



# Global Health Connector Village @ HLTH23



OCTOBER 8-11 2023 | LAS VEGAS USA

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# Global Health Connector Village @ HLTH23



OCTOBER  
8-11 2023



LAS VEGAS  
USA

## International Healthcare Opportunities with ECHAAlliance and The Digital Health Society



**Bleddyn Rees**  
The Digital Health Society



**Andy Bleaden**  
ECHAAlliance



**hlth.**

# The Digital Health Society


October 2023


**Bleddyn Rees**

Chair at The Digital Health Society

 [www.echalliance.com](http://www.echalliance.com)

 [bleddyn@echalliance.com](mailto:bleddyn@echalliance.com)

 @ECHAlliance

 @BleddynRees



# What is the Digital Health Society (DHS)?



- Created during the 2017 Estonian EU Presidency to promote digital health & the Estonian Xroad
- Multi-stakeholder involvement
- 200+ organisations participated
  - Patients, citizens, consumers representatives
  - Policy-makers: member states national ministries, regions, cities
  - Healthcare providers and professionals
  - Universities and research centres
  - Insurers (public and private) and their EU platforms
  - Companies (large and SMEs/start-ups)
  - Standards organisations
  - EU networks related to health, wellbeing and technology



# The ECHalliance Group



DHS enables multi-stakeholder dialogue on healthcare data policies and practices. As a legacy of the Estonian Presidency of the Council of the European Union in 2017, it was formed to promote the adoption of digital health and the use of health data.  
[thedigitalhealthisociety.com/](https://thedigitalhealthisociety.com/)



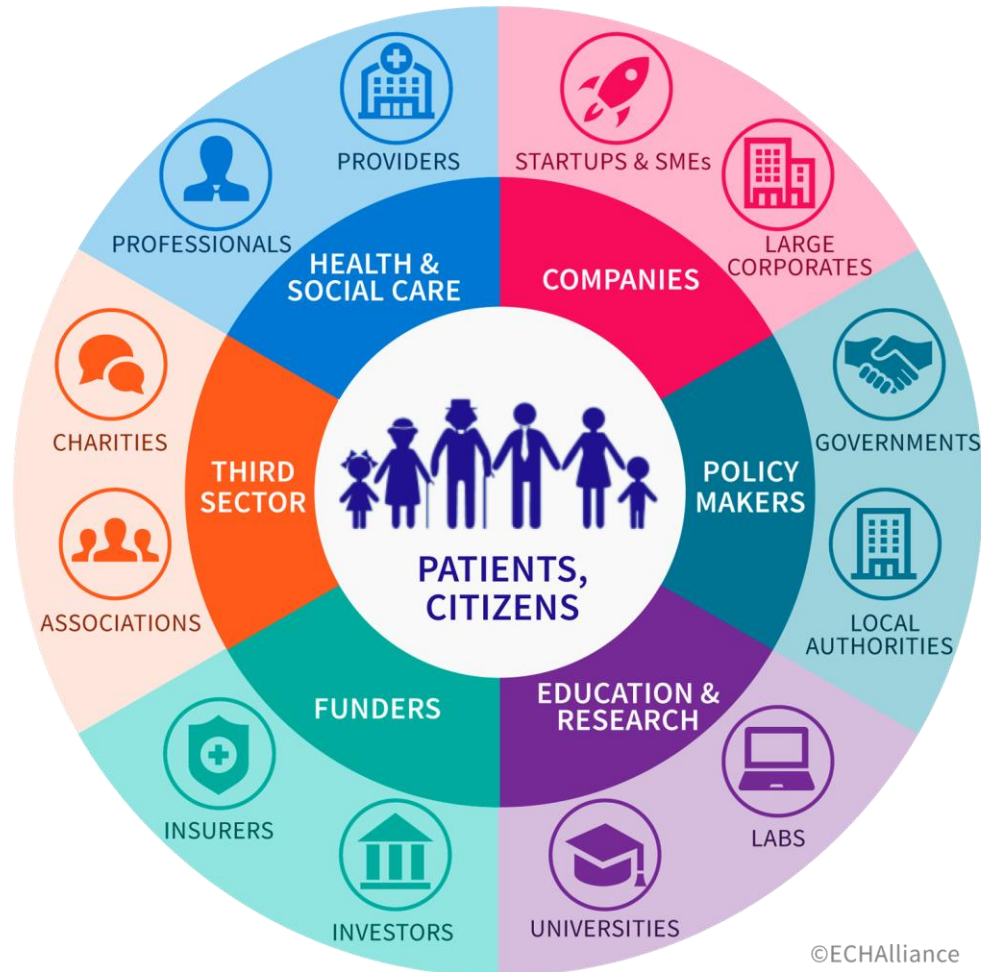
GHCP connects global health communities targeting health inequalities, skills and data. The GHCP Council includes leading organisations from USA, Africa, Commonwealth, Australia, India and Europe. We launch high-level events on 4 themes: Disparities Globally, Digital Skills Workforce, Data & Digital Services and Green Health.  
[echalliance.com/the-global-health-connector-partnership/](https://echalliance.com/the-global-health-connector-partnership/)

## International projects

Our Innovation Team delivers Research & Innovation projects in health and data sharing/governance, scouts funding opportunities for our community, builds consortia and designs project proposals involving our ecosystems and members.

As project partners we carry out policy and socio-economic studies, market analysis, exploitation and dissemination tasks and can lead on stakeholder engagement to ensure the project sustainability.





...bring together a permanent community of stakeholders to develop a joint health agenda, aiming to address and find common solutions to regional health challenges

## Match Need and Solution

The main benefit of working together in an Ecosystem is the multiplier effect of collaborating in our International Network of Ecosystems.

- break down silos,
- transform healthcare delivery,
- create economic growth

# ECHAlliance International Network of Digital Health Ecosystems



## Thematic Innovation Ecosystems (TIE)

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.



Argentina	Denmark Scandinavia Nordic Health 2030 SouthernDenmark	Germany Hess Nuremberg Rheinland Stuttgart & Neckar-Alb	Malta	Romania North East Transylvania South West Oltenia	Sweden Health & Welfare Technology North Sweden Life Science
Australia Melbourne	England London Manchester North West Coast Yorks/Humber South West Coast	Greece Athens	Mexico	Serbia	Turkey
Austria	Estonia	Hungary West Hungary	Moldova	Scotland Highlands & Islands Scottish Digital Health & Care	Ukraine
Belgium Brussels Flanders	Finland Central Finland Helsinki Kuopio Oulu Ostrobothnia South Ostrobothnia	India	Netherlands Health Valley Friesland	Slovenia	Uruguay
Bulgaria	France Bretagne Hauts-de-France Lille Nice Normandy Nouvelle-Aquitaine	Israel	Northern Ireland	Spain Castilla y León Catalonia Basque Country Extremadura Galicia Com. Valenciana Madrid	USA Central Florida Massachusetts
Canada Canada Age Well Quebec		Italy Treviso	Norway Health Tech Cluster Smart Care Cluster	Sri Lanka	Wales
Chile		Lithuania	Poland		Zimbabwe
Czech Republic		Luxembourg	Portugal Digital Health Portugal Health Cluster Portugal SHAFE Portugal		
Croatia			Republic of Ireland		



- Thought leadership activities focused on digital and health data e.g the Round Table Programme
- Annual DHS Virtual Summit
- Digital and health data activities of the ECHAlliance Global Health Connector initiatives
- AI Club
- Providing expertise for EU funded research & development projects
- Planning Hospital clubs (benchmarking , collaborations for innovation and research and commercial activities).





