



Healthcare and Pharmaceutical Industry
Transformation through Artificial Intelligence
Digital Services (Health Hub)



Reference point of Digital Health at National & EU level

Heath Hub acts as a one-stop shop, which helps companies in the Health & Pharma sector to boost their outreach, precision, innovation and networking efforts during their digital transformational journeys.



ΣΧΟΛΗ ΕΠΙΣΤΗΜΩΝ ΥΓΕΙΑΣ
ΤΜΗΜΑ ΔΗΜΟΣΙΑΣ & ΕΝΙΑΙΑΣ ΥΓΕΙΑΣ



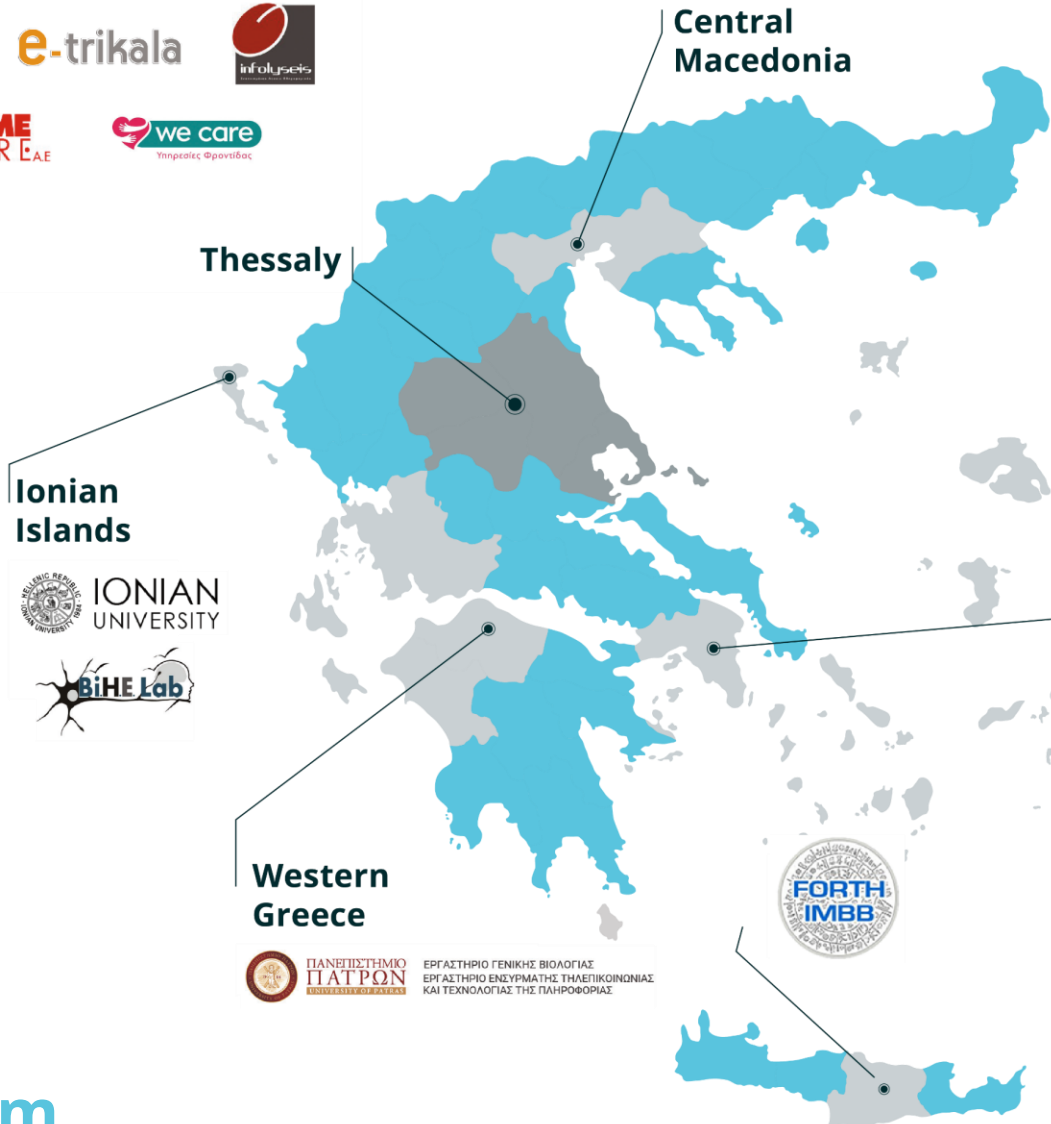
SB^{EE} 1913
FEDERATION
OF INDUSTRIES
OF GREECE



