The Global Connector for Digital Health

European Connected Health Alliance Group

ECHAlliance

GLOBAL HEALTH CONNECTOR PARTNERSHIP
The global arm of ECHAlliance Group

digital health observatory
The knowledge arm of ECHAlliance Group

the digital health society
The data arm of ECHAlliance Group

Karolina Mackiewicz

Innovation Director
at ECHAlliance

karolina@echalliance.com

www.echalliance.com

@ka.mackiewicz

@ECHAlliance

About ECHAlliance Group

WHO

**Member Organisation
(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

WHERE

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

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

WHAT

**Connecting
the dots**

**Network of Geographical
& Thematic Health
Ecosystems**

**Comms &
networking**

**Supporting
our members**

**Global
Events**

**Funding/
Tenders**

What does ECHAlliance Group do?

CONNECT

Use the power of our global network to make the connections you need.

CONVENE

Use our ability as a neutral party to bring together and reach the right audience.

AMPLIFY

Harness the capacity of our global network to amplify your message.

ACCELERATE

Engage across our network to speed up adoption and awareness.

Become a member of ECHAlliance Group

Boost your network

Join Working Groups

Make Direct Connections

Funding and Tender Alerts

Collaboration in Funded Projects
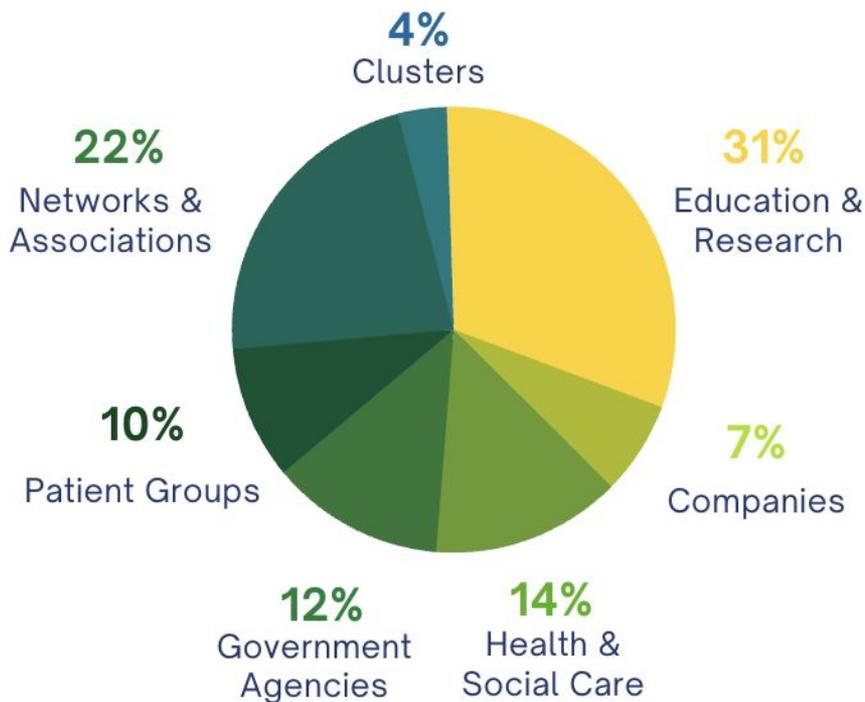
Access our Ecosystems

Promote your organisation

Discount on Events

Speaking Slots Opportunities

Become a member: echalliance.com/membership/become-a-member/

What is an ECHAlliance Ecosystem

4% Clusters
22% Networks & Associations
10% Patient Groups
12% Government Agencies
14% Health & Social Care
7% Companies
31% Education & Research

...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.