# Calls to Action on Health Data Ecosystems

RECOMMENDATIONS FROM  
MULTI-STAKEHOLDER ROUND TABLES



# Multi-stakeholder consensus recommendations

**1** **Raise the digital, literacy & skills of all stakeholders**

**2** **Generate and value trustworthy Real World Evidence**

**3** **Accelerate interoperability across Europe and globally**

**4** **Demonstrate benefits to society from data access, use and reuse**

**5** **Adopt a risk stratification approach**

**6** **Build a trustworthy framework for data access and use**

**7** **Adopt a transformational approach to health data**

# Multi-stakeholder consensus reports: scaling up health data ecosystems

Multi-stakeholder events and reports 2020-22,  
joint with Digital Health Society, sponsored by MS, J&J and MSD



Read the DHS Round Table published reports



- The 5th Summit in 2023
- Moved to Virtual Summit 2-day format during the pandemic
- In 2022 almost 1,000 registrations from 95 countries!
- Industry, Academia, Policy Makers & NGOs
- Showcases innovations, capabilities of countries and informs and addresses key health policy subjects



#DHSSUMMIT23

# 5th DIGITAL HEALTH SOCIETY SUMMIT

14-15 NOVEMBER 2023

Register  
free today



the  
digital health  
**society**

The data arm of  
ECHAlliance Group



- Invite only & Chatham House rules apply to meetings
- Launched in 2022/23
- Chaired by Professor Rachel Dunscombe, UK AI Council & DHS Director.
- Industry (Tech, Pharma, Medtech), Academics, Clinicians, & Regulators are members
- 4 virtual meetings a year and some virtual email working. Spin off from Round Table Digital Health Programme.
- Discussing shared challenges, possible solutions and sharing know-how and information
- About to publish its first paper on AI in healthcare

# Thank you!

**To get involved with DHS  
become an ECHAlliance  
member**



**Bleddyn Rees**

Chair at The Digital Health Society

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 [bleddyn@echalliance.com](mailto:bleddyn@echalliance.com)

@ECHAlliance

@BleddynRees



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PROTEAN  
BIODIAGNOSTICS

GLOBAL VILLAGE EXHIBITOR



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LAS VEGAS  
OCT 8 - 11, 2023

# PROTEAN

## BIODIAGNOSTICS

Improving outcomes for cancer  
patients everywhere.

Visit us in **Booth 3441** (Kiosk 19)

# Anthony Magliocco

MD FRCPC FCAP

*Founder & CEO of Protean*

- Medical Doctor, Professor, Scientist
- 30+ years experience on the front lines of cancer care
- Specialist in precision medicine
- Host of the Cancer Informant podcast on YouTube, Spotify and Apple Podcasts  
[www.cancerinformant.org](http://www.cancerinformant.org)

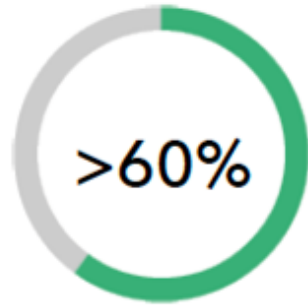


# The Problem in Cancer Care

The growing gap in the quality of cancer care at community cancer centers has been recognized by several recent American Society of Clinical Oncology Studies.



**Cancer Patients**  
Are treated outside  
major academic  
centers



**Oncologists**  
Are confused by  
diagnostic choices  
and treatment  
selection



**Cancer Patients**  
Receive incomplete  
or incorrect  
diagnostic reports



**Cancer Patients**  
Are enrolled in clinical  
trials



**Lung Cancer Patients**  
Do not get  
recommended EGFR  
testing

<https://ascopost.com/news/60114> | <https://meetinglibrary.asco.org/record/173392/abstract>

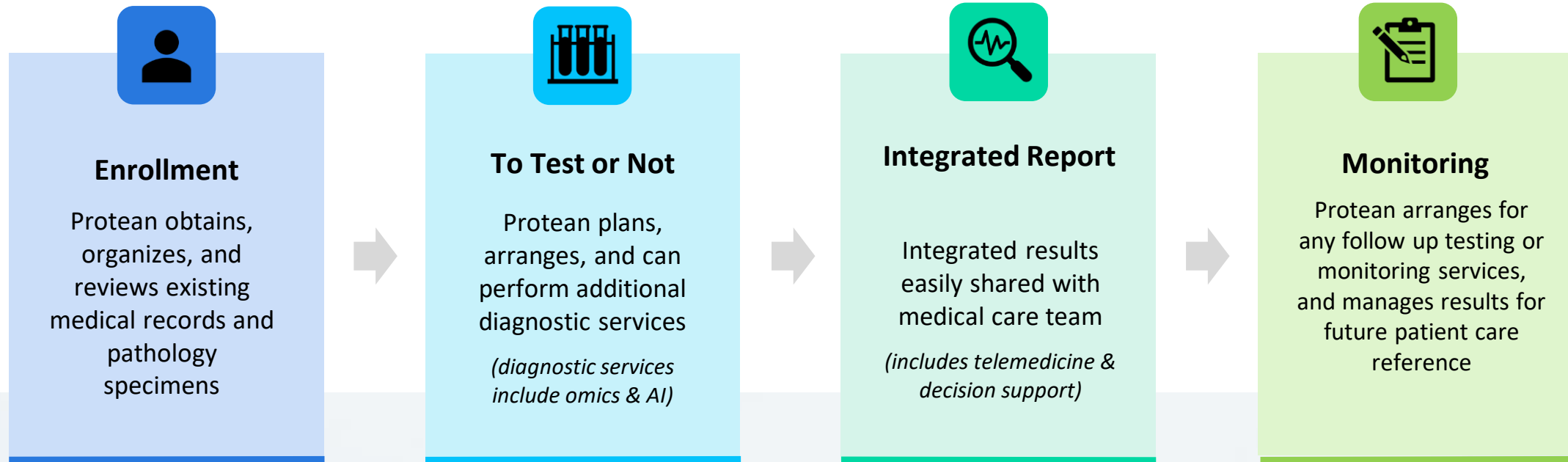


- ✓ One-stop, integrated diagnostic system
- ✓ Evidence, NCCN Guidelines® based
- ✓ Easy to use, fast and efficient
- ✓ Data driven and scalable
- ✓ Telemedicine + virtual tumor boards

## Our Solution

**Protean MAPS™** – a data-driven patient management platform that changes how medical care is delivered, to take advantage of precision medicine.





Protean MAPS™ is a **one-stop patient management platform** that includes:

Portals — Data Management — Integrated Reports — Bioinformatics — Electronic Patient Dashboard  
Virtual Tumor Boards — Evidence-based NCCN Guidelines — Telemedicine

# Integrated Research Services

*Pipeline into Protean MAPS™*



**Companion Diagnostics  
Development**



**Clinical Trial  
Support**



**Lab Developed Test  
Validation**



**Artificial  
Intelligence**



**Biospecimen & Data  
Acquisition**

# PROTEAN

## BIODIAGNOSTICS

Visit us in **Booth 3441** (Kiosk 19)

✉ [magliocco@proteanbiodx.com](mailto:magliocco@proteanbiodx.com)

☎ +1 (754) 946 - 4309

🌐 [www.proteanbiodx.com](http://www.proteanbiodx.com)

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# LANGaware's uniqueness



## ✓ Robust and patented scientific background

**USPTO Patent Title:** “A Multilingual System for the early detection of neurodegenerative & psychiatric diseases.”

The LANGaware patent is about the early detection of neurodegenerative and psychiatric diseases and our methodology covers the diagnosis and the detection of stages of those diseases and it also describes/secures LANGaware's methodology and relevant digital biomarkers.

## ✓ Uniqueness of science and technology

**Holistic Solution:** Assess multiple aspects of voice & speech for both cognitive and mental health conditions, proprietary biomarkers.