e-trikalala



COORDINATOR:



Thessaly

Central
Macedonia

Ionian
Islands

Attica

Western
Greece

South
Aegean

Crete



ΕΘΝΙΚΟ ΙΔΡΥΜΑ ΕΡΕΥΝΩΝ
National Hellenic Research Foundation



ΓΕΩΠΟΝΙΚΟ ΠΑΝΕΠΙΣΤΗΜΙΟ ΑΘΗΝΩΝ
AGRICULTURAL UNIVERSITY OF ATHENS
ΣΧΟΛΗ ΕΦΑΡΜΟΣΜΕΝΗΣ ΒΙΟΛΟΓΙΑΣ ΚΑΙ ΒΙΟΤΕΧΝΟΛΟΓΙΑΣ
SCHOOL OF APPLIED BIOLOGY AND BIOTECHNOLOGY



HYGIEIA
SCIENTIFIC RESEARCH AND
EDUCATIONAL CLUSTER



Our Consortium



ΚΕΝΤΡΟ ΕΠΙΜΟΡΦΩΣΗΣ
ΚΑΙ ΔΙΑ ΒΙΟΥ ΜΑΘΗΣΗΣ
(Κ.Ε.Δ.Β.Μ.)



European Commission
Digital Europe Programme

The project proposal

101083850 — HEALTH HUB

**“HEALTH HUB - Healthcare & Pharmaceutical Industry
Transformation through Artificial Intelligence Digital Services”**

submitted under the Digital Europe Programme call

**DIGITAL-2021-EDIH-INITIAL-01 — Initial
Network of European Digital Innovation Hubs**

by

**INSTITOUTO ANAPTIXIS EPICHEIRIMATIKOTITAS
ASTIKI ETAIREIA** and other participants

EDIHs Services

1. Test before Invest

Raise awareness and provide access to digital transformation, research and innovation expertise



2. Skills & Training

Provide support in the area of **advanced digital skills**



3. Support to find investments

Support companies to improve their competitiveness & business models



4. Innovation ecosystems & networking

Act as **facilitator to bring together** research, industry/ businesses and public sector



Service Category 1: Test before Invest



Services

1.1 Awareness Raising on how AI can Transform Healthcare

1.2 Pooling, Assessment & Exploitation of Medical/Pharma Data

1.3 Digital Maturity Assessment and Visioning for Digital Transformation

1.4 Demonstration Activities for:

- Clinical phenotyping and HERs for rare diseases
- Motion analysis, biomechanics assessment and simulation tools
- Small scale production of prototypes

1.5 Digital Health Solutions for:

- Access to interoperable Medical Cloud Platform
- Open and secure access to health data/ algorithms
- Risk prediction models via AI analytics for chronic diseases for personalized treatment
- In silico clinical trials using AI Algorithms and simulation of the effects, toxicity and efficacy of new compounds in the virtual population for personalized medicine and treatment.
- Access to small prototyping production facilities
- Tools for transcriptomic profiling in drug and biomarker discovery
- Gamification tools with the use of AR/ VR technology for osteoarthritis curation, sports rehabilitation, empowerment of patients