Ecosystems:

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

Our International Network of Ecosystems

Argentina

Australia
Melbourne

Belgium
Brussels
Flanders

Bulgaria

Canada
Canada Age Well
Quebec

Chile

Czech Republic

Croatia

Denmark
Scandinavia Nordic
Health 2030

England
London
Manchester
North West Coast
Yorks/Humber
South West Coast

Estonia

Finland
Central Finland
Helsinki
Kuopio
Oulu
Ostrobothnia
South Ostrobothnia

France
Bretagne
Hauts-de-France
Lille
Nice
Normandy
Paris

Germany
Hess
Nuremberg
Rheinland

Greece
Athens

Hungary
West Hungary

India

Israel

Italy
Treviso

Lithuania

Malta

Mexico

Moldova

Netherlands
Health Valley
Friesland

Northern Ireland

Norway
Health Tech Cluster
Smart Care Cluster

Poland

Portugal
Digital Health Portugal
Health Cluster Portugal
SHAFE Portugal

Republic of Ireland

Romania
North East
Transylvania
South West Oltenia

Serbia

Scotland
Highlands & Islands
Scottish Digital Health
& Care Ecosystem

Slovenia

Spain
Castilla y León
Catalonia
Basque Country
Extremadura
Galicia
Com. Valenciana
Madrid

Sri Lanka

Sweden
Health & Welfare
Technology Ecosystem
North Sweden Life
Science Ecosystem

Uruguay

USA
Central Florida
New York

Wales

Zimbabwe

Moldova Ecosystem

Iceland Ecosystem

6th English Ecosystem - Leeds

6th Spanish Ecosystem

Japan IPARK Ecosystem

Current EU Projects

Digital health data and policies

Digital Health Uptake · XpanDH · BIOMATDB · connectinghealth

Digital health and care support tools

GATE KEEPER · Brainteaser · Gravitate Health · PROJECT ValueCare · beamer

Skills for health and care workforce

EUVECA
European Platform for Vocational Excellence in Health Care · BeWell.

Smart and healthy living

EU_SHAFE Interreg Europe · K-HEALTHinAIR
Knowledge for improving indoor AIR quality and HEALTH · SiRENE

Digital health:

How innovations support the sustainable health systems
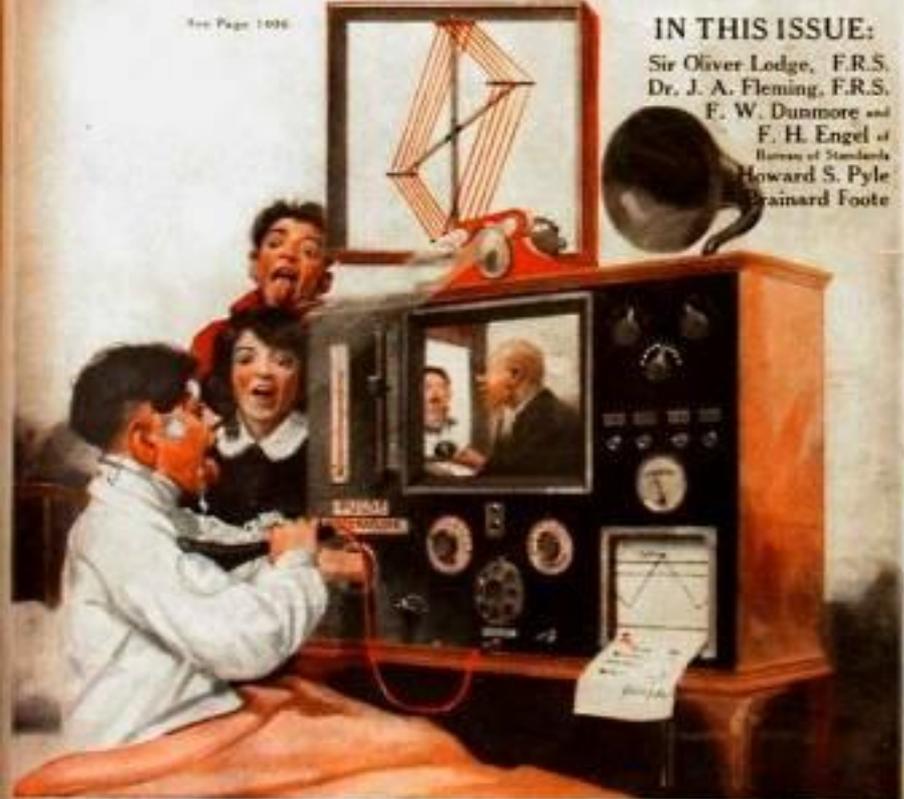
Technology promises to healthcare are not new