Faster (<3min), more precise, easy to interpret, no need to be administered by a doctor, scalable, across languages

## ✓ Peer-reviewed and published science: Scientific methodologies and results

More than 40 scientific publications



## UNMET NEED

# Under/Delayed Diagnosis of Depression/Anxiety and Cognitive Decline

- Reactive healthcare environment
- Inefficient screening options for mental/cognitive health
- Non-specialists lack expertise to detect and manage mental/cognitive health to triage patient to correct specialist and treatment
- Delayed treatment leading to additional comorbidities and inefficient treatment
- Low patient satisfaction scores
- Increased healthcare cost to the system, plan, payor & patient/member

# Mental & cognitive health affect language and speech

## Mental Health

- > **1 in 4** Medicare beneficiaries lives with a mental health condition
- > Around **50-60%** do not receive treatment
- > National cost of caring: **\$280 billion** (2020)
- > Untreated depression responsible for more than **200 million days lost from work** each year.
- > Annual cost of untreated depression is more than **\$43.7 billion** in absenteeism from work, lost productivity, and direct treatment costs.
- > Depression is the **leading cause** of disability worldwide
- > Compared with nondepressed patients, the odds are **3 times greater** than depressed patients will be noncompliant with medical treatment

## Dementia

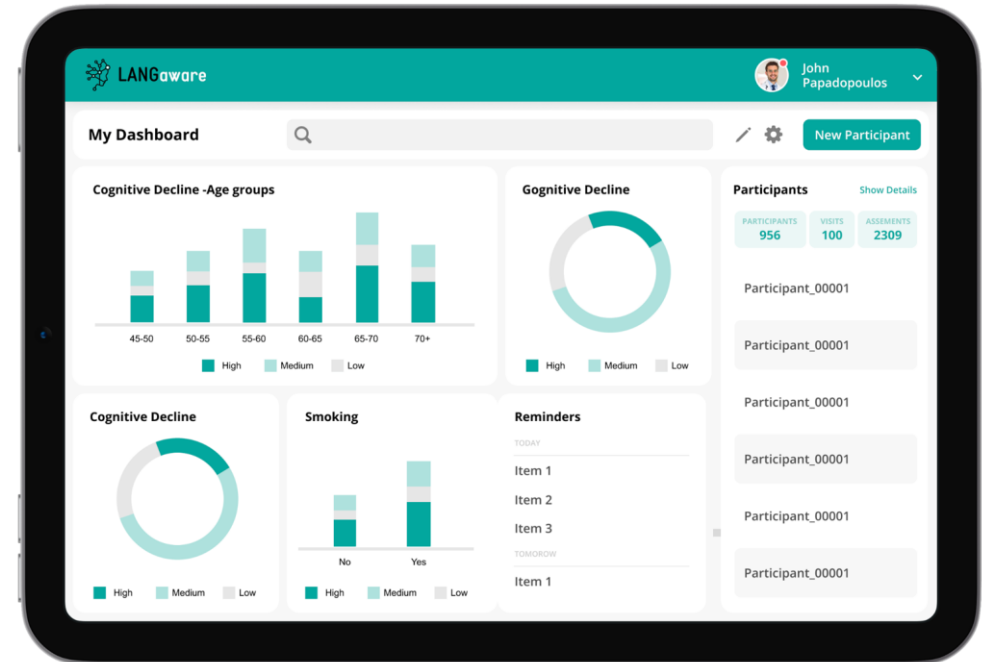
- > **1 in 9** adults 65+ has AD
- > **6.5M Americans** living with AD, **13.8M** by 2060
- > National cost of caring: **\$321 billion** for 2022, Expected to rise to **\$1.1 trillion** by 2050
- > **10 million people** in the US are affected by MCI
- > **60%** of dementia cases are **undiagnosed**
- > **80+ million** adults between 50-70 years **biggest health fear**, other than cancer, is **AD**.

### Sources:

- White House Council of Economic Advisers - Reducing the Economic Burden of Unmet Mental Health Needs: Reducing the Economic Burden of Unmet Mental Health Needs
- National Institute of Mental Health - Mental Illness Statistics: Mental Illness Statistics
- Forbes - Mental Health in the Workplace: The High Cost of Depression: Mental Health in the Workplace: The High Cost of Depression
- PubMed - An estimated 6.5 million Americans are living with Alzheimer's disease: An estimated 6.5 million Americans are living with Alzheimer's disease
- Joint Economic Committee (JEC) - Democrats - Issue Brief on Unpaid Caregiving: Issue Brief on Unpaid Caregiving
- Yale Medicine - Mild Cognitive Impairment: Its not normal aging
- NCBI - Prevalence and determinants of undetected dementia
- United Nations health agency

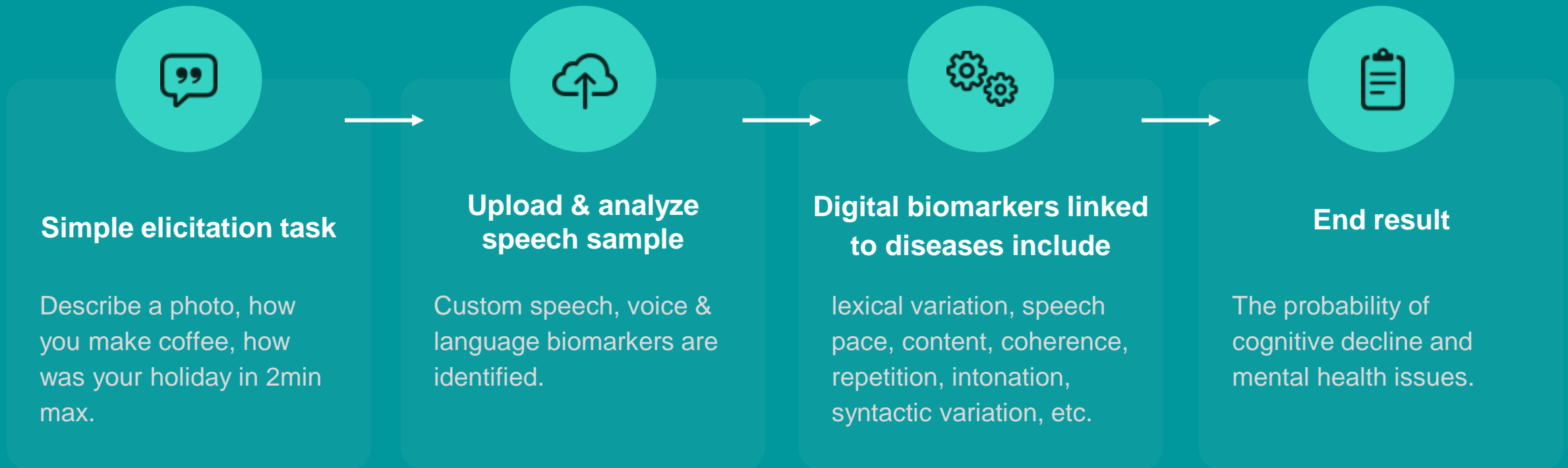
# Solution

LANGaware revolutionizes mental health and cognitive decline detection with advanced AI tools, delivering unparalleled accuracy, speed, accessibility, and convenience. Our solution provides early and objective detection of conditions, by leveraging speech analysis and proprietary voice and speech biomarkers.



## HOW IT WORKS

The 2' voice sample is linked to digital biomarkers indicating the probability of mental & cognitive health issues





**Booth 3441, Kiosk 5**

We are committed to transforming lives globally by revolutionizing healthcare with AI-driven disease detection.

