FICHe

Future Internet CHallenge eHealth

FICHe Digital Health startup portfolio

FIWARE
Accelerate
Join the innovation ecosystem

Prologue

What an adventure it has been!

When we started to create this adventure in 2013, I think we could not foresee the impact it would have on so many ambitious, energetic and focused people. Right from the start, when forming our project consortium, defining our ideas to attract, support and fund startups that use FIWARE technology, it has been challenging as well as rewarding.

Now, we are presenting the 20 finalists that have gone through the entire acceleration program. And it is great to see that many of them have grown, matured and created follow-up successes already. New funding, clients, exposure, staff members and of course innovative applications. Please take the time to get to know each and every one of them as they contribute to the future of healthcare. They need you as much as many of you need them, now or in the future.

But let's not forget the 60 startups that did not went through to the final phase of FICHe, or the more than 800 other startups that were supported by the group of 16 FIWARE accelerators in the last 24 months. They all contribute to the FIWARE and European startup ecosystem and show how a community effort can evolve into a pan-European movement.

Each of the 9 partners that contributed to FICHe have been and still are committed to the success of these and other digital health startups. If you are in need of support to create of grow your own startup, reach out to them and they might be able to support you or redirect you to other opportunities.

Hope to see you again soon and let's celebrate!

Paul Pelsmaeker

Founder of FICHe – Future Internet CHallenge eHealth
Co-Founder and Chairman Stichting Digitalezorg.nl

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START UPS

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CONSORTIUM PARTNERS

Foreword

Future Internet CHallenge eHealth (FICHe) project has challenged European startups to develop innovative applications in the eHealth market building upon the FIWARE technology. Open call for startups was opened in September 2014, and 80 out of 300+ applicants were selected to enter FICHe. Through three phases and altogether 6.24 MEUR funding, the startups were able to develop their ideas into successful new eHealth solutions. In the Health 2.0 event, which is also the closing event of FICHe, the best 20 FICHe startups showcase their unique solutions to the eHealth audience.

I would like to thank the extremely committed and co-operative consortium for the great work in professional support, coaching and mentoring the startups. I'd like also to congratulate our top 20 startups for their innovative mindset which has led to amazing results. Lastly, I want to express my gratitude to the European Commission for enabling and supporting the FICHe accelerator project.

Oulu, May 2016
Satu Väinämö
The Coordinator of FICHe

FICHe
Future Internet CHallenge eHealth

ANDIAMO

www.andiamo.io
London, United Kingdom

3D printing orthotics service for children with special needs

Andiamo is creating healthcare solutions for children with disabilities and long term conditions. Through the use of digital manufacturing we can reduce wait times from 6 months to 48 hours for equipment called orthotics. We then use the 3D data captured over time to track how the body is changing and give clinicians insight into how their treatments and equipment are working.

BETAWERK
creating online services

www.betawerk.nl
Heerlen, The Netherlands

Betawerk is a Dutch SME dedicated to creating digital engagement.

The lack of effective monitoring of the state of incontinence causes serious problems regarding efficiency, sustainability, secondary health risks, quality of care and a patients well-being. IncoSense Smart aims to solve this problem. Based on an existing sensor device an incontinence care support system will be developed. This system will be able to, through non-invasive methods, sense the need for incontinence care for individual patients. On the basis of this, individual incontinence care can be optimized. In addition, the system will enable logistical and managerial support, and facilitate health monitoring activities related to incontinence care on the individual, institutional and societal level.

IncoSense Smart is an incontinence care system that provides insight and forecasts to enable a more effective and efficient incontinence care process.
Urinary incontinence is a very common problem among the elderly. Unfortunately it's very hard for healthcare facilities to manage. A lack of real time information prevents us from providing the best care possible. Oversaturated incontinence material causes discomfort and risk for the patient, staff and facility. That's why staff currently carries out changing rounds every few hours.
Research shows that with the current workflow nearly a third of resources is wasted, because the diaper is completely dry or didn't reach full saturation. This means time and money are being used that could instead have been spent on quality care.

Features

The IncoSense Smart is non-intrusive by design on three critical levels: patient, care-giver and management. It provides insight into incontinence processes and alerts the staff when changing is needed.

IncoSense Smart fully integrates with your workflow. The nurse doesn't need to perform any extra tasks, your patient is being changed and the status updates automatically with each action.
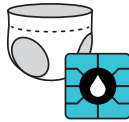
Innovative sensor
The first sensor that detects incontinence completely externally and shares its data instantly.

Notifications
Smart software notifies the caregiver on duty and updates your management dashboard.

Dashboard
The insightful dashboard shows the real-time information you need to manage incontinence care.

API
The API lets you connect your own software for easy integration whilst keeping privacy and security intact.

Clinical Graphics

Clinical Graphics
See Beyond

www.clinicalgraphics.com
Delft, The Netherlands

Clinical Graphics was founded in 2010 and has a team of 12 people. Clinical Graphics' core activities include the development and exploitation of its 3D motion analysis software, which the company operates as an online service for clinics around the world. This online service, named the Move Forward 3D Motion Simulation service, is currently being used by surgeons in The Netherlands, United Kingdom, Germany, Sweden, Portugal, Spain, Italy, Brazil, Colombia, Australia, South-Africa and Turkey. Once market-ready, the FICHe sponsored OMAX solution will be the company's second product.

OMAX (Objective Measurements of Arthritis in X-rays) is an online image analysis system that automatically detects osteoarthritis on X-ray images.

Link your X-ray system to OMAX and get instant access to our objective & accurate analysis results.