Service Category 2: Skills & Training



Services

2.1 Open Platform for Training Initiatives in Digital Health and Job Repository

2.2 Massive Open Online Courses on Digital Health technologies - Access to Future Training Labs using VR & AR

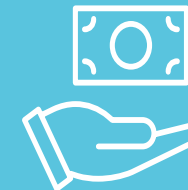
2.3 Accredited Training & (Re)skilling of the Healthcare Workforce on Digital Transformation

2.4 Virtual Hackathons for Researchers, ICT and Healthcare Professionals and Experts, for Software Developers, Analysts, Start-ups and Innovators with an Early-stage or a Tested Idea (TRL 3-8) in AI-enabled Digital Health Services/ Products

2.5 On-site Bootcamps for Software Developers and Analysts in AI-enabled Digital Health Technologies

2.6 Access to VR/ AR Production Lab and Guidance from Experts to Develop Educational Content, Serious Games & Create 360° Learning Experience for Technology Enhanced Trainings

Service Category 3: Support to find investments



Services

3.1 Capacity Building Events for:

- **Public (EU & national) funding opportunities**
- **Private funding options, requirements and preparations**
- **How to make use of EC's relevant digital tools**

3.2 Assessment on Investment Readiness and Relevant Consulting – Mentoring to Attract Funding or Financing

3.3 Business Model & Financial Coaching for SMEs, Startups & the Public Sector

3.4 B2I Matchmaking Events

3.5 Consulting & Support for Connection and Access to the New Markets at National and EU Level & Acceleration Services - in Collaboration with EDIHs Corridors & EKT-Greek EIT HEALTH HUB-EEN Hellas



Service Category 4: Innovation ecosystem & networking

Services

4.1 Innovation Mapping – Technology Scouting

- Digital Health Market intelligence at national and EU level
- Basic Innovation Mapping
- Advanced Innovation Mapping
- Orientation & Deep Innovation Support TRL 3- 8