**Contact:**

**Sarah Flora [sarah@langaware.com](mailto:sarah@langaware.com) 913-399-1041**



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# How to Do Business With the NHS Through the Lens of Primary Care



**hlth.**



**Dr. Minal Bakhai**  
NHS England



Department for  
Business & Trade

# How to do business with the NHS through the lens of Primary Care

Dr Minal Bakhai MBE

National Director of Primary Care Transformation NHS England

General Practitioner MBBS (Hons) BSc (Hons)

# Background

---

- General Practice is the touch point for over 90% of contacts with the NHS, managing over 1 million appointments per day, free at the point of use.
- Over 62 million people are registered with a GP practice.
- General Practice is one of the most innovative and digitally mature parts of the NHS including universal implementation of EPRs and adoption of shared records.
- The Covid-19 pandemic accelerated patient adoption of digital tools, for example, 32 million people are signed up to the NHS App.
- The NHS Long Term Plan recognises the need to shift care from hospital to community.
- Analysis suggests for every £1 invested in primary and community care can generate £14 back in economic value.



# Understanding the context

---

All health systems are under pressure. In England,

- There has been a 15% increase in clinical consultations in general practice (estimated 30-50% increase in non-patient facing workload) since 2019.
- Increased clinical risk from higher volumes and more complex patient needs.
- An increasing demand-capacity gap and risk of staff burnout.
- Patient experience of access and continuity of care declining.
- By 2040, one in five of the adult population in England is projected to be living with major illness, most of this is a result of an ageing population.
- Millions of new cases of high need conditions, particularly anxiety and depression, chronic pain and diabetes.
- This will create additional pressure to fund a growing population with higher and more complex health needs.
- These challenges are unequally distributed widening health inequalities (eg. practices in deprived areas feeling them more intensely).

# Identifying shared opportunities

---

## Policy Priorities for Primary Care

- Delivery Plan for Recovering Access to Primary Care
- The Long-Term Workforce Plan
- Additional Roles Scheme
- Next Steps for Integrating Primary Care
- Major Health Conditions Strategy
- The Hewitt Review: an independent review of integrated health systems (shift to integrated care, population health management and increasing the social and economic value of the NHS)
- National commitment to modernising data architecture across the NHS to improve experience, quality and outcomes

## Digital technology demand

- Digital access, triage, messaging and appointment booking tools
- Remote consultation and monitoring devices
- Enabling people to make the right choices about staying healthy e.g. through innovative apps and wearables
- Clinical and admin efficiency tools (automation)
- Clinical decision support
- Health analytics, population health and business intelligence tools
- Early disease detection, precision medicine/genomics and chronic disease management solutions
- Supporting communication between clinicians



# 10 Top Tips from CCIOs

---

1. **Offer a meaningful solution** driven by on the ground need and alignment with policy objectives.
2. **Do not design in isolation** – involve diverse range of patients, communities and clinicians, understand workflows, interactions with the ecosystem of other products, implementation challenges and pain points.
3. **End-to-end thinking** that delivers measurable and proportionate benefits to the time and cost of re-thinking processes, training and persuading and supporting patients and clinicians to change.
4. **Provide ongoing support for your customers** to not only implement the product effectively but to continue to deliver improvements long after adoption
5. **Provide a simple clear proposition** that's easy to explain to patients
6. **Build a network of strong, ongoing clinical partnerships** and links with clinical users of your tool to continue to gain comprehensive feedback on your product
7. **Demonstrate value** – user testing, evaluation of outcomes and benefits
8. **Provide data** to track impact and support improvement
9. **Ensure medical credibility** e.g. highly usable and accessible digital journeys, DTAC standards, NICE evidence standards framework, NHS design standards, registering as a medical device (MHRA), integration with the NHS App and interoperability with EPRs/digital ecosystem, clinical and real-world validation
10. **Be clear on what the product does** and doesn't do – don't over sell

# Routes to market

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Integrated Care Boards (ICBs) are responsible for providing digital services to General Practice

No single entry point

- Partnerships with the NHS
  - Academic Health Science Networks
  - Grant funded initiatives e.g. UKRI, SBRI, Innovate UK
  - Innovation Business Partners
- Nationally assured procurement frameworks e.g. The Digital Services for Integrated Care (DSIC) suite of frameworks that provide health and care systems a route to procure high quality digital products and services
- Direct approach to individual integrated care systems or providers
- Collaborations with or investment in existing providers

Register with 'Find a Tender'

Access the Health Technology Pathway: Navigation Tool for Innovators in England

Sign up to the NHS Innovation Service



Department for  
Business & Trade

# Thank you

*Minal.bakhai1@nhs.net*

*Tweet @MinalBakhai*

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## The InterSystems Accelerator