Spend less time evaluating the X-rays. OMAX saves your clinic time and money in the treatment of osteoarthritis.
OMAX is capable of detecting 3 important indicators for the progression of osteoarthritis:

- Joint space distance
- Osteophytes
- Bone deformities

It integrates seamlessly with your PACS system and requires no effort at all to use. Once set up, OMAX will automatically analyze the hip X-rays as

they are added to the PACS system. Clinicians of your hospital can log in to the OMAX web platform at omax.clinicalgraphics.com and look at the analysis results. These are available within 20 minutes of uploading the DICOM images to the OMAXplatform.

Would you like to know more? Contact us at info@clinicalgraphics.com

OMAX does not have CE-marking and is not commercially available at this moment. This flyer is only intended for the purpose of exploration of investment opportunities.
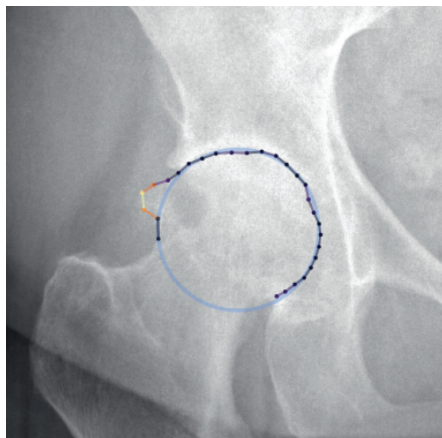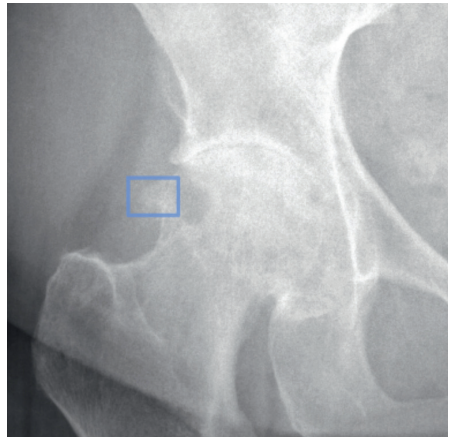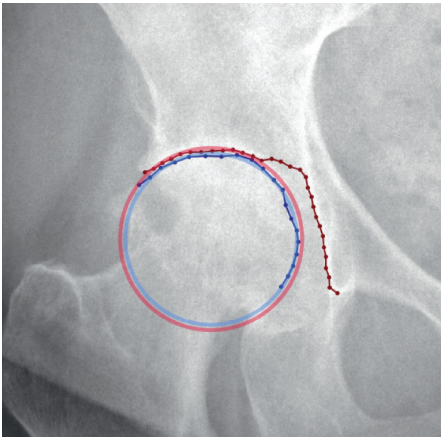
HealthApp

HealthApp is a young start-up that focuses on the development of mobile **applications for the health sector**, with special emphasis on **improving communication between patients and therapists in long-term and chronic diseases**. HealthApp does not want to replace medical staff functions; otherwise the company wants to become an **effective support** with which patients feel safe and comfortable in the time between a medical consultation and the next. So, **HealthApp is dedicated to improve links between patient and therapist providing trusty information to patients and familiars about therapy and their process.**

Our systems are built to become an efficient therapeutical solution that can help both patients and therapists, increasing not only the efficiency of the treatment but also their quality of life.

So, on one hand we provide patients an App where they can log everything that is required for the therapy in an engaging way, following one of our lay motives: therapy can be fun! So, our developed systems are designed from the very beginning thinking in users' needs and with the aim of increasing engagement to therapy. Moreover, our Apps also incorporate advanced features such as image recognition, alarm generation and artificial intelligence.

On the other hand, we connect our therapeutical Apps to a **BackOffice**, a web-based tool for therapists where they can see in real time what their patients have registered. It acquires raw data and connects with the App for further processing (i.e. generation of graphs in a period of time to see parameter comparison and patient evolution). The BackOffice is designed

in a way that therapists can interact in real time with the use of PUSH notifications.

All our developed systems accomplish with the most restrictive data protection laws and are prepared for the integration in local management systems of hospitals and clinics.

So, with our developments patients and therapists can be in continuous contact, allowing a faster reaction from the therapist according to the patients' needs.
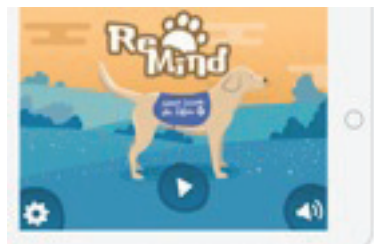
www.ideable.net
Bilbao, Spain

Technical platform for caring elderly people. Family and caregivers use it with their elders to make videoconference, share leisure time and eHealth apps with them and train their brain for combating cognitive impairment.

kwido
making life easier

What's Kwido? A multidevice platform for caring for elderly people.

Who is it for? Elderly care, chronic care, baby care and healthcare providers.

Why Kwido?
- Cost-effective solution
- Saves costs in elderly caring
- Helps the elderly being independent at home
- The most flexible and cheap teleconsultation platform that you can rebrand for your organization.

What includes?
- With a wide range of features: telecare (videoconferencing), social apps, chronic disease monitoring, medicine taking, cognitive stimulation, etc.
- Increasing elderlies' autonomywith accessible apps
- Offering tested technologies to offer online medical services to each type of carers
- By adding technologyto our clients' processes with little investment
- By allowing rebrandingand customizationfor every client

Kwido www.kwido.com

Inbiolab ItoM

www.inbiolab.com
The Netherlands

Inbiolab has invented a unique technology for patient friendly, high quality respiratory monitoring consisting of non invasive electrophysiological measurements of the diaphragm.

Inbiolab applies this patented technology within its advanced respiratory monitor for premature born babies, the Smart Jacket. A patient friendly solution is very important for vulnerable neonates & child-mother bonding.

