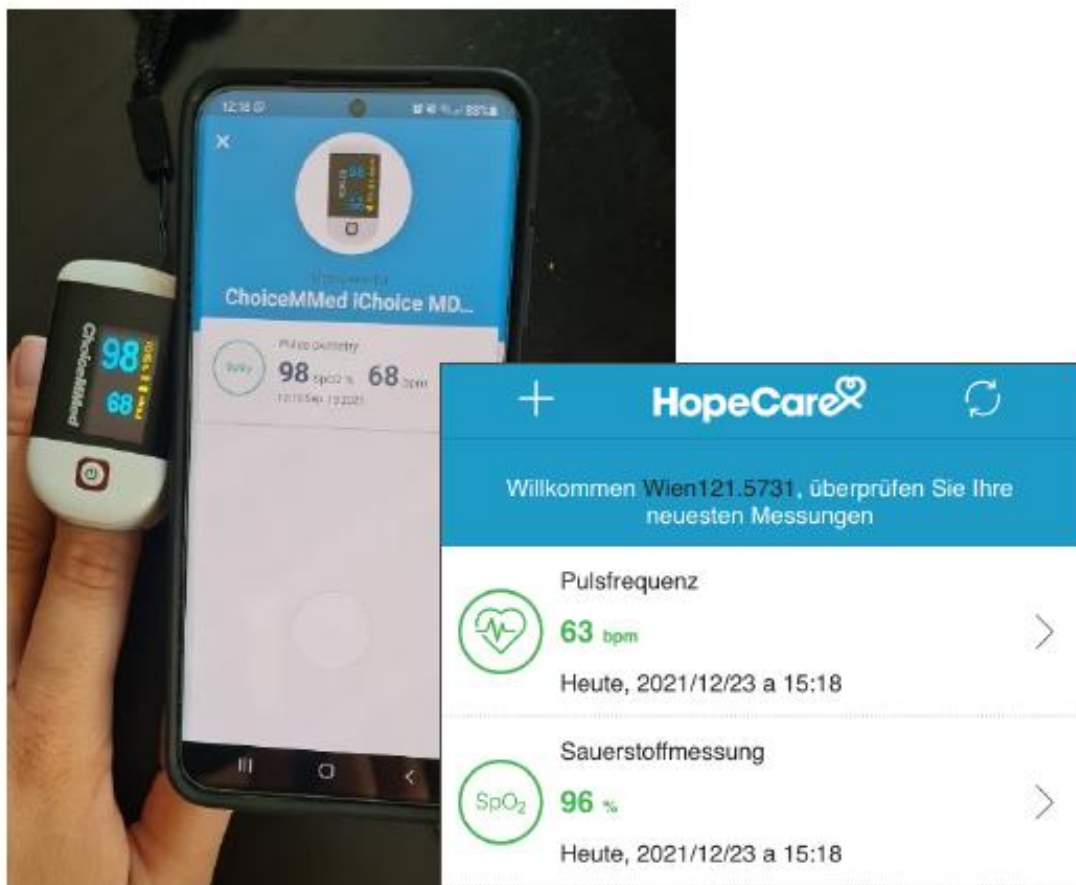
CHF





COVID-19 Remote Patienten Monitoring

Pilotprojekt Februar/März 2022



Bitte setzen Sie sich 5 Minuten ruhig hin und wiederholen Sie die Messung

5 Min. • über Patient



Ihre Vitalparameter befinden sich außerhalb des Normalbereichs. Ein Arzt oder eine Ärztin wird sich in Kürze bei Ihnen melden.

5 Min. • über Patient



Wien121.5731 hat auffällige Vitalparameter. Eine Kontaktaufnahme mit Max Zühlke, männlich - unter 068120897393 ist angezeigt.

5 Min. • über Arzt

[Stadt Wien | COVID-19 Patient Monitoring](#)

