

# ECHAlliance Spanish Ecosystem Gathering

## Welcome





## **ECHAlliance: who are we?**





#### **Andy Bleaden**

**Communities Director** 

**ECHAlliance** 



**Ecosystems** 

1,000+

Thematic Innovation

Member Organisations

13



## is the Global Connector for Digital Health connecting 78 Countries and 4.4 billion people

As a member organisation we bring our global community together in a network of ecosystems that match need and solution, break down silos, transform healthcare and create economic opportunities. Join us as a member and promote your organisation, grow your networks, connect with innovators and collaborate globally.



75+

the globe

22,000

Experts

Ecosystems across





## ECHAlliance International Network of Digital Health Ecosystems







We have developed a brand new set of ECHAlliance Group Thematic Innovation Ecosystems that target cross-border themes led by our ecosystems and members to match need and solution and foster collaboration.



# Launch of the ECHAlliance Spanish Presidency Connector





### **Adriana Díaz**

**Communities Manager** 

**ECHAlliance** 

# Launch of the ECHAlliance Spanish Presidency Connector



## **Download it here**







# ECHAlliance Spanish Ecosystems

## **ECHAlliance Spanish Ecosystems: Round 1**





#### **Ramon Maspons**

Chief Health Innovation Strategist

Ministry of Health, Government of Catalonia & Chief Innovation Officer, AQuAS



#### Gisela Garcia-Alvarez

Managing Director

Cluster Saúde de Galicia



Jonathan Gómez-Raja

**Chief Scientific Officer** 

Fundesalud

# **Catalan EHealth Ecosystem**





#### Ramon Maspons

Chief Health Innovation Strategist

Ministry of Health, Government of Catalonia & Chief Innovation Officer, AQuAS

#### Information Systems Master Plan



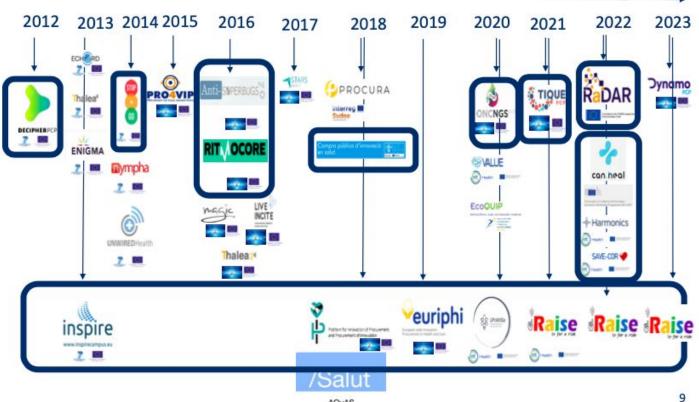
BIG DATA	AI
<ul> <li>The Plan proposes a technological architecture (called Data Lake ) that allows:</li> <li>Work directly on the base data repository (the transactional repository)</li> <li>Add semi-structured or unstructured information in multiple formats.</li> <li>Create conventional data warehouses (Data Warehouse), as well as different structures and analyzes (non-relational or not only relational).</li> </ul>	<ul> <li>Al use cases in SISCAT:</li> <li>Greater individual and population knowledge of people affected by the disease.</li> <li>Improvement of public health systems.</li> <li>Increasing the quality of clinical information and its processing.</li> <li>Healthcare help and decision-making support for doctors and nurses.</li> <li>Predictability of care demand.</li> <li>Citizen empowerment.</li> </ul>
TELEHEALTH AND MOBILITY	loT
<ul> <li>Telemonitoring: remote control and monitoring of a patient's health.</li> <li>Teleassistance : remote care service for immediate support with people at risk, with mobility problems or without a carer.</li> <li>M-health: provision of services with mobile technology (apps and others).</li> </ul>	<ul> <li>Use cases of the Internet of Things in SISCAT</li> <li>Monitoring and optimization of installations, equipment and work flows.</li> <li>Smart home environments that facilitate remote patient monitoring.</li> <li>Environmental indicators for prevention and response in cases of risk or emergency.</li> </ul>

- · i-health: personalized, individual and intelligent health.
- Health 2.0: health uses of social networks (expert patients, patient communities and caregivers).