Medbravo Cancer Clinical Trial Referral Network SaaS

www.medbravo.org
Alicante, Spain

Our mission is to increase the participation of patients in clinical trials (CTs) on cancer.

Medbravo provides hospitals with clinical trial tools to streamline the referrals of cancer patients to CTs. We connect hospitals, doctors, researchers and patients.

Medbravo Components:
• A clinical trial (CT) dedicated website for each hospital.
• CT Search engine for both patients and doctors to find CTs.
• Matching & Referral tools in all steps needed from eligibility criteria checking until a patient is confirmed to qualify for a CT and finally a pre-screening date is arranged.
• An Alert System for both health professionals and cancer patients to be always updated on new CT opportunities.

Medbravo Benefits:
• Always visible and updated clinical research profile.
• Clinical research referral on your area.
• Speed recruitment in your clinical trials.
• Reduce cancer therapy costs with sponsored research treatments.
• Offer more patients the benefits of participating in clinical trials.

Visit us in: app.medbravo.org.

Medbravo Data Intelligence SaaS

Medbravo provides visual analytics to uncover patterns and trends in cancer clinical research. Medbravo is based on NLP-based text mining technology. It continuously retrieves information from clinical trial repositories to process, analyze and organize it to synthesize knowledge and create actionable insights. Their Data Analytic Web-Tools provide insights that are updated, customisable, dynamic, visual and actionable.

These are some of our web-tools:
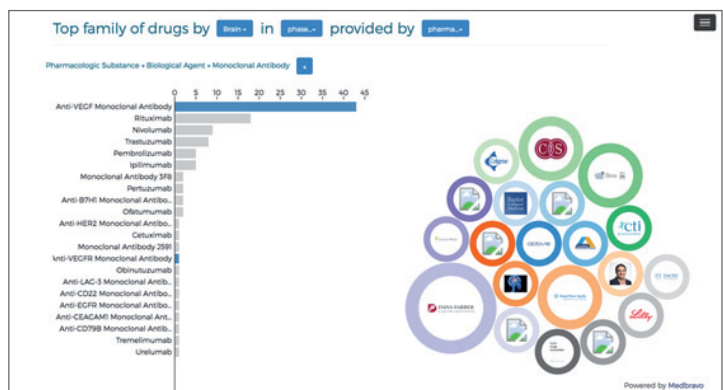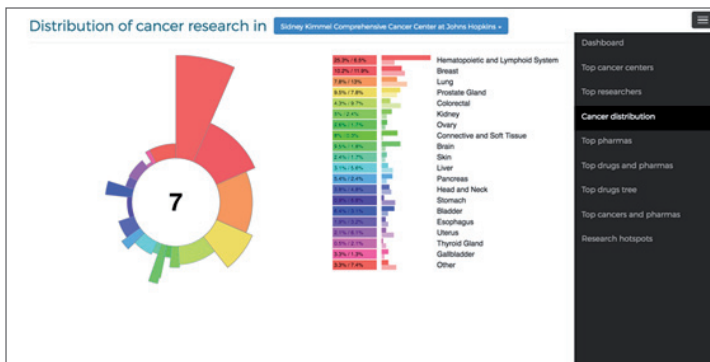
To request a demo contact us at www.medbravo.org

Mind Myths

Creation of collaborative 3D VR environments for promotion of well-being.

Mindfulness training offers real health benefits and a strategy for coping with the stresses of an increasingly wired world. (Time magazine: Feb 2014). Mind Myths will create 3D collaborative learning environments for the practice and adoption of Mindfulness therapies. Learners and users will immerse themselves in virtual therapeutic landscapes, to help them learn and practice Mindfulness techniques at their own pace, in collaboration with other learners/users and practitioners, located anywhere in the world. Our ancient landscapes still capture the imagination of people that visit them today. Mind Myths will recreate these ancient landscapes and reuse them to provide unique and individual therapeutic environments.

MYSPHERA

www.mysphera.com/en
Paterna, Spain

Making hospitals smart through location of patients and assets and process visibility.

MYSPHERA aims to provide useful real-time information about processes related with patients, equipment and staff, to the health related stakeholders, to improve assistance quality and reduce operation costs. To achieve this objective, information from existing hospital IT systems will be processed and merged. For instance, patient HIS data, indoor RTLS location information, temperature, humidity, cameras, etc. The results of this information treatment will be offered to the different stakeholders in different ways: Information TV dashboards for patients and also for professionals; smartphone applications for patient relatives; web applications to be used by health professionals.

Transforming healthcare systems through location and process visibility leveraging smart IoT solutions.
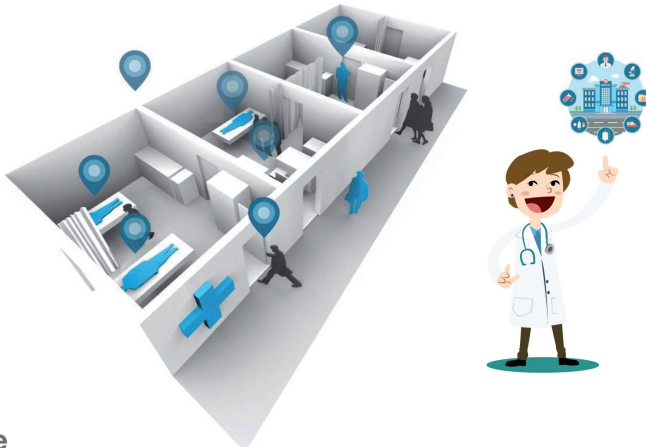
Challenge