Dean Andrews  
InterSystems



**hlth.**

# Powering Startup Innovation

**Dean Andrews**  
Head of Developer Relations





# Agenda

1

**InterSystems Company Overview**

2

**InterSystems Technology Overview**

3

**Startup Program and Venture Fund**



Help Empower Your Innovation



# Help Empower Your Innovation



**Technology**



**Expertise**



**Marketing and Other Resources**

# InterSystems Innovation Pathway



**Idea**

**Incubation/  
Acceleration**

**Market**

Hacking  
Health  
Camp  
2023



MIT  
Grand  
Hack  
2022



TreeHacks 2023



InterSystems Startup  
Incubator 2023



HLTH  
2022



Startup Showcase  
HIMSS 2023

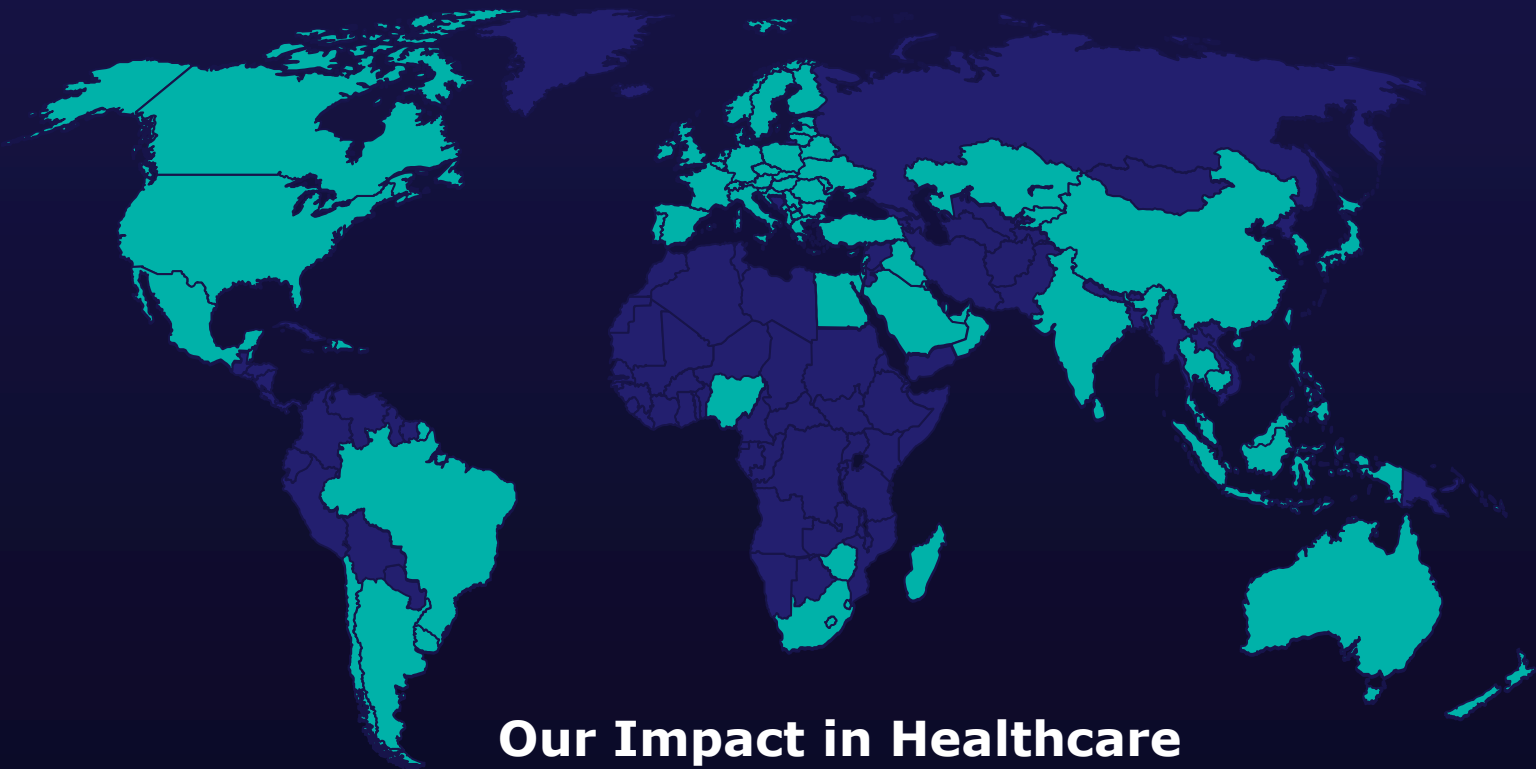


# InterSystems Company Overview



# About InterSystems

World's Most Popular Health Data Platform



## Our Impact in Healthcare


Deployed in 100+  
Countries

Manage >1B  
Patient Records  
Worldwide

Manage over 2/3 of  
US Patient Records

- Global leader in data management, integration, and analytics
- Unparalleled performance, scalability, interoperability, and reliability
- Core platform supporting Epic Systems, among hundreds of other healthcare technology organizations (InterSystems IRIS for Health)
- #1 healthcare interoperability platform, according to KLAS Research
- Most widely-adopted EMR outside of the United States (TrakCare)
- 15% of the world's equity trades run through InterSystems platform, and 6 of the top 10 global banks use our products – speaks to scalability and reliability
- Privately-held, stable, profitable business built on partner success





# InterSystems IRIS for Health

# Interoperability with “Everyone”



## Healthcare Providers



## Payers



## Life Sciences



## Regional, State, National HIE



## Federal Government Health



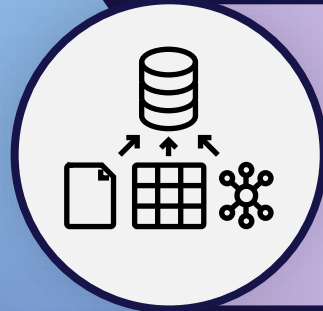
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# InterSystems Technology

# InterSystems IRIS for Health Data Platform

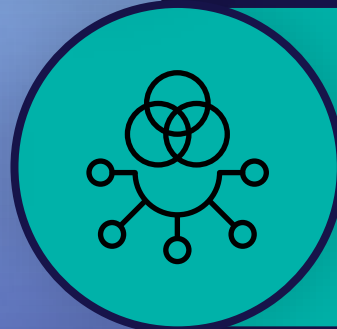


## A Unified Platform for Data Intensive Web/Cloud Applications



### Data Management

- Multi-model data engine
- Horizontal and vertical scaling
- High performance multi-workload (HTAP)



### Interoperability

- Persistent messaging
- Guaranteed delivery
- Health standards support
- Connector architecture
- ESB/SOA support
- Process orchestration
- Rules and Workflow engine
- Data transformation engine
- Native server-side development
- Client-side development



### Analytics

- Native embedded BI and IntegratedML
- Native embedded NLP for concept extraction and search
- High performance, shard-aware Spark connector
- Standard based interfaces for BI, NLP, ML (SQL, UIMA, PMML)



# Out-of-the-Box Healthcare Interoperability Core Value Driver



## Growth and Scalability

InterSystems IRIS for Health translations are optimized for all health standards, allowing faster time to market and lower TCO for development and management of clinical data solutions

CDA, C-CDA, C32, etc.

Flat Files / SFTP

REST/JSON/XML/SOAP

HL7 Version 2 / 3, Z Segments

X12

FHIR DTSU2, STU3, RC4

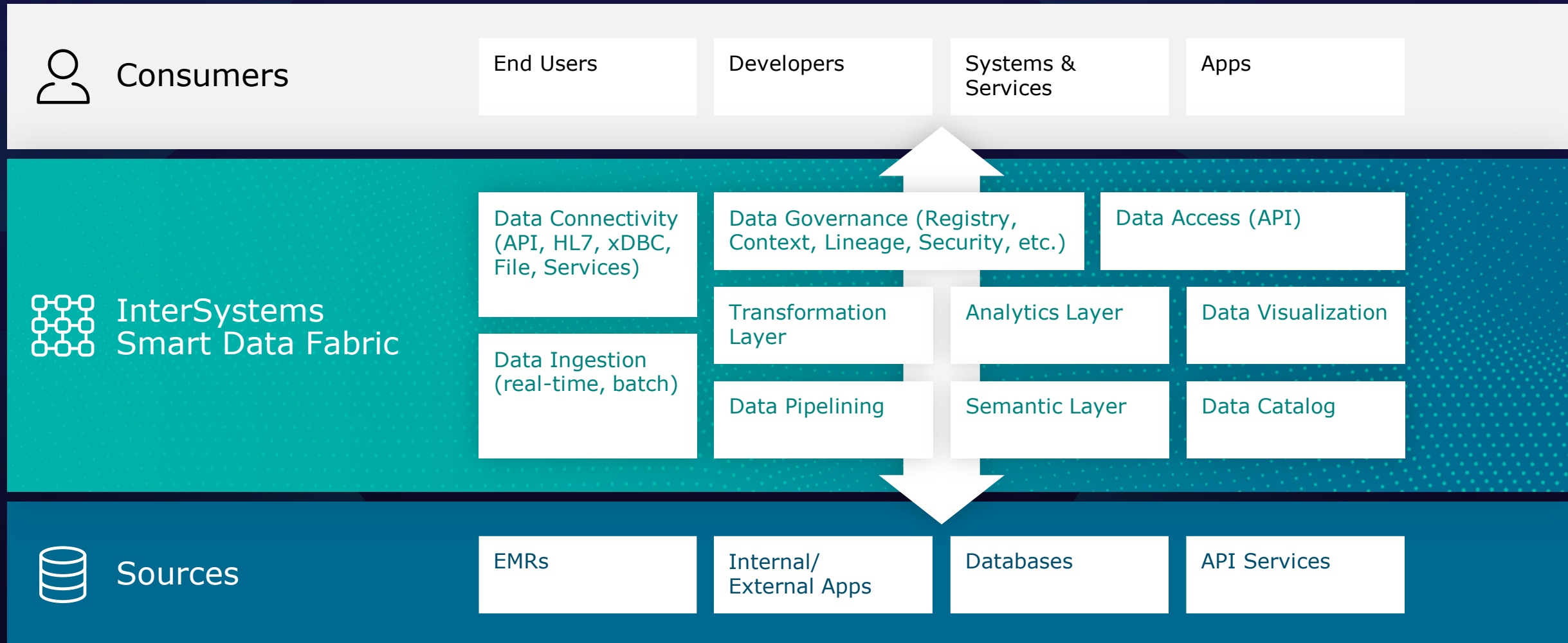
Custom



## InterSystems IRIS for Health

- ADHA (replaced NETHA) (Australia)
- ASTM
- CDA® and CCD®
- CCDA®
- DICOM
- Direct Secure Messaging
- DMP (France)
- EDIFACT
- eHealth Exchange
- HL7® FHIR®
- HL7® Version 2
- HL7® Version 3
- IHE
- ITK (United Kingdom)
- My Health Record (replaced PCEHR) (Australia)
- NCPDP
- SS-MIX (Japan)
- X12
- xDT (Germany)