128 DATA POINTS

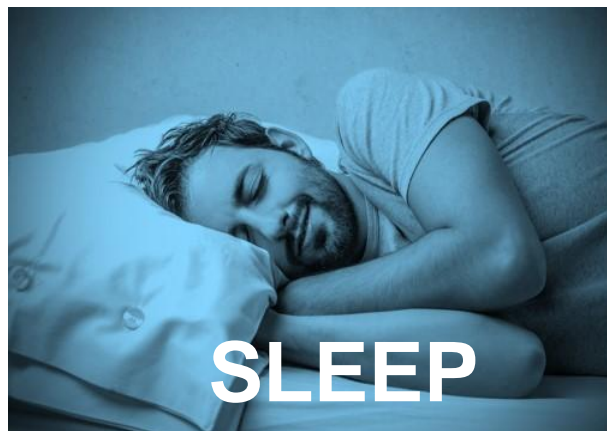
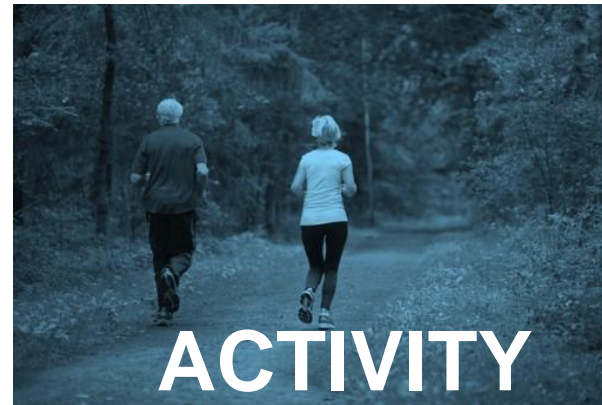


withings



-
- Steps
 - Distance
 - Active energy burned
 - Burnt Energy
 - Elevation
 - Body weight
 - Height
 - Body fat
 - Systolic
 - Diastolic
 - Pulse
 - Oximetry
 - Body temperature
 - Total hours of sleep and per stage (light, deep and REM)
 - Total hours awake during the sleep period
-
- Total duration of active time
 - Active energy burned
 - Burned basal energy
 - Distance
 - Elevation
 - Number of floors climbed
 - Steps
 - Burnt energy
 - Very low heart rate zone
 - Low heart rate zone
 - Average heart rate zone
 - High heart rate zone
 - Resting heart rate
 - Duration
 - Average heart rate
 - Energy consumed
 - Carbohydrates
 - Fibers
 - Protein
 - Fat
 - Sodium
 - BMI
 - Weight
 - Body fat
 - Total hours of sleep
 - Number of times you woke up during the sleep period
 - Time awake during the sleep period
 - Sleep time
 - Time it took you to fall asleep
 - Amount of restless time during sleep period
 - Time you were in bed during sleep
-

ALLOW US TO MONITOR SEVERAL HEALTH AND LIFESTYLE CONDITIONS





**3. What make us
different?**



Proprietary Triage Algorithms

and



Proven Impact

Hospital outstanding clinical outcomes
reached by HCAAlert usage

Chronic Obstructive Pulmonary Disease (COPD) Patients – Coimbra Hospital

<https://www.sns.gov.pt/noticias/2017/02/21/chuc-telemonitorizacao-da-dpoc/>



**50% REDUCTION OF
HOSPITAL READMISSION**



**30% DECREASE OF
EMERGENCY ROOM VISITS**

Congestive Heart Failure (CHF) Patients - Covilhã Hospital

https://customers.microsoft.com/en-gb/story/822657-centro-hospitalar-cova-da-beira-health-azure-en-portugal?_lrsc=b68b076d-c68c-453b-afaf-880967da86d3



56% reduction in Hospital Readmission



45% decrease in the number of days of hospitalization



85% fewer emergency episodes



45% lower mortality rate in the first year

Community Patients - ULSLA

https://www.justnews.pt/noticias/doentes-cronicos-mais-complexos-com-enfermeiros-gestores-de-caso-na-uls-do-litoral-alentejano/#.XaX8p_0o8wB