AQuAS

#### AQuAS and the Catalonian healthcare system journey towards the adoption of value-based innovations





#### **Other initiatives**

- Road map to accelerate the adoption of innovation to the Catalan Health System –Operating Plan
- Subcommittee on Innovation Adoption in Healthcare, coordinated by Biocat at the behest of the Catalan Ministry of Health
- Subcommittee on Value Based procurement coordinated by AQuAS at the behest of the Catalan Ministry of Health
- Subcommittee on Primary Care, coordinated by Biocat at the behest of the Catalan Ministry of Health
- · Subcommittee on Preparedness , coordinated by Catalan Ministry of Health
- · Subcommittee on Moonshot projects , coordinated by Catalan Ministry of Health
- Transformative projects
- · CriticCat -transforming management model for critical patients and ICU
- Digital Pathology and AI
- Personalized Medicine
- Center for Artificial Intelligence in Medicines (CIAM)







#### "Change Has Never Been This Fast. It Will Never Be This Slow Again"

#### ramon.maspons@gencat.cat



AQuAS

## **Galician Ecosystem**





Gisela Garcia-Alvarez

**Managing Director** 

Cluster Saúde de Galicia

## **GALICIAN DIGITAL HEALTH ECOSYSTEM**



FORUM International Challenge of the Health Eccosyster







Highly aged population (24.93% +65 years old) Great dispersion of population of the territory +200 Million will be invested in Digital Transformation

# **Extremadura Health Ecosystem**





#### Jonathan Gómez-Raja

**Chief Scientific Officer** 

Fundesalud

# Extremadura Health Ecosystem





#### Healthcare System

- 14 Hospitals (2.824 beds)
- 2 Mental Hospitals (816 beds)
- 113 Community Health Centers
- 420 Primary Care Centers

SES

79 other centers (Detox centers, etc.)





JUNTA DE EXTREMADURA



#### Social Care System

- Disability services (8903)
- Dementia services (840)
- Seniors services (5088)
- Severe Mental Disorders Services (823)
- Telemedicine (4000 devices)





## **ECHAlliance Spanish Ecosystems: Round 2**





Pablo Gómez

President

**Cluster SIVI** 



#### **Carlos Lapuerta**

Managing Director

Arahealth



Idoia Muñoz Managing Director

**Basque Health Cluster** 

## Castilla y León Health & Social Care Ecosystem



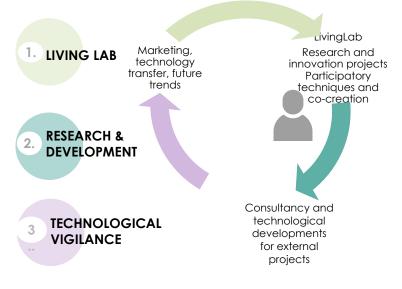


### Pablo Gómez

President

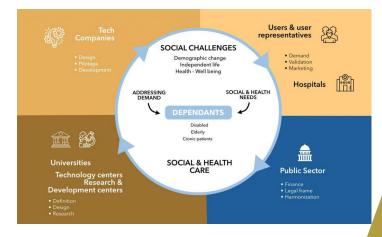
**Cluster SIVI** 

## **Castilla y León Health and Social Care Ecosystem**



Innovate and develop technology that supports continuity of care with an applied, participatory and empowering approach.

- The ecosystem comprises 65 entities, covering the entire value chain of the care ecosystem for people, including Civil Society, Technology and Research Centers, Private Companies and Public Administration.
- The ecosystem is directly oriented to social services and the field of dependency and care
- The ecosystem aims to make available new and better services supported by a digital transformation process that complements and facilitates professional care.
- Fields of technological application and solutions: Independent Life, Active and Healthy Ageing, Silver Economy, Mental health.