Digital health "boom"

2012: EU eHealth Action Plan
2018: Commission's Communication on the Transformation of Digital Health and Care
2020: Europe fit for digital age

2022: Regional digital health action plan for the WHO European Region 2023–2030

The Regional digital health action plan 2023–2030

Priorities:

☑ Set norms
☑ Enhance capacity
☑ Build networks
☑ Scale up patient centred solutions

Updated 24/04/2018

European Commission

European health challenges

- Ageing population and chronic diseases putting pressure on health budgets
- Unequal quality and access to healthcare services
- Shortage of health professionals

Potential of digital applications and data to improve health

- Efficient and integrated healthcare systems
- Personalised health research, diagnosis and treatment
- Prevention and citizen-centred health services

What EU citizens expect...

90% agree
To access their own health data
(requiring interoperable and quality health data)

80% agree
To share their health data
(if privacy and security are ensured)

80% agree
To provide feedback on quality of treatments

Support European Commission:

1 Secure access and exchange of health data

Ambition:
Citizens securely access their health data and health providers (doctors, pharmacies...) can exchange them across the EU.

Actions:
- eHealth Digital Service Infrastructure will deliver initial cross-border services (patient summaries and ePrescriptions) and cooperation between participating countries will be strengthened.
- Proposals to extend scope of eHealth cross-border services to additional cases, e.g. full electronic health records.
- Recommended exchange format for interoperability of existing electronic health records in Europe.

2 Health data pooled for research and personalised medicine

Ambition:
Shared health resources (data, infrastructure, expertise...) allowing targeted and faster research, diagnosis and treatment.

Actions:
- Voluntary collaboration mechanisms for health research and clinical practice (starting with "one million genomes by 2022" target).
- Specifications for secure access and exchange of health data.
- Pilot actions on rare diseases, infectious diseases and impact data.

3 Digital tools and data for citizen empowerment and person-centred healthcare

Ambition:
Citizens can monitor their health, adapt their lifestyle and interact with their doctors and carers (receiving and providing feedback).

Actions:
- Facilitate supply of innovative digital-based solutions for health, also by SMEs, with common principles and certification.
- Support demand uptake of innovative digital-based solutions for health, notably by healthcare authorities and providers, with exchange of practices and technical assistance.
- Mobilise more efficiently public funding for innovative digital-based solutions for health, including EU funding.

YOUR HEALTH DATA

#DigitalSingleMarket   #DigitalHealth   @eHealth_EU   @EU_Health

EU Digital Compass points 2030
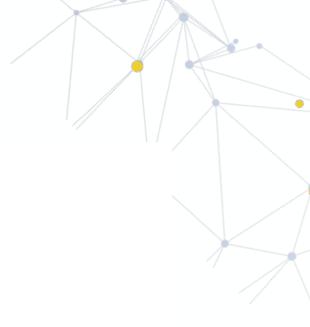
Skills
ICT Specialists: 20 million + Gender convergence
Basic Digital Skills: min 80% of population