55% reduction in Hospital Readmission



66% decrease in Emergency room visits to GP



61% lesser Emergency room visits to Hospital



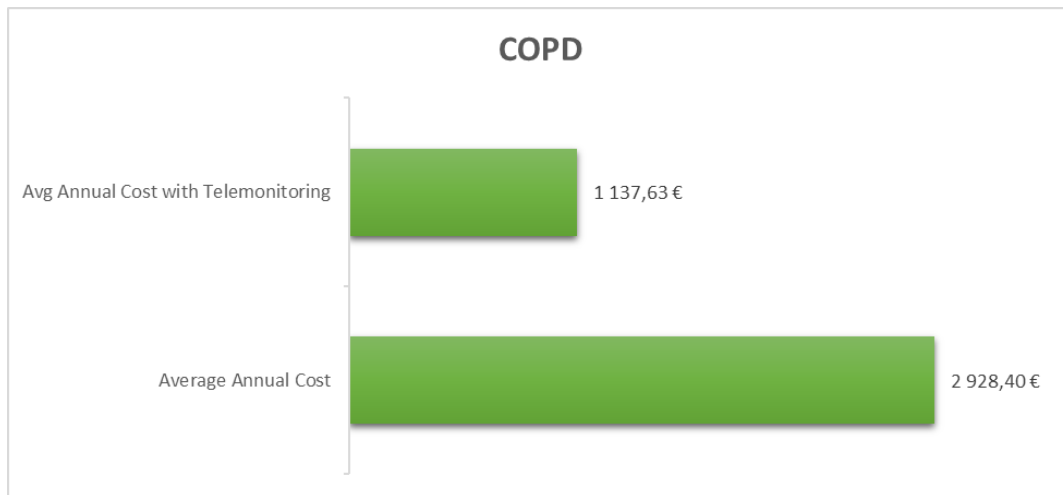
55% fewer GP consultations



Less hospitalization days – AVG 10,1 days to 8,5 days

Cost Reduction per patient per year

PT CASE published by Portuguese NHS



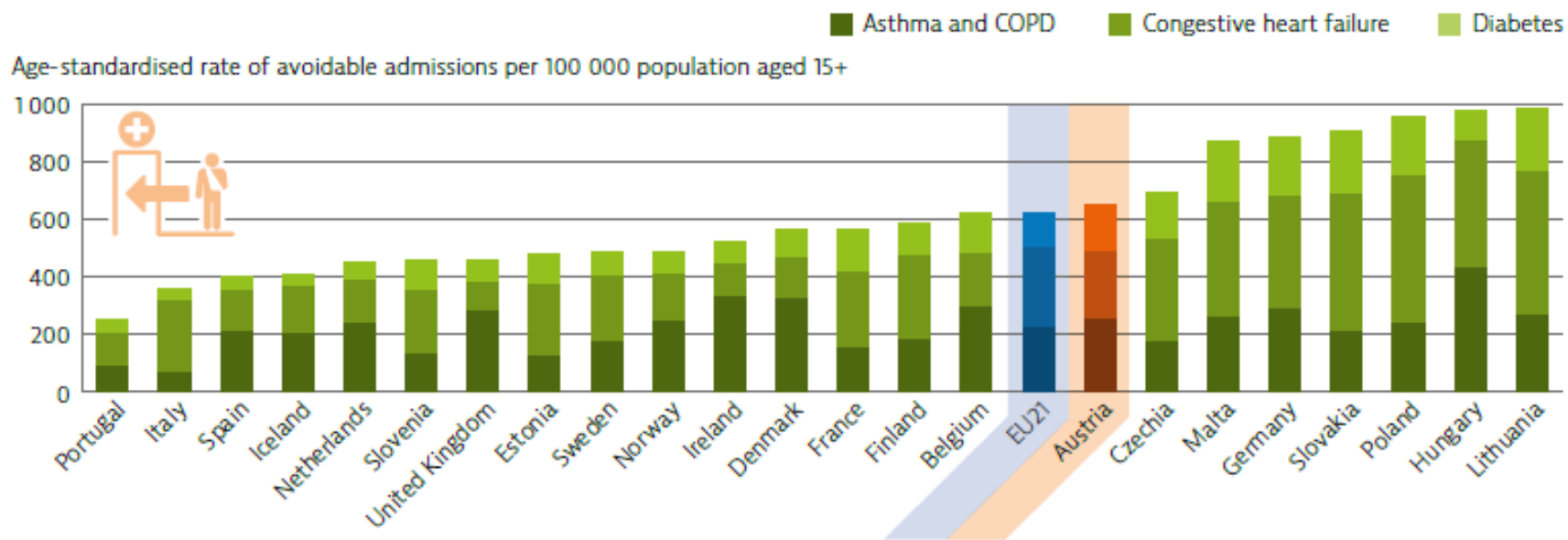
Cost Reduction per Patient Year = 1 791 €
61% less



Cost Reduction per Patient Year = 1 963 €
51% less

Avoidable Hospital Readmissions in EU

In the EU, there is an average of **600 avoidable Hospital Readmissions** per 100,000 habitants



Source: OECD Health Statistics 2019 (data refer to 2017 or nearest year).



HopeCare[®]

4. The Future we are creating



Correlate day to day activities with patient health behavior



Health / Vital Signs Data

Objective Data from HC App:
Glucose
SpO2
Blood Pressure
Body Temperature...