Hospital Managers need process visibility…

Solution
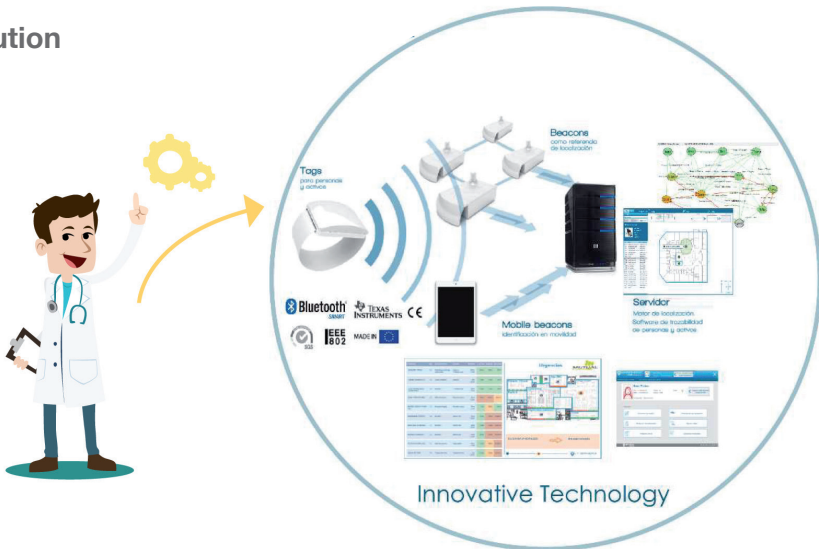
Solving the problems

Getting real-time visibility of healthcare processes improves efficiency, patient safety and saves costs

NETICTECH S.A.

Creating eHealth solutions for medical professionals.

medVC is a remote collaboration solution for medical professionals allowing real-time audio-video communication and the usage of specialised medical tools supported by FIWARE. It is designed to be installed in operating rooms, conference rooms and doctors' offices and allows to send multiple HD video streams coming from cameras, microscopes, endoscopes and other medical equipment. The doctors have the possibility to pause any video stream, mark areas of the picture, take snapshots and collaboratively work on DICOM images. These features make medVC a superb remote collaboration and education tool. The usage of FIWARE increases the innovativeness of medVC allowing WebRTC connections and uploading of screenshots to the FIWARE cloud.
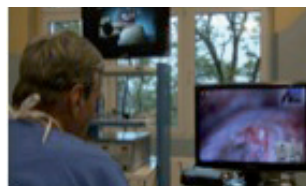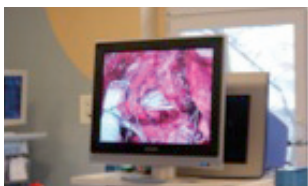
Remote collaboration tool for medical professionals.
medVC enables real-time audio-video communication enhanced by specialised medical services.

Designed for:
- operating rooms
- conference rooms
- doctors' offices

Multiple video streams from:
- medical cameras
- microscopes
- endoscopes
- surgical robots
- other medical equipment

Extensive collaboration features:
- video streams pausing
- marking areas of the picture
- taking snapshots
- collaborative work on DICOM images
- video streaming & recording

Superb video quality:
- High Definition up to 1080p50/60
- Stereoscopic (3D) transmission from newest medical devices

Used with medical equipment from companies such as Storz, Olympus, Medrobotics, Trumpf Medical, ConMed and others.

Used for:
- remote collaboration
- live transmissions from ORs
- medical education

Used by hospitals from France, Germany, Italy, Luxembourg, the Netherlands, Poland and Spain.

Get medVC for your hospital now!

Visit us at: www.medvc.eu

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Piotr Pawałowski - CTO
piotr.pawalowski@medvc.eu

www.neuroathome.com
Valencia, Spain

Rehabilitation wherever you are

NeuroAtHome is a software platform that allows healthcare professionals to deliver physical and cognitive therapy regardless of patient or therapist location. NeuroAtHome's more than 60 exercises use virtual reality, real-time motion capture and gamification to improve outcomes and increase patient engagement. Similarly, while patients complete therapist-prescribed sessions, NeuroAtHome collects motion analysis and session performance data to track patient evolution objectively. In this way, NeuroAtHome can provide quality rehabilitation services more efficiently and at a lower cost to payers.

Who can benefit from NeuroAtHome?

Anyone suffering from health conditions that require monitored physical or cognitive therapy can benefit from NeuroAtHome. Exercises can be used to rehabilitate patients suffering from chronic conditions -like stroke, traumatic brain injuries, multiple sclerosis or neuro-degenerative disorders, among others-, to stimulate cognitive functions or to promote active ageing among senior citizens.

Physical and cognitive exercises

NeuroAtHome comes with more than 60 exercises for physical and cognitive therapy which can be personalized to match each patient's goals and capabilities.

Easy to Use

Through the use of devices like a Kinect sensor or touchscreen interfaces,

NeuroAtHome allows patients to quickly start completing prescribed sessions: eliminating complex set-up procedures or the need of keyboards and joysticks to complete exercises.

Increases Patient Engagement

NeuroAtHome uses virtual reality and gamification to create engaging exercises to increase patient motivation to stick to their treatment plans, resulting in improved outcomes and patient satisfaction.

Advanced Patient Management

Using NeuroAtHome, healthcare professionals can design comprehensive rehabilitation plans for their patients. During a therapy session, NeuroAtHome will run scheduled exercises, measuring session performance and collecting and storing session data. Therapists can also modify prescribed sessions -locally or remotely- according to the evolution and the rehabilitation goals of each patient. Data collected during sessions can be used by clinicians to analyze patient evolution objectively, improving rehabilitation outcomes and treatment efficiency.

For Rehabilitation Centres

Patients can start using NeuroAtHome in hospitals, clinics or within community settings as a way to facilitate the transition to the home.