# Smart Data Fabric Architecture



# InterSystems IntegratedML



Giving [ Data Engineers  
Analysts  
... ] Machine Learning  
Superpowers

**All-SQL** toolkit in  
InterSystems **IRIS** to **build**  
and **deploy AutoML** models

```
CREATE MODEL MyModel  
PREDICTING(Delay) FROM OrdersView  
  
TRAIN MODEL MyModel  
  
SELECT PREDICT(MyModel),  
*FROM NewOrdersView
```

SQL PROCESSOR



Pluggable ML  
Engines



# InterSystems Startup Program and Developer Resources

# InterSystems Innovation Pathway



**Idea**

**Incubation/  
Acceleration**

**Market**

Hacking  
Health  
Camp  
2023



MIT  
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Hack  
2022



TreeHacks 2023



InterSystems Startup  
Incubator 2023



HLTH  
2022



Startup Showcase  
HIMSS 2023



# InterSystems Startup Program



## InterSystems for Startups

InterSystems supports data-driven startups in the healthcare, financial services and supply chain industries. Our technology powers the world's most important applications - come build with us!

How we help startups succeed:

### Acceleration Programs

For early-stage startups. Includes deep dives into InterSystems technology and tailored training from top experts. Turn ideas into prototypes, validate your MVP, and prepare for pre-seed and seed funding rounds.

Learn more →

### Startup Growth Toolkits

Low- and no-cost technical, marketing, and sales enablement tools designed for seed or pre-seed level startups using InterSystems technology in their solution.

Learn more →

### InterSystems Venture Fund

Early investments in healthtech, fintech and supply chain startups that use InterSystems technology.

Learn more →

Get started →

## Empowering Early Stage Startups

Incubation/Acceleration  
Growth Toolkits  
Investment  
Plus: Co-Marketing  
Industry Events  
Developer Community

[Partner.intersystems.com/  
for-startups](https://Partner.intersystems.com/for-startups)

# Incubation/Acceleration Programs



## Powerful Partnerships

3 Hospitals,  
Angel Investors,  
Novartis



## Geographic Diversity

8 CZ, 4 US,  
3 EU, 2 Asia,  
2 Kenya, 1 Chile



## Strong Teams – 22 Startups

Innovating in AR,  
AI/ML,  
Diagnostics, Genomics,  
Rehabilitation, and  
more

# InterSystems Startup Growth Toolkit



☒ **Free trial of InterSystems tools**

☒ **Certification savings**

☒ **Engineering support**

☒ **Learning**

☒ **Google AdWords and LinkedIn Ads**

☒ **Promo blocks on InterSystems  
Developer Community**

☒ **Webinar production**

# InterSystems Ventures Fund - Structure



**\$25k**

**Grants**

FOR: Evaluate InterSystems  
tech and build PoC

**\$75k-  
150k**

**Equity Investments**

FOR: InterSystems tech already incorporated,  
build MVP and reach next customer

# InterSystems Startup Program – MeetMaro.com



## Let mental health boost your classroom.

Maro makes mental health an asset to student success instead of a roadblock.

Help your school go from reactive to proactive with screening, education, and care navigation tools.

→ For Schools & Districts


→ For Families





# InterSystems Startup Program – AfyaRekod.com






**Afya  
Rekod**

[Home](#) [Services](#) [About](#) [FAQ](#) [Contact](#) [Get Started +](#)

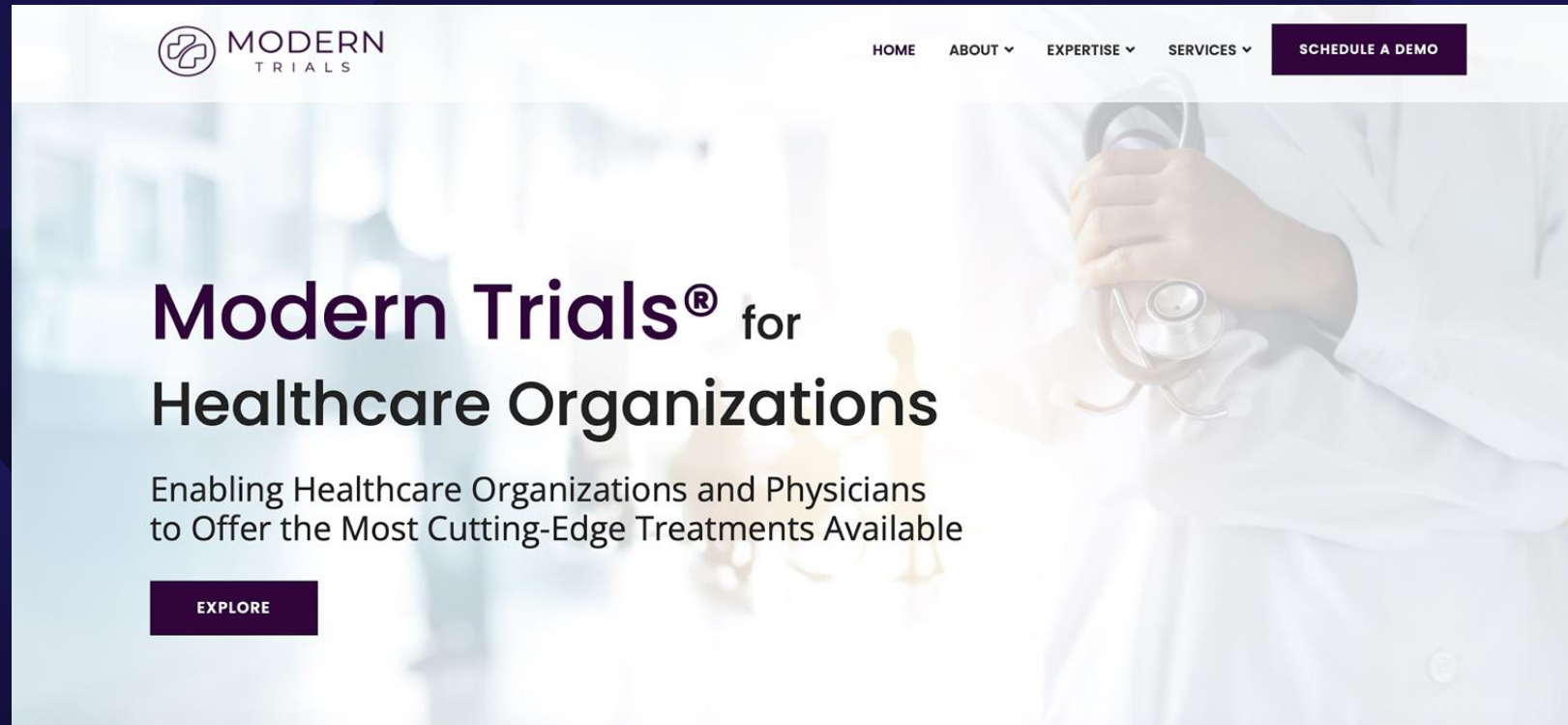
## Patient Driven Health Data Platform

AfyaRekod is a secure blockchain-driven health platform that allows individuals to store their health and medical information, engage with doctors, interact with verified health information and access tools that will support their well-being and enhance their health so they can enjoy rich, fulfilling lives.