Activity

Activity from Fitness and wellbeing apps
Sports preference
Sleep
Physical activity
Nutrition



Personal Behavior

Medication compliance
Mood / Stress / Pain
Holidays
Tailored Surveys
Nutrition
Virtual Visits (booking)



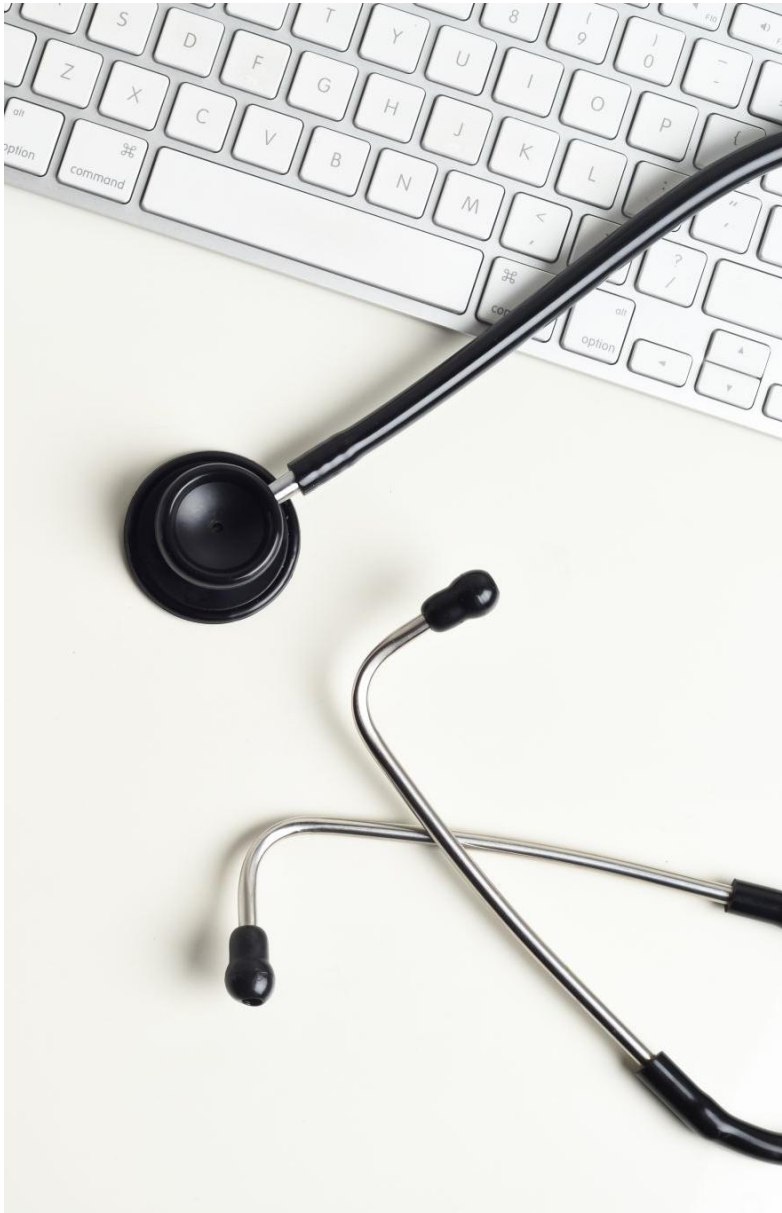
Environmental data

Location
Weather
Local NHS alerts – Flu, COVID-19,...
AAL Data - Home Temperature