Infrastructures
Connectivity: Gigabit for everyone, 5G everywhere
Cutting edge Semiconductors: double
EU share in global production
Data – Edge & Cloud: 10,000 climate
neutral highly secure edge nodes
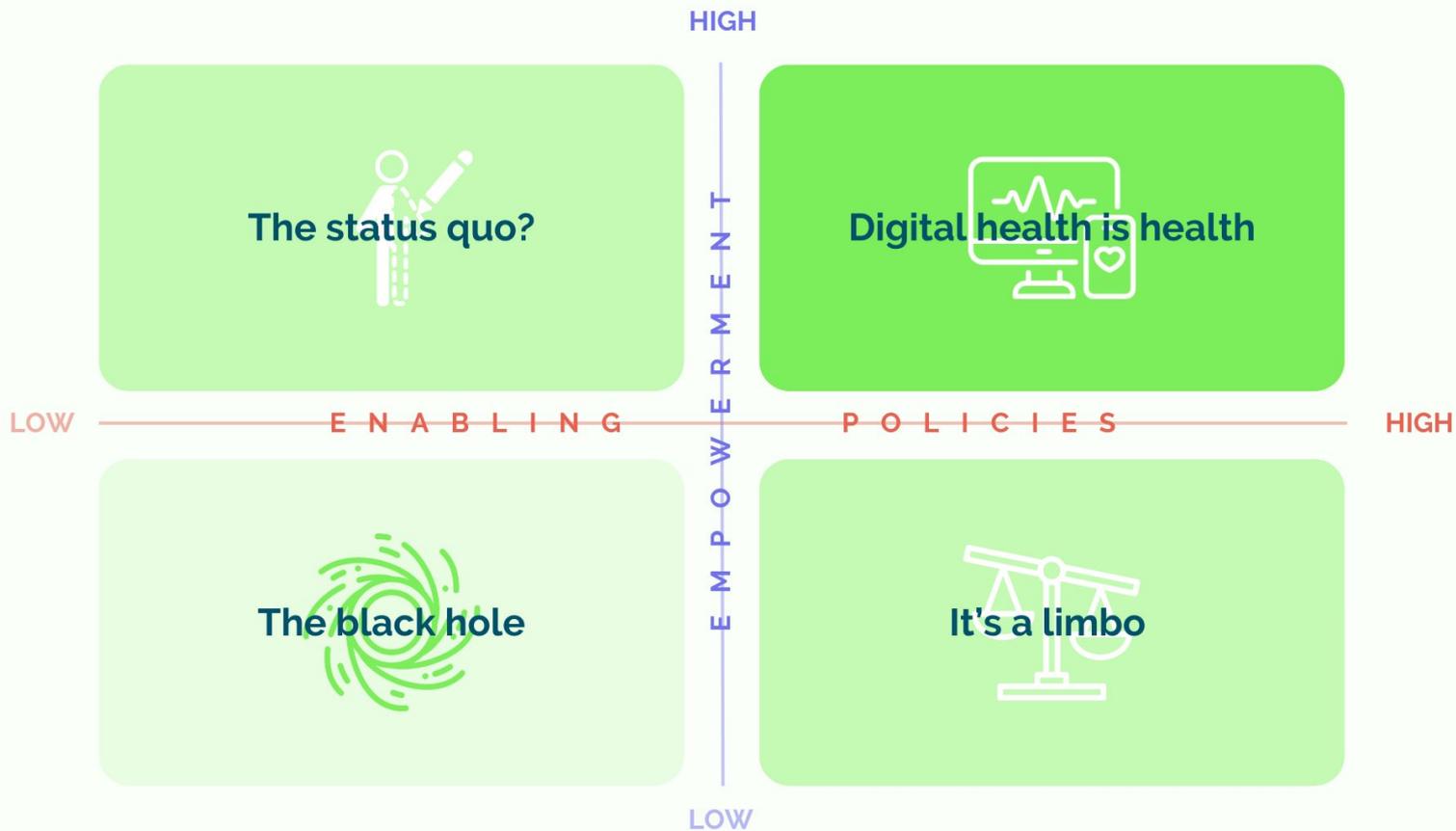**Computing:** first computer with quantum acceleration

Public Services
Key Public Services: 100% online
e-Health: 100% availability medical records
Digital Identity: 80% citizens using digital ID

Business
Tech up-take: 75% of EU companies using Cloud/AI/Big Data
Innovators: grow scale ups & finance to double EU Unicorns
Late adopters: more than 90% of European SMEs reach
at least a basic level of digital intensity