DOWNLOAD APP 



# InterSystems Startup Program – ModernTrials.com



# Where to Find Us



Booth #4620

Global Health Alliance Booth #3441-2



# InterSystems Developer Ecosystem



“one stop shop” for developers to engage, learn, innovate, and share



## Developer Community

Dev Forum • Q&A • Contests

15,000+ members • 18,500+ posts

8,000,000 reads (views) • 100+ questions monthly



## Open Exchange

Application Gallery

800+ applications

3,000+ installations/month



## Ideas Portal

Product Ideas & Feedback

200+ ideas

15% implemented since launch in 2022



## Global Masters

Developer Advocate Hub

2,000+ ambassadors

[developer.intersystems.com](https://developer.intersystems.com)

# InterSystems Developer Hub



“one-stop shop” for developers to engage, learn, innovate, and share

The most of what you may need to start working with InterSystems technologies:

- InterSystems tutorials
- Explanations on how to use different tools
- Info about events and contests
- much more!



[developer.intersystems.com](https://developer.intersystems.com)

# Thank you



# Global Health Connector Village @ HLTH23



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## The ECHAlliance and US Activities



Jon Warner  
ECHAlliance



Nicole Althaus  
ECHAlliance





# The Global Health Connector for Digital Health





# The Problem

Current best practices lack evidence, optimal outcomes, and experimental knowledge across disease states, population needs, practice settings and digital care delivery



Siloed best practices that aren't specific to all use cases



Best practices are broad-based, lacking evidence across clinical specialties, disease states and care delivery for optimal care



Implementation of best practices is a challenge for everyday practice and clinical decision - making



Knowledge of the existence of regional or national best practices to improve scalability

Best practice success should include health research, experiential knowledge through effective knowledge sharing and application for optimal, repeatable quality care





# Our Solution

## The Global Health Connector enables:



### **CONNECTIONS with Expert Leaders**

We bridge healthcare professionals of all kinds, including policy makers, innovators, entrepreneurs, and tech experts for rapid learning and collaborative partnerships in care optimization.



### **CURATED Healthcare Best Practices**

The Global Health Connector researches, evaluates and shares healthcare innovation and best practices globally to expedite adoption, drive economic growth, and improve health outcomes.



### **CONVENING with Insightful Meetings**

We orchestrate meetings of all kinds to share best practice and innovation insights and foster collaboration among healthcare providers, payers, pharma, patients and biotech employers.





# The Global Health Connector:

## WHO WE ARE



**Member Organizations  
(1,000+ organisations)**

*Companies, policy-makers, research orgs, health & social care providers, patient groups, insurance, procurers, government ministries*



**22,000+ experts /  
professionals**



**Community Interest  
Company**

*Registered in Ireland and in the UK*

## OUR REACH

**Global reach across  
78 Countries and  
4.6 billion people**



**International Network of 75+  
Digital Health Ecosystems**  
*(200+ ecosystem gatherings a year)*

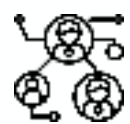
## HOW WE HELP



**Connecting  
the dots**



**Network  
of Geographical &  
Thematic Health  
Ecosystems**



**Comms &  
networking**



**Supporting  
our members**



**Global  
Events**



**Funding/  
Tenders**







# The Global Health Connector

A global organization that enables connections, research, partnerships and market impact to your healthcare business



## CONNECT

Use the power of our global network to make the connections you need to partner, research and innovate



## CONVENE

Use our ability as a neutral party to bring together meaningful learning and relationship building



## AMPLIFY

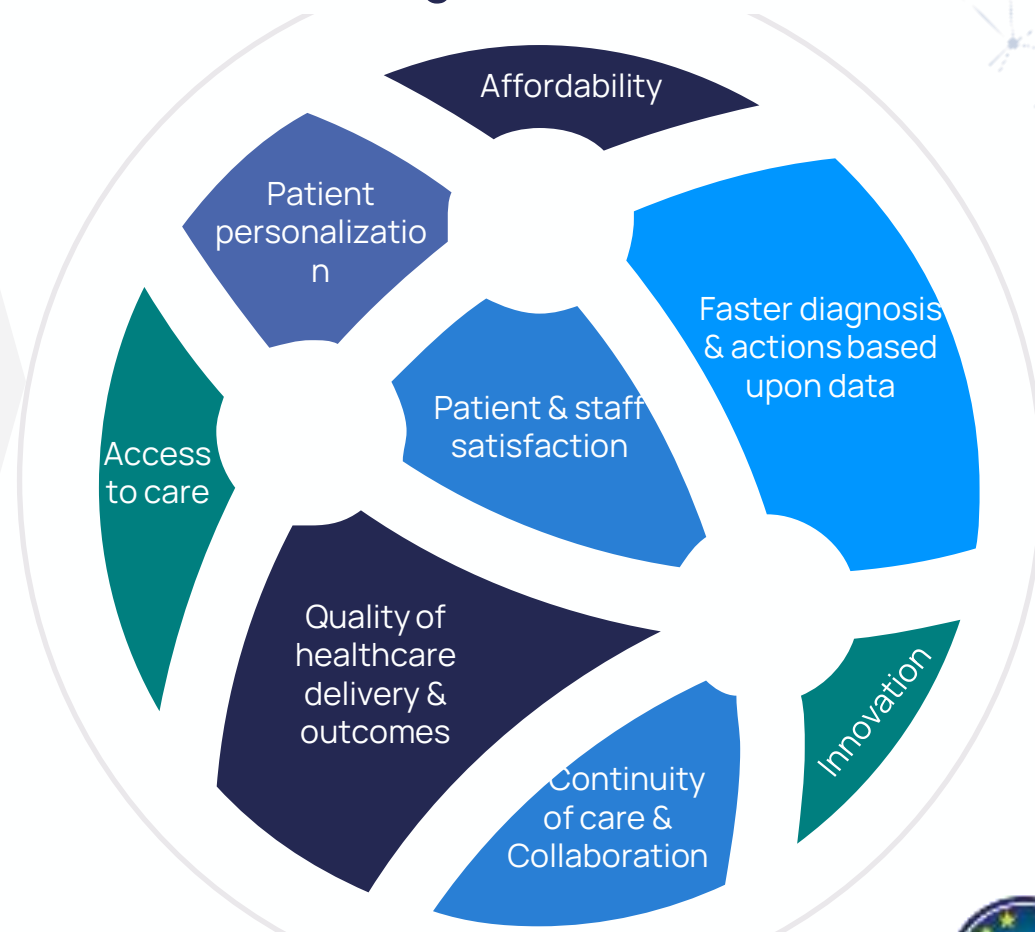
Harness the capacity of our global network to amplify your message and reach your target audience



## ACCELERATE

Engage across our network to speed up adoption, best practice evidence, research, and awareness

## Digital Health



Holistic, value-driven, automated, data-enabled, safe, connected, human & trustworthy







# Ecosystems Match Needs & Solutions



Ecosystems bring together a permanent community of stakeholders to develop a joint health agenda, aiming to address and find common solutions to regional health challenges

## Impactful Multiplier Effect

The main benefit of working together in an Ecosystem is the multiplier effect of collaborating in our International Network of Ecosystems.