# Aragón Health Ecosystem





#### **Carlos Lapuerta**

**Managing Director** 

Arahealth

Aragón Health Cluster

### Aragón

70% spanish GVA inside a 300km radius circle

1.3 million people in Aragón, 673,010 live in Zaragoza (Aragón, 2022)

27,86 people per square kilometer Aragón, 2022)

22,1% > 65 years old (Aragón, 2022)

 $\Rightarrow$  aging in sparsely populated rural areas

Health sector: 8,61% of the regional GVA (Aragón, 2020)

70,43% public health expenditure (Spain, 2022)

### Arahealth

53 members (42 companies), 14 collaborators with complete value chains in some cases.

Our main services: R+D+i funding, international business, in addition to some training, talent management...

Relationship management: Very well connected with the regional public and private sectors + national networks.

⇒ We are the entrance to the public and private sector in our region

#### Aragonaise ecosystem

7 private hospitals, private sector above national average 13 public hospital (or specialized centers)

IIS Aragón (clinic public research) IACS (innovative solutions for public health system)



www.arahealth.com

## **Basque Health Ecosystem**



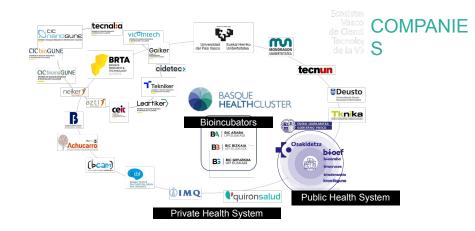


### Idoia Muñoz

**Managing Director** 

**Basque Health Cluster** 

## BASQUE **HEALTH** ECOSYSTEM



Bio-Health private sector 2,5% GDP 2,400 M € Cluster private sector 1,8% GDP 1,650 M €



- The strategic commitment of the Public Administration. The biosciences and health sector being one of the three RIS3 priorities.
- a solid public health system.
- 6 leading private hospitals with 45,000 employees.
- 4 Health Research institutes.
- More than 20 research centers with more than 2,500 people dedicated to R&D.
- An R&D expenditure focused on biotechnology that represents 10% of total national R&D expenditure.
- More than 240 companies.
- Main hub in Advanced Therapies in Southern Europe.



#### OSASUN POLOA STRATEGY

FUTURE REFERENCE HEALTH HUB

(Opening 2025)





# **Break**



# ECHAlliance Members working in Spain

## **ECHAlliance Member working in Spain: Round 1**





## Jovan Pavićević International Markets Director



#### Àuria Albacete

Senior Innovation Project Leader

BIOCAT



## **Nuria Pastor Chief Executive Officer**

**HumanITcare** 



Patricia Ripoll President

**Fundación Visible** 

## Better





Jovan Pavićević

**International Markets Director** 

Better



# Healthcare architected around the patient

Jovan Pavićević International Markets Director, Better



# BIOCAT





## Áuria Albacete

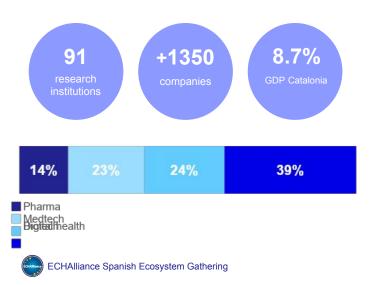
Senior Innovation Project Leader

BIOCAT

#### The BioRegion of Catalonia

A Thriving Life Sciences and Healthcare Hub in Europe

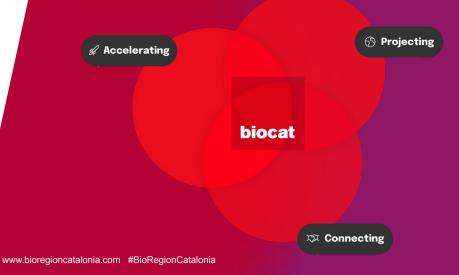
- A robust and diverse ecosystem
- World-class science and technology
- Top-notch local and international talent
- High competitive cost and incentives
- On the global radar for life sciences FDI
- Quality of life: wellbeing of professionals



#### **Biocat**

#### Accelerate and promote the BioRegion of Catalonia

- Promoting, transforming and projecting the Catalan life sciences and health innovation ecosystem
- Established in 2006 to identify the needs of the BioRegion and implement a strategy and action plan to maximize the economic and social impact of the sector



# HumanITcare





## **Nuria Pastor**

**Chief Executive Officer** 

HumanITcare

# **Covering the pathway of the users with**

CONFIDENTI







# **Fundación Visible**





# **Patricia Ripoll**

President

**Fundación Visible** 



# WHAT IS NOT UNDERSTOOD, \* DOES NOT EXIST

Lead the effort to create projects that help understand and communicate conditions that alter the *quality of life*\* of people.