For Care Homes

Care homes can provide active ageing and prevention programmes to their residents using NeuroAtHome's physical and cognitive exercises.

For TeleMonitorization

Healthcare professionals can schedule sessions for their patients -7 days a week, 365 days a year- while giving flexibility to complete prescribed sessions whenever it is more convenient for them, from the comfort of their own home.

www.ourpath.co.uk
Oxford, United Kingdom

OurPath is a multi-platform diabetes management ecosystem.

Being diagnosed with diabetes is a scary thing. We want to help. Within OurPath, we believe that technology can be used to positively influence peopleâ€™s lives and help motivate them live a healthier lifestyle. Our diabetes smartphone application is designed to be an all-encompassing coaching and self-management app, which will test the best methods to help motivate diabetics live a healthier lifestyle (i.e., improved diet, exercise, and medication compliance). In addition, OurPath will securely gather and provide information to healthcare professionals to help them better understand the needs of their diabetes population and make more informed decisions.

Technology-enabled medical nutritional counseling

Oviva is the leading provider of technology-enabled medical nutritional therapy (MNT), applying technology to improve patient experience, care efficiency and effectiveness.

MNT is the primary treatment for diet related chronic diseases such as obesity and diabetes. Due to the epidemic of these conditions patient need for such services is rapidly growing. Healthcare professionals called dietitians provide MNT, patients are referred by their clinician, and it is reimbursed by health insurers.

Oviva provides an on-site dietitian to community healthcare clinics, providing MNT to referred patients. Our proprietary technology allows remote patient treatment via smartphone app with an expert system support. In the first session the dietitian discusses the therapy and offers the app as an additional means to stay in touch between or instead of further face-to-face sessions. With the app the patients can communicate, log meals with photos and connect wearables to convey the information to their dietitian.

The closer guidance of the patients improves outcomes (5.7% vs. 2.7% bodyweight loss at 3 months) and automates repetitive MNT tasks, increasing billable, patient-facing time by 30%.
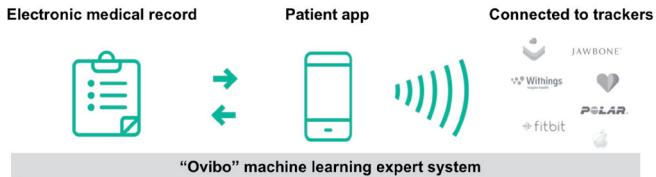
Hence, all healthcare stakeholders all benefit from the Oviva model:
- Patients receive more convenient care and improved outcomes.

- Clinicians have better control of patient care, assured quality management, and receive rent for the use of their facilities.
- Health insurers benefit from increased efficiency and effectiveness.
- Dietitians can spend more of their time with (billable) patients and have flexible working conditions, including remote treatment possibilities

Launched in May 2014, Oviva has 75 confirmed clinic locations across Switzerland, Germany and the UK. The central Oviva team covers technology, sales, operations and finance in-house. An expert advisory board of internationally renowned clinicians and healthcare executives supports Oviva.

If you are interested in hearing more, please reach out to us at +41763941029, contact@oviva.com. www.oviva.com.

Electronic medical record   **Patient app**   **Connected to trackers**

JAWBONE

Withings

POLAR.

fitbit

"Ovibo" machine learning expert system

Oviva AG

Rennweg 14/16 8001 Zürich Switzerland   Schloßstrasse 13 14467 Potsdam Germany   10-18 Union Street London SE1 1SZ United Kingdom

Danielle H.
Your Coach

This weeks goal & progress
Avoid Gluten

Danielle Holland
Good work! Keep logging your meals :)

Monday, December 10, 2015

Breakfast • 9:04 AM
Great little breakfast. Eggs, toast and fruit

Ask Danielle something   Send

Add Activity

Snowboarding   Yoga

Add Activity duration

3 19
hrs mins

Post Activity

Weight lost after 3 months

2x

5.7%

2.9%

Traditional   With Oviva

www.owise.nl
Amsterdam, The Netherlands

Personalising cancer treatment through real-time patient health data.

Cancer is one of the world's leading causes of death affecting 1 in 3 of all people in Western countries. Patients are in need of support and to improve the treatment of cancer, quality patient data is needed to assess the effectiveness of medical treatments. OWise is a mobile health platform providing cancer patients with personalised medical support while the fully anonymised, aggregated data are applied to advance the treatment of cancer. A pilot product, the Dutch award-winning app OWise breast cancer, has already demonstrated to improve the patient-doctor relationship. Using OWise, quality patient-reported outcome data can be gathered and used for medical research to improve the effectiveness of the treatment of cancer patients.

PANTAVISION
DIGITAL DIAGNOSTICS

www.pantavision.com
Berlin, Germany

Enabling users to assess & analyse MRI/CT-Scans faster and more accurately.

Panatomy is a web based, diagnostic support software for interactively viewing anatomic and pathologic imagery. The Software uses MRI- and CT- Images as well as a PACS related user interface, combined with one of the biggest image databases. It enables users to make visual diagnosis faster, more comprehensive and more accurate. Panatomy is aimed at supporting radiologists, radiological residents and students. It is a cutting edge viewer software with state of the art anatomical references, an additional learning tool and a pathological database. For the first time, a viewer software intelligently links anatomical and pathological references & further information based on indexed images without the need to consult other, analogue sources.

PLUX - Wireless Biosignals, S.A.

Innovative medical devices for Physiotherapy and Research.