4.2 Innovation Management Capacity Building Services for SMEs & Start-ups

4.3 HealthTech Watch & Matching System with Potential Collaborators

4.4 Open Innovation Days

4.5 Innovation Procurement Broker in the Field of Health

Health & Digital Transformation Networks we are Proud Members of



The Global Connector
European Connected Health Alliance



Alliance for Internet of Things Innovation



HDHC
Hellenic Digital Health Cluster



**DIH & DIGITAL
HEALTH CLUSTER**



**NEW EUROPEAN ELECTRONICS
FOR GLOBAL HEALTH AND WELLBEING**

COLLABORATION



PYTHEIA
COMPETENCE
CENTER



IONIAN
UNIVERSITY

altoida



UNIVERSITY
OF THESSALY
creative years



UNIVERSITY OF THE AEGEAN



HYGIEIA
SCIENTIFIC RESEARCH AND
EDUCATIONAL CLUSTER



2000+

Health & Pharma
Organisations

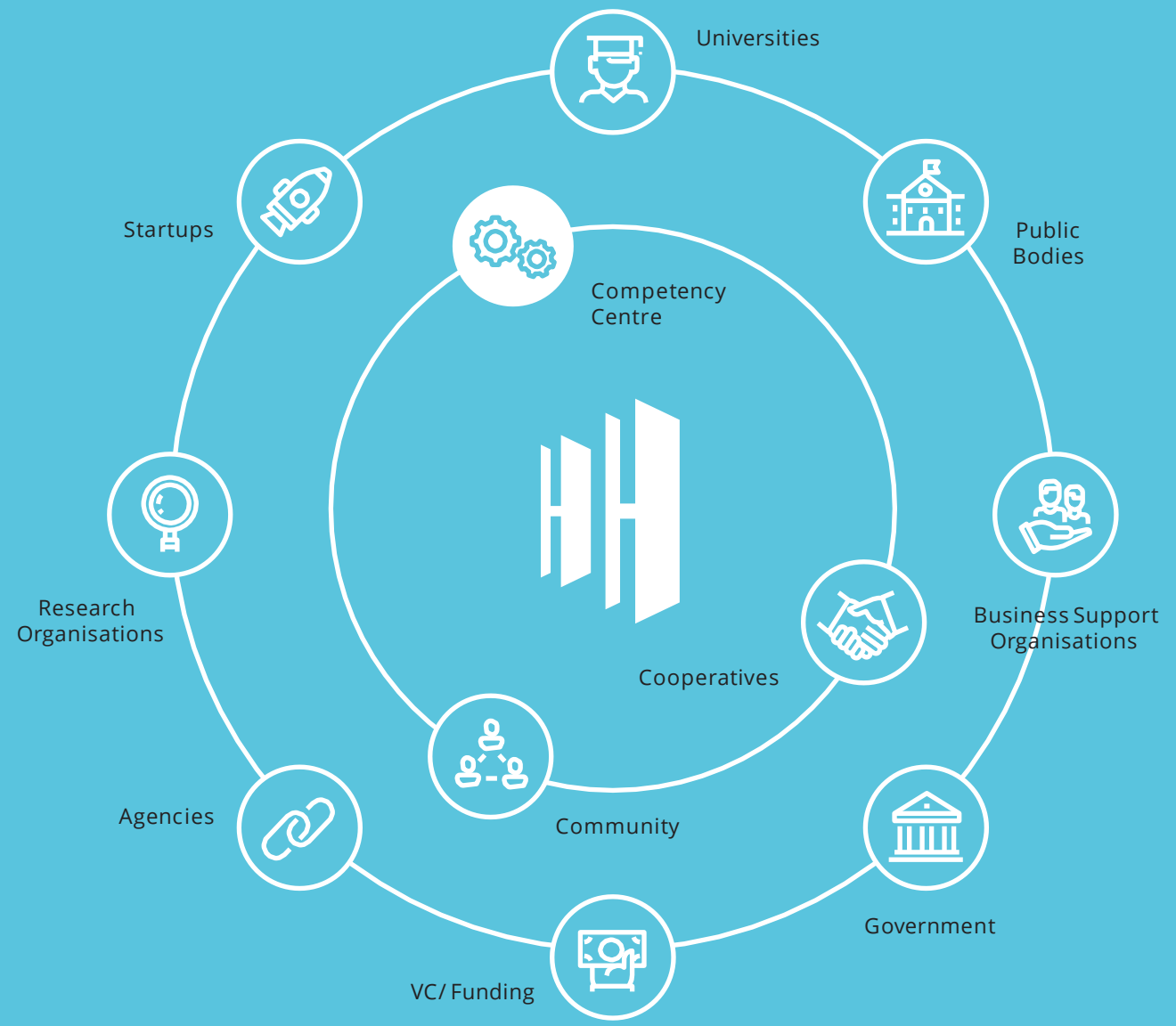
1 mil.