\* Anything that negatively affects situations derived from illness, environment, family and society

Make accessible everything that we ignore that affects the quality of life of thousands of people in their day to day, to transform and redefine the way of dealing with it.

# OUR VALUES

#### IDENTIFY TO SHARE

We believe that you have to fight every day to identify everything that someone feels and affects their quality of life but is camouflaged by layers that may be more important, such as a disease, an environment... but that deep down are only increasing elements. And we identify them to share them, to make them ours, to make them everyone's.

## \*

#### UNDERSTAND TO CHANGE

Because we know that there is only one possible way to do things: understand them. And if we understand them, we will change them, we will improve them, we will treat them... We believe that everything starts with understanding what it feels like when no one sees what is happening to you.

#### EFFORT FROM THE PATIENT

We believe in striving to see the world from your eyes, from your needs and concerns; to understand and be close. A real effort, a transforming effort. **Because the invisible needs a special effort**, and we want/can commit to that effort



MISSION

**VISION** 



VISIBILIZE

That which affects us so that it is understood



INVESTIGATE

Support research to create evidence



EMPOWER

Educate and empower to be responsible and part of the change

#### www.fundacionvisible.org



# **ECHAlliance Member working in Spain: Round 2**







#### Roger Suarez

International Networks Manager

ACCIÓ



Shane Fitch CEO & Founder Lovexair Foundation



Gabriela Irrazabal

Digital Health Research Fellow

RMIT University

# **McKinsey**





# Álvaro Carpintero

Partner

McKinsey

# McKinsey's work in Digital Health

## Leveraging our extensive offerings and expertise to drive impact for a diverse set of clients

#### What do we bring?

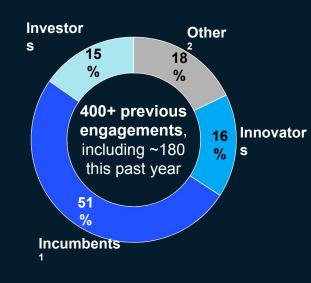
**30+** ready-to-deploy proprietary assets and tools

2,000+ direct company connections across HealthTech ecosystem

**30+** global and regional events, including annual Digital Health Conference

**400+** knowledge nuggets and OTS resources, including company profiles, deep dives, and case studies

**100+** colleagues globally with deep expertise across digital health topics, products, and solutions



#### In which fields do we aid growth?

**Products and markets** Software delivery excellence (incl. modularity); Evidence generation; Design of offering (via Veryday Design), US market entry / EU expansion strategy

**Tech and data** Design and develop future-proof tech architecture; Deploy advanced analytics/AI / data; Cyber security

#### Scaling the organization Board

effectiveness; CEO excellence and top-team effectiveness; Agile way of working at scale; Recruiting and team building; Internal operations

## Equity, financing & IPO

**preparation** Equity story (incl. strategy, business case); IPO preparation; Investor strategy; M&A strategy & scan; Merger Management

**Go-to-market** Digital marketing execution; B2B sales effectiveness / sales channel and partnerships; Pricing and bundling; Product launch support / product launch control tower