Every year, musculoskeletal and cardiovascular disorders affect millions of people worldwide; cardiovascular disorders in particular, are classified by the WHO as the #1 cause of death. Widespread access to proper medical devices and services, can greatly contribute to improve early detection, diagnostic, prevention and management of health conditions, as well as the recovery process (when possible). Costs, ease-of-use and intrusiveness have historically been hindering factors for medical-grade devices to become more mainstream. This project targets the development a low-cost Electromyography (EMG) & Electrocardiography (ECG) hardware module plus companion software, for Google's Project Ara... a smartphone designed for 6 billion people.

www.psious.com
Barcelona, Spain

No one could have said it better:

"Psious Inc., a Barcelona-based virtual-reality company, provides simulations designed to address a variety of phobias, such as the fear of flying and claustrophobia, and each simulation can be tailored to a particular patient. The simulations run on a smartphone connected to a virtual-reality viewer."

The Wall Street Journal

Psious platform provides
"animated situations that allow therapists to use immersion therapy with clients who have anxiety disorders, letting them virtually sit on a plane or ride in an elevator, for example".

TIME magazine

THE PSIOUS STORY
Psious creation was pushed by one of the most powerful movers of all times - fear.
Each and everyone of us has at some point experienced a fear or phobia of something, others still have them today.

In July 2013, fellow university friends and physicists Xavier Palomer and Dani Roig, were encouraged to seek therapy to treat fears of their own (of needles and flight, respectively). In order to handle these, Xavier and Dani thought of the development of an exposure therapy tool that would be

more effective and stand out from traditional exposure therapies, achieving this by the employment of Virtual Reality.

In 2015, Rothenberg Ventures, a fund specializing in virtual reality investments, invested $500 000 in the project helping to complete a $920 000 financing round and allowing the finishing of the product and professionalization of the business.

This is how Psious was born.

The technology

Psious is an online Virtual Reality cloud platform that is created by a team of engineers and psychologists and is marketed towards mental health professionals as a complementary tool to use in their clinical practice. Psious allows the professional to expose its patient to Virtual Reality environments related to the patient's specific phobia or anxiety disorder and in this way improve the treatment and its results.

Psious currently provides Virtual reality settings for the treatment of the following fears: flying, needles, acrophobia, claustrophobia, agoraphobia, fear of public speaking, driving; environments for generalized anxiety treatments, as well as settings for relaxation and general well being.

Remarks

Psious is committed to the advancement of behavioral health and the use of immersive technologies.

The company accumulated numerous awards and nominations that support its innovative character and its potential to revolutionize mental health. Among them are the finalist position in the HITLAB SUMMIT WORLD CUP 2014 or the first prize of Medstartr.com - Health 2.0 NYC

www.scyfer.nl
Amsterdam, The Netherlands

Scyfer, The Deep Learning company is a spin-off from University of Amsterdam.

The project will focus on the analysis and pattern detection in 3D-MRI medical scans and specific brain scans. Goal of this 3D is to automatically detect patterns in order to decide if a patient is developing Alzheimer or related diseases in a very early stage (also applicable to HIV related damage and other damage to brain tissue). These patterns cannot be detected by the human eye. This helps the medical specialist to detect early warnings for those diseases, and make it possible to start treatment in a very early stage. Together with Academic Medical Center this Deep Learning solution improved current state of the art classification from 70% to 80%. Goal of this project is to develop this solution and go to market.

TripMedic

A multilingual service matching patients with healthcare practitioners.

TripMedic.com is a platform that helps travellers find an available health professional in their language, in the location of choice, with the right specialty and with transparent and comparable pricing. We also assist healthcare professionals with a developmental tool (a closed loop structured feedback system) and provide services to healthcare practitioners aimed at reducing admin times and increasing efficacy through better time/capacity management. This is done with tools such as â€" real-time integrated calendars, virtual secretaries, Single-Sign-On, dematerialised strong authentication, mobile eHealth records. All is delivered in a freemium, variable cost format ensuring the highest control and cost effectiveness for practitioners.

umanick®

www.umanick.com
Valencia, Spain

Company specialized in biometric technologies for people identification.

At UMANICK we are committed with the safety of persons and organizations. Our biometric software with fingerprint, face, voice and iris recognition, allows people to identify themselves in an easy and secure way. Something impossible with the traditional methods of cards and passwords.

Our main mission is to safeguard patient safety in the healthcare sector. Our solutions avoid patient harm stemming from identification errors in healthcare processes at hospitals and medical centres. We also eliminate fraud by patient identity theft, reduce healthcare spending, and improve the image and reputation of the hospital.

Other sectors that benefit from our secure identification biometric systems are Banking and means of payment, Public Administration and Education.

More information on www.umanick.com.

amsterdam economic **board**

The mission of the Amsterdam Economic Board is to sustainably enhance the prosperity and well-being of the Amsterdam Metropolitan Area. To achieve this we work together with the business world, governmental agencies and knowledge institutes, focussing on collaboration, innovation and growth.

Our ambition is for the Amsterdam Metropolitan Area (AMA) to have secured a position among the top 3 of Europe's innovative regions by 2025. We can achieve this by creating solutions for urban challenges that will contribute to the liveability of the region.

Dutch eHealth Fund Management

Dutch
eHealth Fund
Management

Dutch eHealth Fund Management provide fund management (services) and participate in projects and initiatives at both national and international level in the field of health and information and communication technology.

We are committed to the up-scaling of Digital Health Care. Therefore, we invest in start-ups and scale-ups that develop high quality eHealth innovative solutions. Our activities focus on the up-scaling through sharing knowledge, experiences, and networks. Our networks consist of health care providers, health care insurance companies, patient organizations, governments and municipalities, industries, incubators, accelerators, investors, financiers, education, etc. Furthermore, we work on Digital Health Care projects for clients, and we are active in (international) collaborations. The European eHealth accelerator FICHe is a good example of a strategic collaboration.