### Ecosystems:

- Break down silos
- Transform healthcare delivery
- Create economic growth
- Develop optimal best practices for quality outcomes





# Our International Network of Ecosystems

 Argentina	 Denmark Scandinavia Nordic Health 2030	 Germany Hess Nuremberg Rheinland Stuttgart & Neckar-Alb	 Malta	 Romania North East Transylvania South West Oltenia	 Sri Lanka
 Australia Melbourne	 England London Manchester North West Coast Yorks/Humber South West Coast		 Mexico		 Sweden Health & Welfare Technology North Sweden Life Science
 Austria		 Greece Athens	 Moldova	 Serbia	
 Belgium Brussels Flanders	 Estonia	 Hungary West Hungary	 Netherlands Health Valley Friesland	 Scotland Highlands & Islands Scottish Digital Health & Care	 Turkey
 Bulgaria	 Finland Central Finland Helsinki Kuopio Oulu Ostrobothnia South Ostrobothnia	 India	 Northern Ireland	 Slovenia	 Uruguay
 Canada Canada Age Well Quebec		 Israel	 Norway Health Tech Cluster Smart Care Cluster	 Spain Castilla y León Catalonia Basque Country Extremadura Galicia Com. Valenciana Madrid	 USA Central Florida Massachusetts
 Chile	 France Bretagne Hauts-de-France Lille Nice Normandy Nouvelle-Aquitaine Paris	 Italy Treviso	 Poland		 Wales
 Czech Republic		 Lithuania	 Portugal Digital Health Portugal Health Cluster Portugal SHAFE Portugal		 Zimbabwe
 Croatia		 Luxembourg	 Republic of Ireland		



Moldova  
Ecosystem



Iceland  
Ecosystem



6th English  
Ecosystem - Leeds



6th Spanish  
Ecosystem



Japan IPARK  
Ecosystem





# Benefits of Joining International Ecosystems

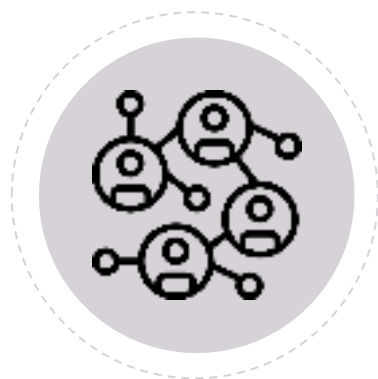
As part of an international network of ecosystems an ecosystem can:



**Increase access** to international markets



**Collaborate** with other regions



**Scale up innovation** in your region and country in new settings



**Bring in best practices** from outside your country in Healthcare



**Join 70+ other Digital Health Ecosystems – Geographic and Thematic**





# Thematic Innovation Ecosystems



Matching Need & Solution

New projects & collaboration



Housing  
and Health



Skills for  
Health



Digital  
Health  
Data



Life  
Sciences



Medicines  
Optimisatio  
n



Continence



Integrated  
Care



Health  
Procurement



Mental  
Health



Digital  
Health &  
Wellbeing



Women's  
Health



Telemedicine and  
Health Inequalities



Cancer





# United Nations Technology Summit

Creates new and expanded Thematic Innovation Ecosystems (TIEs)

75%

Female-dominant diseases are underfunded in the NIH

12.4% of US women are in fair or poor health

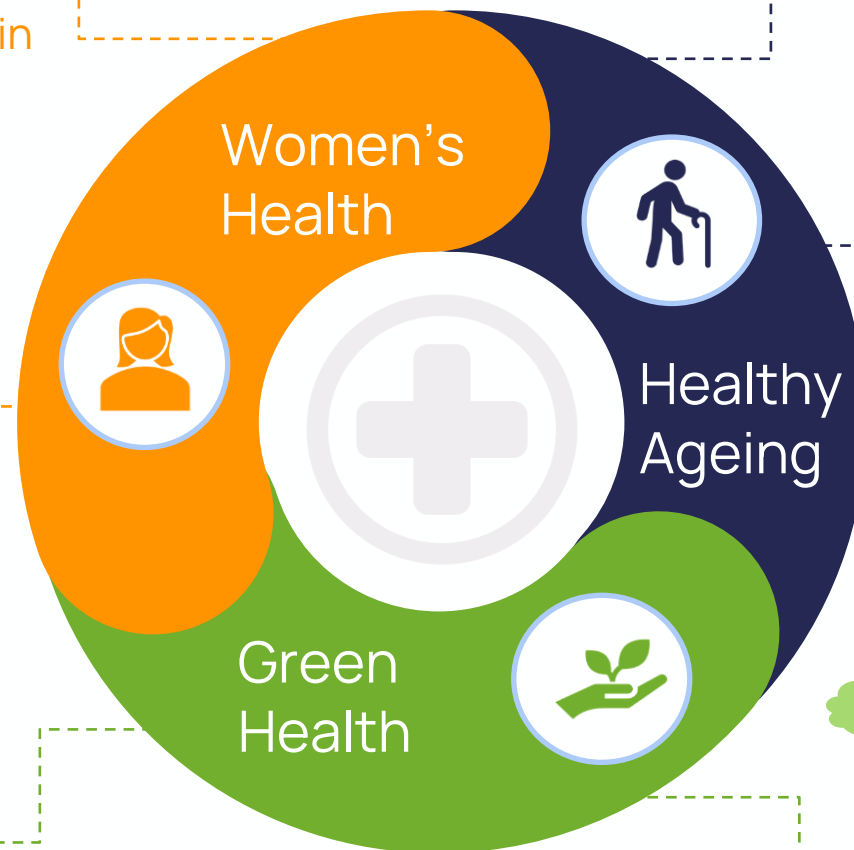


US has the **worst** maternal mortality rate of developed countries

With the global health and social workforce existing almost 70% of women, it is surprising that only 25% hold senior positions (WHO)

US healthcare GHG emissions include: water & waste, energy, transport, testing research, plastics/rubbers/textiles/paper

urgent action needed to keep average global temperature increases below 1.5C, restore biodiversity, and protect



1+ Billion

Will be aged 65 and older by 2050 - globally

18% of families are now multi-generational

\$63 Billion

annual cost due to ageism in our healthcare system  
~\$6.7 Billion in additional Medicare spending annually due to social isolation.

8.5%

US greenhouse gas emissions are from healthcare

27% of the global healthcare footprint





# Membership Opportunities

Drive sustainable change and disruption in the delivery of health and social care through an alliance of health professionals worldwide



Promote your  
work and  
leverage best  
practices



Grow your  
networks



Connect with  
innovators in  
Digital Health



Collaborate  
globally to  
transform  
healthcare







# Funding services

What we can do for and with you

## We support:

- Access to EU Financing: All US public and private organizations can tap into funding opportunities through European Union's Horizon Europe R&D Program
- Access to "Health" cluster of Horizon Europe
- Building international partnerships and consortia
- Partner search & matchmaking

## R&D Opportunities: Horizon Europe



- World's Largest R&D Program on a global scale
- Guided by Work Plans & Discipline – currently operating under 2023-2024 Work Plan
- Multi-Stakeholder Consortia with discipline and geographic diversity requirement
- Funding open calls for proposals twice a year
- Expert Assistance – the breadth of The Global Health Connector and its founder ECHAlliance is proven to be a trusted advocate and partner for healthcare success





# The Global Health Connector

## Current Membership

120+

Government  
Agencies

260+

Education & Research  
Organizations

120+

Hospitals

70+

Industry  
Partners

80+

Patient/Citizen  
s' Groups

## A few notable US members...





# The Global Health Connector

## Membership pricing



**Individual**

**\$250/year**

**Start-Up/  
Early-  
Stage/Small  
Business**  
( $< 50$  employees)

**\$1,000/year**

**Growth  
Organizations**  
( $>50 - 1,000$   
employees)

**\$5,000/year**

**Mature  
Organizations**  
( $>1,000 - 10,000$   
employees)

**\$10,000/ye  
ar**

**Foundation  
Organizations**  
( $>10,000$   
employees)

**\$25,000/ye  
ar**

# Thank You!

GET IN  
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# Global Health Connector Village @ HLTH23



OCTOBER  
8-11 2023



LAS VEGAS  
USA



**hlth.**

# Thank you!

Join us tomorrow



## GLOBAL VILLAGE SPONSOR



## GLOBAL VILLAGE EXHIBITORS





# Global Health Connector Village @ HLTH23



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