# ACCIÓ



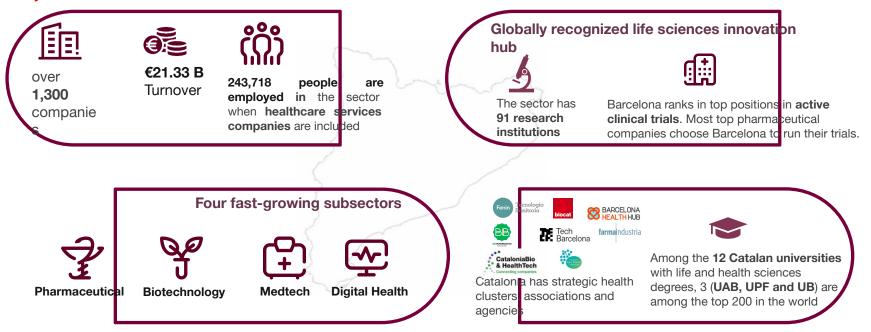


# **Roger Suarez**

International Networks Manager

ACCIÓ

# Catalonia: an economy with strong, diverse life sciences and healthcare ecosystem





**Catalonia**Connects

# **Lovexair Foundation**





# Shane Fitch

**CEO & Founder** 

**Lovexair Foundation** 





# **ECOSYSTEM**

Patient app+clinical platform+CRM Wearables & IoMT Capacity-building+ **Reskilling for HCPs** Project management for respiratory communities & Patient organizations



# **HYBRID CARE**

Active lifestyle programs For specific diseases Social engagement +Education+Coaching Self-care & Treatment control in remote settings Equitative access





## **PROGRESS**

Shared journey with HCP teams for timely interventions, PROs, PREMs

Behaviour change Tiny habits, lifestyle

#### change

Adherence

## RESEARCH

Analytics on progress, trends, feedback, surveys Protocol innovation with tech+clinical experts Prepared data for future Al application, ethics & quality control advisors Reports, publications **Digital Health** EHTEL

Uptake





# **RMIT University**





# Gabriela Irrazabal

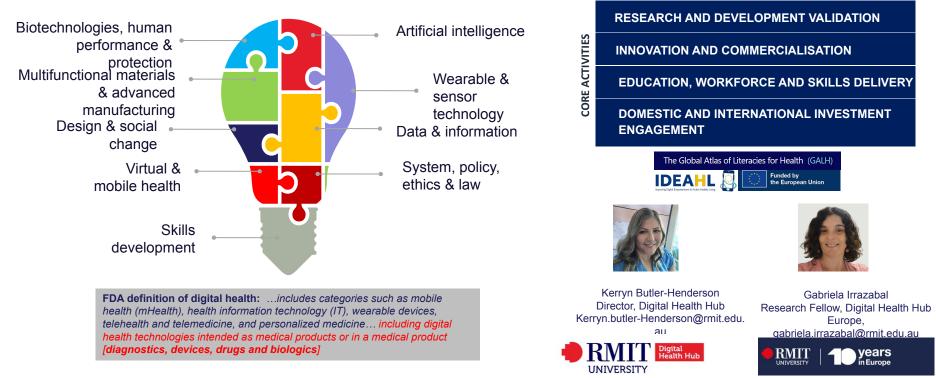
**Digital Health Research Fellow** 

**RMIT University** 

# **RMIT Digital Health Hub**

## A vision for building a collaborative ecosystem with industry.

The Digital Health Hub will help grow and nurture a unique, **collaborative multi-sectorial ecosystem** to engage and advocate for **Australian digital health innovation** both **nationally and internationally** to support health and care **across the lifespan of the citizen**.



https://www.rmit.edu.au/partner/hubs/digital-health-hub

https://www.rmit.eu/research-projec

# **ECHAlliance Member working in Spain: Round 3**





Gemma Estrada Bertran

Head Digital Health & Technology

Ferrer



Marta Sánchez Bret

Manager

WeMind Cluster



# Marja Huiskamp Chief Communication Officer Barcelona Health Hub

#### **Elena Rocher**

**Project Coordinator** 

Las Naves

# Ferrer





#### Gemma Estrada Bertran

Head Digital Health & Technology

Ferrer



# 5<sup>th</sup> anniversary

# **Building healthier societies through**

digital technologies.

# **WeMind Cluster**





# Marta Sanchez Bret

Manager

WeMind Cluster



Innovation and business development in mental health, ageing and neurosciences



A holistic user-centred approach to health and social issues throughout people's livespan to promote and develop personal autonomy. Boosting competitiveness, talent and innovation by cultivating cooperation among the ecosystem agents and integrating the different stakeholders within the value chain.