The management of Dutch eHealth Fund Management have a combined experience in entrepreneurship and start-up investment of over 40 years. The founders have an extensive health background, including management positions in health insurance companies, board advisory for University Medical Hospitals, workgroup lead for the Dutch National Health ICT institute and CEO of a company with award winning eHealth product. We have experience as program leader and/or program member for both national and EU subsidy programs.

More information:
oscar.van.dijk@deh-fundmanagement.eu
walter.de.jager@deh-fundmanagement.eu

Fundación para la Formación
e Investigación Sanitarias
de la Región de Murcia

The Foundation for Healthcare Training and Research of the Murcia Region (FFIS) is a public nonprofit organization, established by the region of Murcia in charge of promotion, development, management and dissemination of biomedical research programs and management structures of regional research, so Institutions and Health Centers.

The Institute for Bio-health Research of Murcia (IMIB), run by the Foundation on behalf of the regional Ministry of Healthcare and the two public regional Universities, aims to foster excellent research in bio-health and brings together the best clinical research groups in the region. FFIS participates in the consortium representing the regional Ministry of Healthcare and the SMS. FFIS is now working on with some European Projects from FP VII and H2020.

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SERVICIO MURCIANO DE SALUD (SMS)

Servicio
Murciano
de Salud

Is the Public Health Agency of Murcia (SMS), which is responsible for health care in the Region of Murcia, integrating a total of 11 hospitals, with 3,651 beds and 508 outpatient appointments of primary care, and provi-

ding health care to 1.47M inhabitants (about 3.09% of the whole Spanish population).

In the exercise of its functions, the SMS provide services and develop the following actions:

a) Health Promotion.
b) Prevention of the disease.
c) Comprehensive primary care health.
d) Specialized Healthcare.

Also integrated in the HSARD is the Social Care Institute of Murcia (IMAS), which has competences in social policy in the region, and its areas of activity include: Seniors, Persons with disabilities, People with chronic mental illness, People at risk of social exclusion and Any other group in need of protection.

It is noteworthy that the Region of Murcia is considered an expert Living Lab by firms specialized in the implementation and evaluation of health-related technologies, as a perfect location for a number of reasons including the following: Single-province region, which means faster political and administrative decision-making, saving time, money and resources.

The population typology and characteristics of the different health districts are heterogeneous. There are an increasing number of foreign people that choose to retire in Murcia.

The technological infrastructure of the Public Health Agency of Murcia, which has a tradition of supporting innovation, allows for rapid, solid implementation of added value applications.

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Stichting Digitalezorg.nl

Stichting Digitalezorg.nl is a Dutch center of knowledge for Digital Health. Our mission is to contribute to the successful initiation and implementation of digital health innovations.

We create connections between partners in the multilevel stakeholder eco-system, share high quality content and disseminate project results that support the future of digital health. By doing so we strive to boost the evolution of health powered by technology.

Flagship services are our cross media communication suite reaching 40.000+ digital health readers and followers across Europe, our European Digital Health Innovation Accelerator Hub based in Utrecht (NL) that offers 40+ meetups and workshops annually (opens Fall 2016) and our high quality events ranging from the HIMSS US European startup trip and the Pan-European Health Games conference and chapters.

We also contribute to the content or exposure of third party events, both national as well as European: eHealthWeek, Health 2.0, Med-e-Tel, Zorg&ICT, MobileHealthcare, AAL Forum and many more.

Stichting Digitalezorg.nl is Dutch representative at the International Society of Telemedicine and eHealth (ISfTeH), founding partner of the HIMSS Dutch Community.

For more information or opportunities:
Paul Pelsmaeker, Co-founder and Chairman (pelsmaeker@digitalezorg.nl)
Martijn Claus, Co-founder and board member (claus@digitalezorg.nl)

⊕ticbiomed

TICBioMed is a cooperative cluster of companies, universities, healthcare providers and public institutions that work together to foster innovation in eHealth. The cluster is headquartered in the region of Murcia (Spain). Its members include the local public Healthcare system, 4 private hospitals, 3 Universities and 45 ICT companies. In addition to this regional ecosystem,

TICBioMed has built an extensive European network of 2000+ eHealth contacts thanks to several initiatives like the EU SME eHealth Competition or the eHealth Roadshow.

As part of its core expertise, the association has specialized in the identification of unmet needs and challenges in Health that can be solved with the use of ICT. The objective is to spot areas of opportunity for the development of profitable eHealth innovation, following a methodological approach when interacting with potential customers and end-users (healthcare managers, professionals, patients, etc.). The methodology can be also leveraged for the identification functional requirements.

TICBioMed also makes a strong emphasis on Business Modelling, in order to realistically address market opportunities in the eHealth space. The association has a track record of business mentoring and support to entrepreneurs and SMEs, which can be also applied to the development of project-specific exploitation plans.

To know more about what we do, please visit www.ticbiomed.net.

TNO innovation for life

TNO is an independent research and innovation institute in the Netherlands that employs around 3,000 specialists. The mission of TNO is to connect people and knowledge to create innovations that boost the competitive strength of industry and the well-being of society in a sustainable way.

Our strategy is a reflection of the trends we observe in society and technology. In close coordination with our stakeholders we have defined five transitions on which we will focus. These are in line with the challenges and ambitions of policy and social themes in the Netherlands and the rest of Europe. The transitions can be summarised as follows:

- Industry: from economic stagnation to growth in high-technology industry.
- Healthy Living: from illness and treatment to health and behaviour.
- Defence, Safety & Security: from a wide range of threats to controllable risks.
- Urbanisation: from urbanisation bottlenecks to urban vitality.
- Energy: from conventional sources to sustainable energy systems.