Social Data

Caregivers / Care Plan
Family and friends Portal
Social Media activity



To enable healthcare providers to Tailor Health Service

Prediction

Behavioral Data

Environmental Data

Profiling

Tailored Service



Benefits

Health without barriers

01

DIVERSITY:
ACCESS TO ALL
PEOPLE

02

IMPROVE
QUALITY OF
LIFE

03

ECOLOGICAL
SUSTAINABILITY

04

COST
REDUCTION

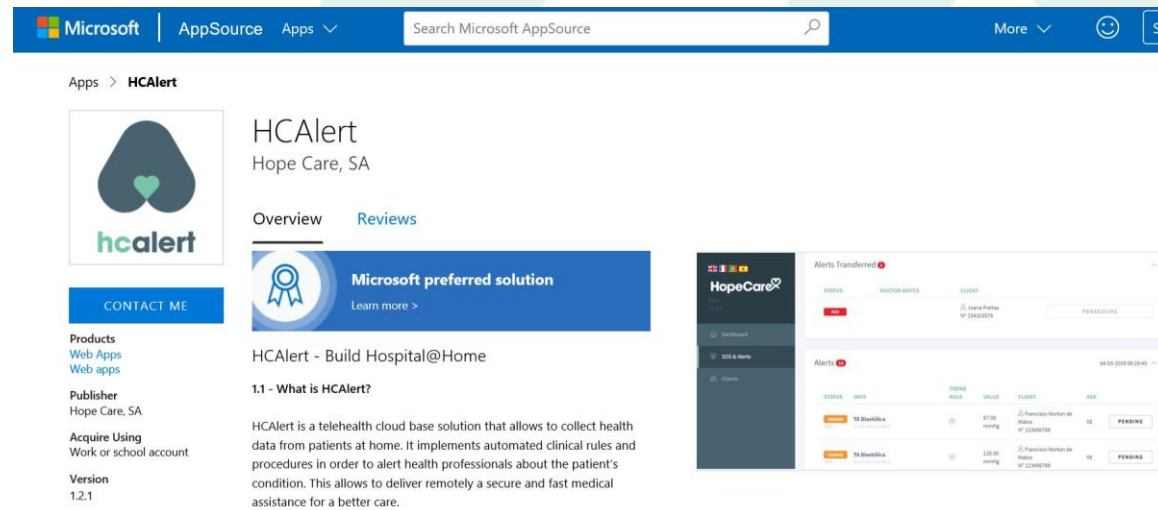
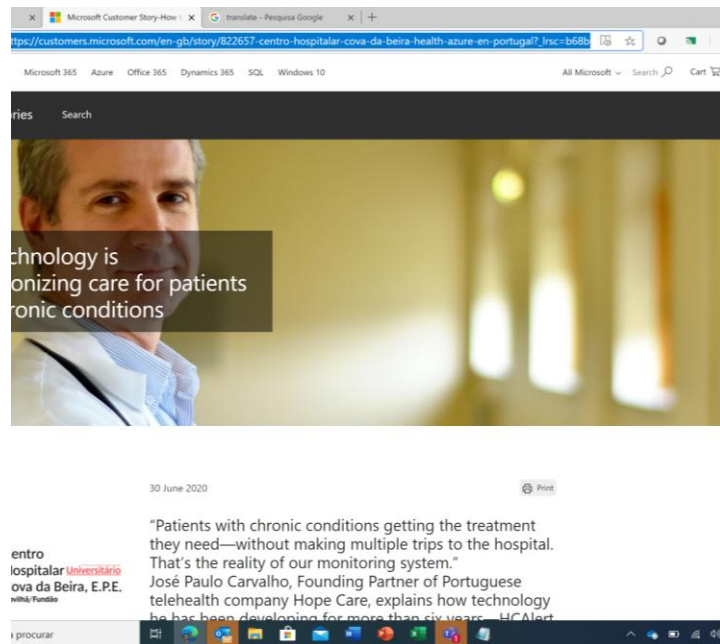