## Key facts in Catalonia



- 722 companies: - 82% are SMEs
- 50% set up between 2000-2020 and 50% before tge 21st century



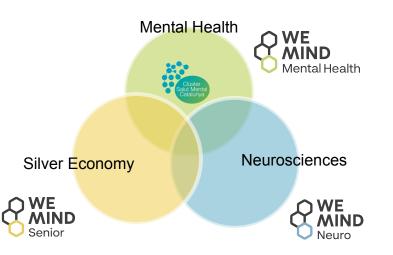
- 9.244M€ Turnover - The sector represents 3.79% of the total Catalan GDP - Segment with the highest %: Pharma and



complementary industry (48%)

- The city of Barcelona is
- home to **287 companyies** (37%) of the MH & autonomy
- sectors.
- Geographical Distribution:
  - 79% province of Barcelona
  - 6% Girona
  - 5% Lleida
- : 62.4 04 EAABloyees
- 70% are service providers

#### WeMind perimeter



# **Barcelona Health Hub**





# Marja Huiskamp

**Chief Communication Officer** 

**Barcelona Health Hub** 



resident companies members

pavilions

500 people 5000 m<sup>2</sup> Barcelona Health Hub is a non-profit organization that advances innovation in digital health

# Las Naves





# Elena Rocher

**Project Coordinator** 

Las Naves

AJUNTAMENT Missions **LASNAVES** 

&

Other...

An initiative for alència 2030/ **INNOVATION MODEL** LAS NAVES climate mission 4 STAGES OF INNOVATION + 5 HELIXES OF INNOVATION Civil .03 .04 .02 Society Knowledge Testing **Evaluation** Outreach transfer & & Public Academy Experimentation Dissemination Sector Connection Scale-up HELIXES **Private** Media Sector **STAGES OF INNOVATION** HELIXES OF INNOVATION 2017 2023 **AHA Challengues** SW0 1.480.983€ 7 EU Projects Childhood Obesity Energy Poverty + Health 2 Regional Projects 2.580 **Innovative solutions** 

> VALENCU IROPEA analana di da

participants

THE BEST IS YET TO COME....

+ OWN

**Funded projects** 

# Panel debate: how to go international?





# Jonathan Gomez Raja

**Chief Scientific Officer** 

FundeSalud



# Gisela Garcia-Alvarez Managing Director

**Cluster Saúde Galicia** 

## Moderated by:



Adriana Díaz Communities Manager



#### Àuria Albacete

Senior Innovation Project Leader

BIOCAT



#### Jovan Pavićević

International Markets Director

Better

ECHAlliance

# Wrap Up & Conclusions





# Andy Bleaden

**Communities Director** 

**ECHAlliance** 



# Where can we collaborate better?



# DHWS24 @ MWC - 4YFN

# D H W S 2 4

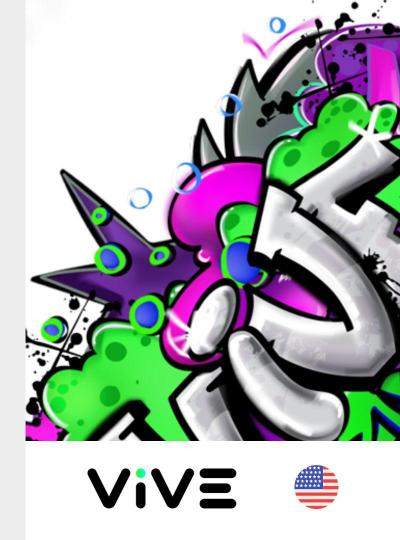






# The ECHAlliance Global Health Connector @ ViVE







DISCOUNT FOR ECHALLIANCE MEMBERS for more information contact <u>alejandra@echalliance.com</u>

# The ECHAlliance Global Health Connector Event @ HLTH Europe





AMSTERDAM THE NETHERLANDS







# Follow us on social media



www.echalliance.com



# Thank you

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