TNO is a major player in a growing international network comprised of leading scientific institutes, companies with ambitious development profiles, universities and other partners in knowledge. The knowledge TNO develops, integrates, will make applicable and puts into practice will only have value if we can use it to have a real social and economic impact. TNO has extensive experience in (inter)national projects concerning eHealth, Ambient Assisted Living, Big Data, and in support for Start-ups and SME's in the area of Healthy Living.

TNO (The Netherlands Organisation for Applied Scientific Research) (www.tno.nl).

University of Oulu: OULLabs and CHT

OULLabs is a living lab in the Center for Ubiquitous Computing research unit within the University of Oulu, Finland. OULLabs aims to provide a diverse environment for innovation, research, development and testing of new applications and services in authentic environment with real end-users through user involvement tool PATIO (www.patiolla.fi). OULLabs aims to enlarge the utilization of the common infrastructures by gathering them into a one-stop-shop - based entity from where a customer company can easily order a comprehensive user test for a new application. OULLabs environment is used in several international and national projects for involving users in the development of products and services.

The Centre for Health and Technology (CHT) is an innovation unit at the University of Oulu, Finland. Through Oulu Innovation Alliance unique co-operation model CHT supports multidisciplinary Research, Development and Innovation activities in the OuluHealth ecosystem. CHT acts by composing and coordinating RDI projects in cooperation with universities, research centers, enterprises and public sector worldwide. CHT focuses on the development of new service innovations, care solutions as well as new business opportunities in the area of personalized health and care.

OULU | *BusinessOulu*

OULU HEALTH

BusinessOulu, an enterprise owned by the City of Oulu, is responsible for implementing the city's industry policies and providing companies with development services.

BusinessOulu is in charge of implementing the City of Oulu's industry policies, and providing growth companies with the services they require, in addition to promoting export, import, investments, and employment. With the help of its international partner network, BusinessOulu acts as a partner to companies and helps them grow, particularly in the north, where it leads and participates in the operations of Finland Houses. BusinessOulu makes a determined effort to develop tourism and provides assistance in running successful meetings, conferences and events.

Oulu's innovation environment, ecosystems and think tanks create innovations in a bold and productive manner. The aim is to rapidly develop business opportunities and significantly increase start-up investments. BusinessOulu's OuluHealth ecosystem is in charge of the Future Health theme under the nationwide Innovative Cities (INKA) 2014–2020 program.

We believe that entrepreneurship in Digital Health contributes to affordable and accessible high-quality care. Therefore our aim is to accelerate start-ups and scale-up in digital health.
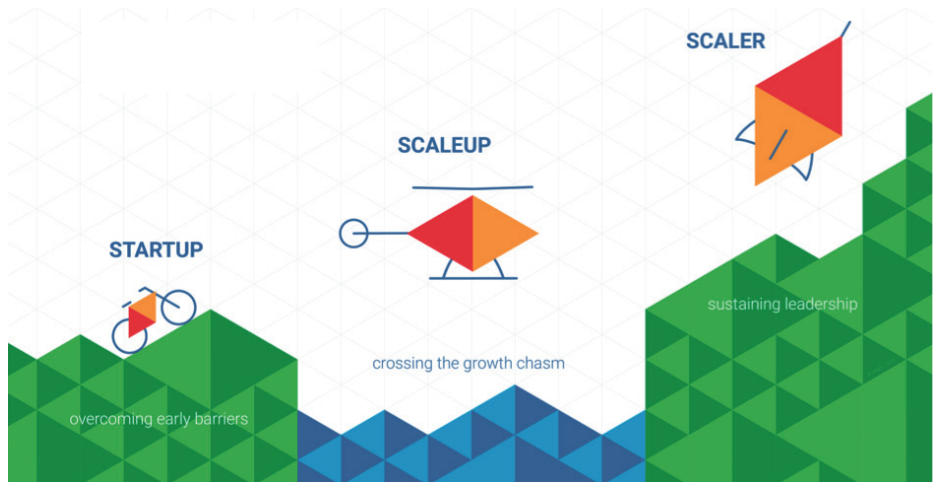
We support the entrepreneurs in successfully up-scaling their activities. With us, they find the best climate to accelerate their startup and growth into a scale-up or mature company. In this way, we help for example with arranging partners for validation, up-scaling of sales and marketing, contacts with health care insurance companies and investors and international expansion. Furthermore, we continuously challenge entrepreneurs on topics such as business model, market potential, organization, team and personal development.

1-on-1 Support Programs and Acceleration Programs
Interested in scaling up your digital health startup or in developing an Acceleration Program for Digital Health entrepreneurs? www.zorginc.nl.

FIWARE Accelerate
Join the innovation ecosystem

The **FIWARE** Community is an independent open community whose members are committed to materialise the FIWARE mission, that is: "to build an open sustainable ecosystem around public, royalty-free and implementation-driven software platform standards that will ease the development of new Smart Applications in multiple sectors".The FIWARE Community is not only formed by contributors to the technology (the FIWARE platform) but also those who contribute in building the FIWARE ecosystem and making it sustainable over time. As such, individuals and organizations committing relevant resources in FIWARE Lab activities or activities of the FIWARE Accelerator, FIWARE mundus or FIWARE iHubs programmes are also considered members of the FIWARE community.

The FIWARE Acceleration Programme aims at promoting the **take up of FIWARE technologies** among solution integrators and application developers, **with special focus on SMEs and start-ups**. Linked to this program, the EU launched an ambitious campaign in September 2014 mobilizing 80M€ to support SMEs and entrepreneurs who will develop innovative applications based on FIWARE. Similar programmes may be defined in other regions.

More information on FIWARE: www.fiware.org.