5. Appendix

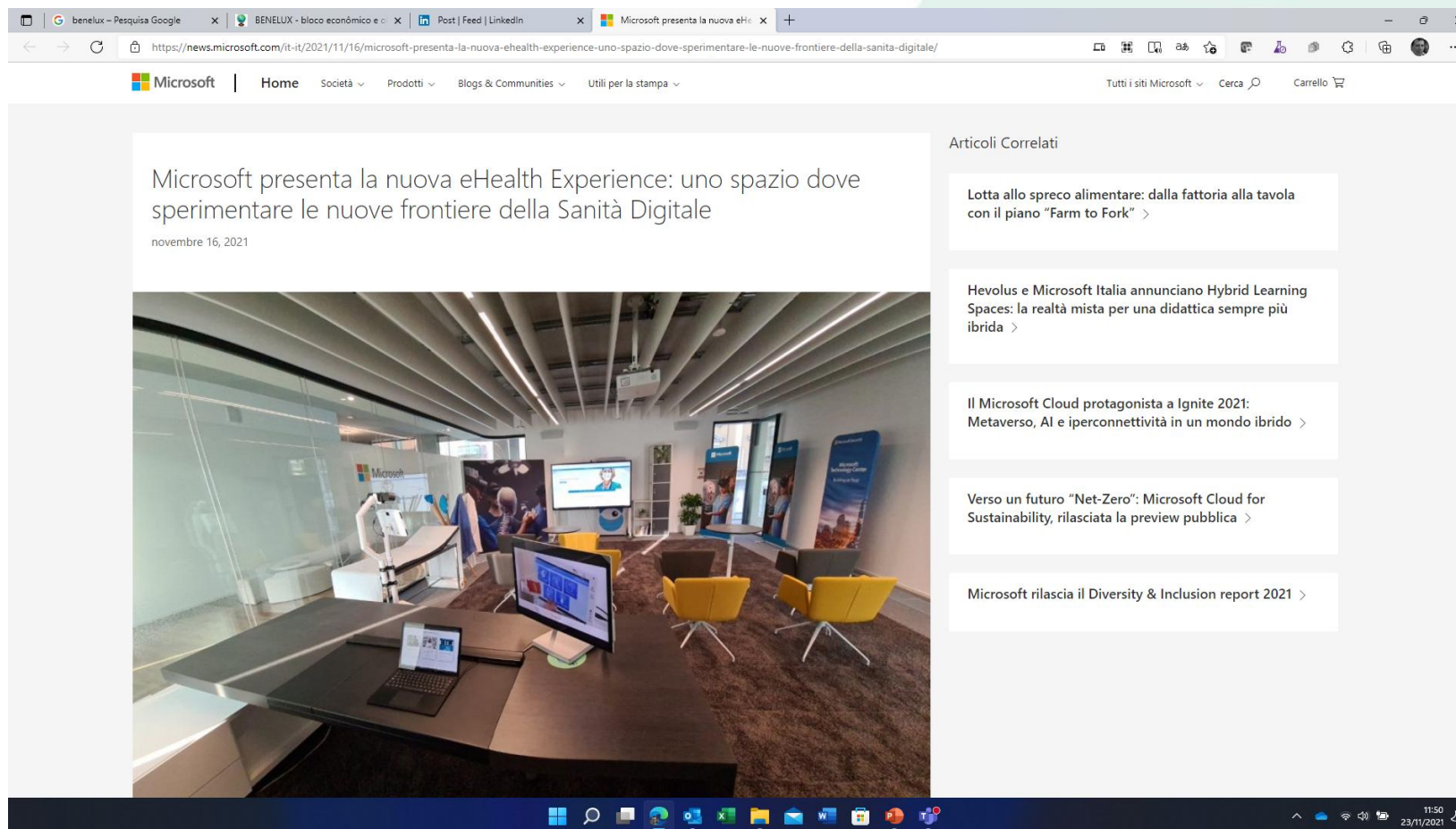
Microsoft Preferred Solution

[HCAAlert \(microsoft.com\)](https://www.microsoft.com/en-gb/story/822657-centro-hospitalar-cova-da-beira-health-azure-en-portugal?lsrc=b68b)

[Microsoft Customer Story-How technology is revolutionizing care for patients with chronic conditions](https://www.microsoft.com/en-gb/story/822657-centro-hospitalar-cova-da-beira-health-azure-en-portugal?lsrc=b68b)



Demo Room at MTC Milan - Microsoft



SIFIDE

Hope Care is recognized as an R&D company by PT state

- [Homepage \(ani.pt\)](http://ani.pt)

Exmos. Senhores
Hope Care SA
Rua da Criatividade, Edifícios Centrais
2510-216 Óbidos

Data: Lisboa, 05 de novembro de 2020

Assunto: Reconhecimento de idoneidade da Hope Care SA em matéria de investigação e desenvolvimento

De acordo com o disposto do n.º 1 do Art. 37º-A do Código Fiscal do Investimento, aditado pela Lei nº 114/2017 de 29 de dezembro, vem a Agência Nacional de Inovação reconhecer a idoneidade à Hope Care SA, para a prática de atividades de investigação e desenvolvimento no domínio técnico-científico das TIC na seguinte área de atuação:

- TIC aplicadas à Saúde.

Pela ANI – Agência Nacional de Inovação, S.A.,
A Comissão Técnica com competência delegada,

PAULO ALEXANDRE REIS MADEIRA
Digitally signed by PAULO ALEXANDRE REIS MADEIRA
Date: 2020.11.11 14:59:50 Z

FRANCISCO MANUEL SIMÕES DE MOURA
Digitally signed by FRANCISCO MANUEL SIMÕES DE MOURA
Date: 2020.11.11 21:56:11 Z

SÓNIA MEIRELES RICCA GONÇALVES
Assinado de forma digital por SÓNIA MEIRELES RICCA GONÇALVES
Data: 2020.11.10 13:00:04 Z



Thank you



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Founder

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