Potential end-users of our
services & products

100+

SMEs & start-ups to be
supported

Our ecosystem



Target Groups in Greece

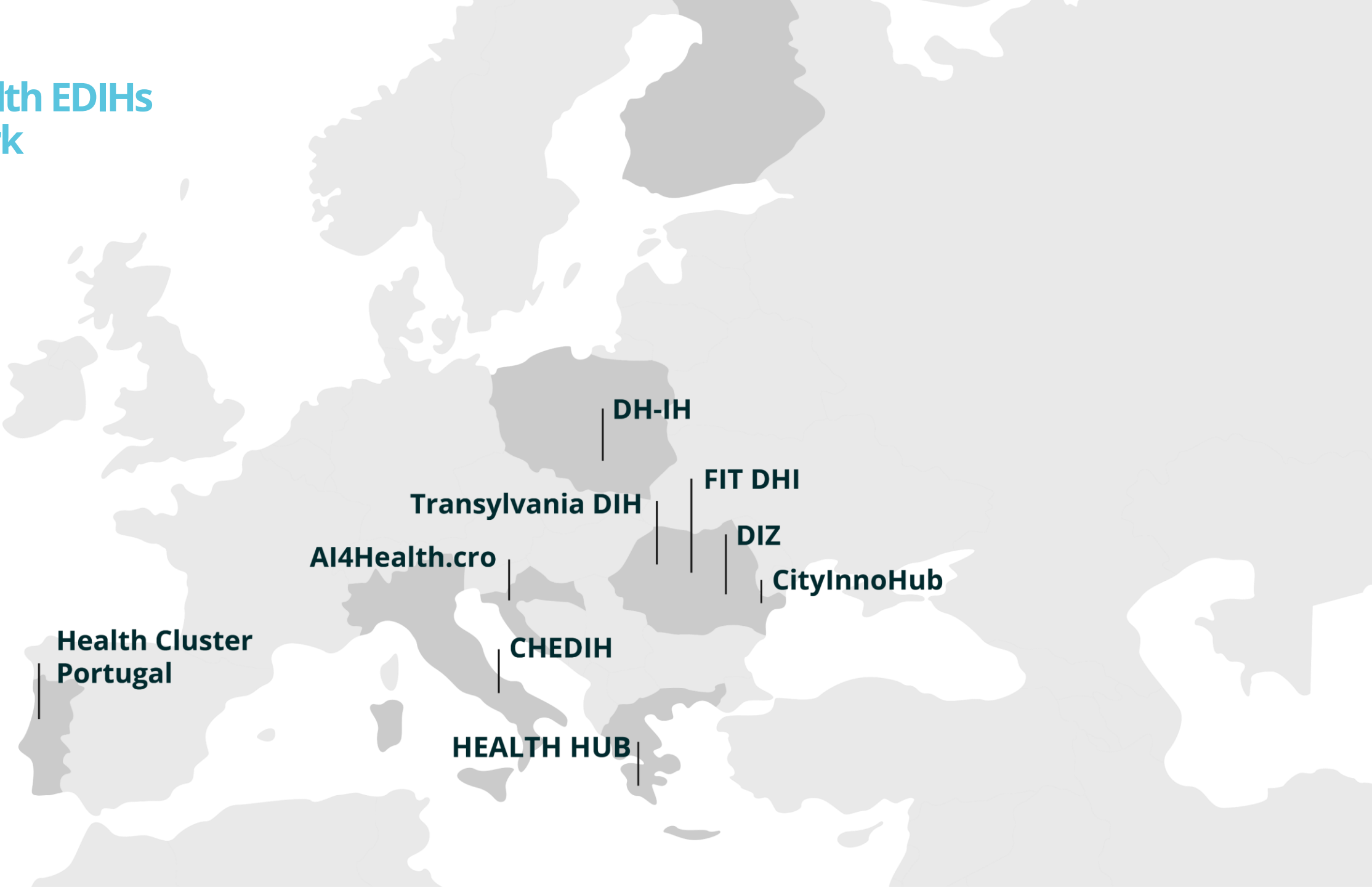
150+ Diagnostic Centres		Public Sector
	50+ Rehabilitation Centres	
80+ Pharmaceutical companies		Entrepreneurs, Small Business Leaders, Young Entrepreneurs
	35+ Insurance Companies	
60+ Hospitals		Doctors, Healthcare Practitioners & Medical Workforce
	10+ Health Tech Companies	
60 National Medical Associations		Students & Fresh Graduates
	Researchers in the Biotechnology & Health Sciences	

AI Health
Corridor

ROBOCOAST



**EIT Health EDIHs
Network**



AI4Health.cro

Transylvania DIH

DH-IH

FIT DHI

DIZ

CityInnoHub

**Health Cluster
Portugal**

CHEDIH

HEALTH HUB

North-South Logistics Corridor



5STAR eCorridors

CCSAI

CASSOVIUM

Hungarian AI EDIH

DIH4Society

TBS

HEALTH HUB

Communication Activities

Conference Participation

Exhibitions

Networking Activities

Online and Offline Events

Roundtable Sessions

Workshops

International Activities



ied.eu/about/health-hub

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