Four priority areas – or Digital Compass points - essential for Europe's digital transition by 2030 (Path to the Digital Decade, 2021)
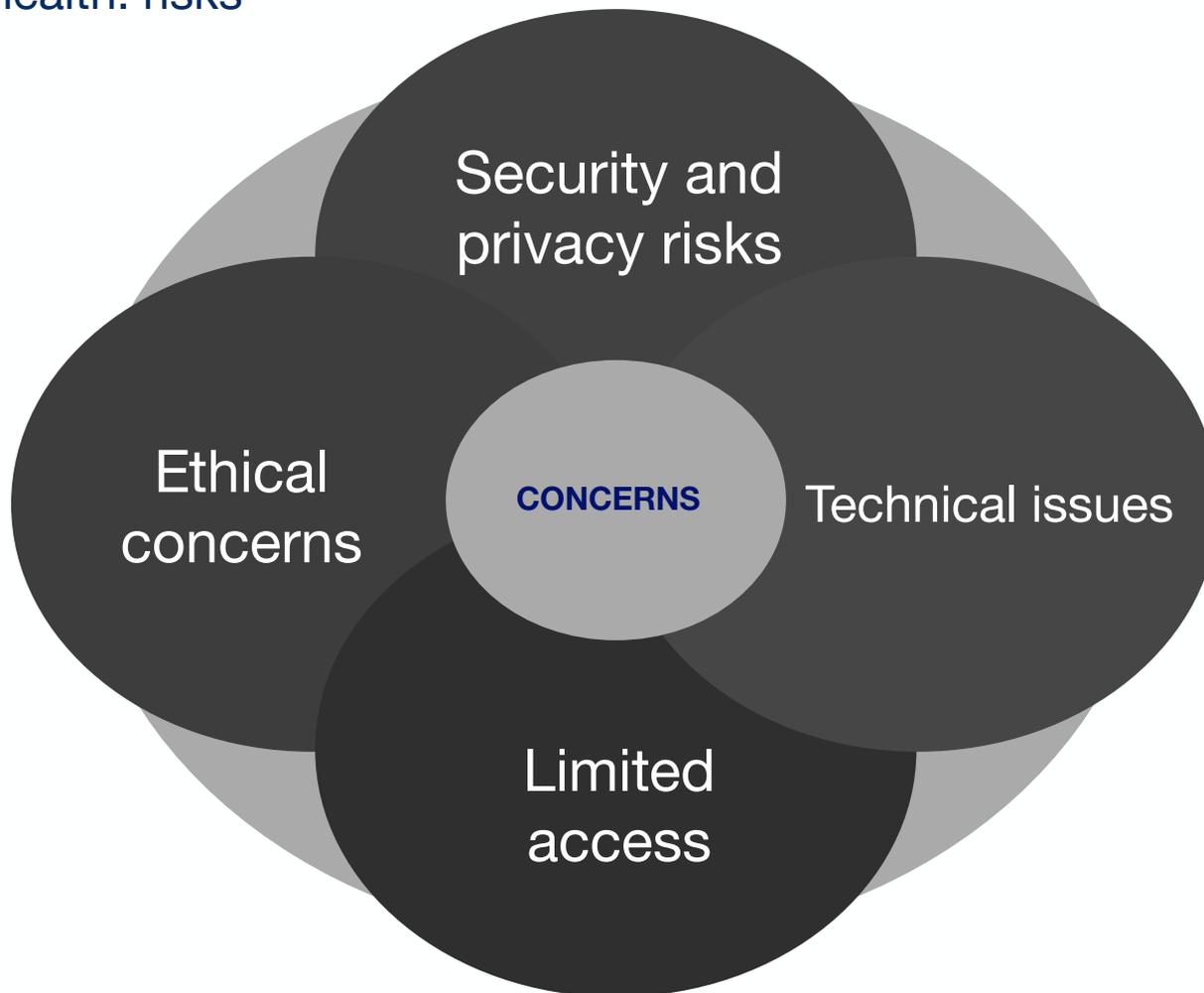
Digital health: opportunities

ECHAlliance

Better access to care

Data-driven decision making

OPPORTUNITIES

Improved patient outcomes

Reduced healthcare costs

Global conversations in digital health

AI

Data

Digital literacy

Skills

Digital & green transition

Uptake of digital solutions