



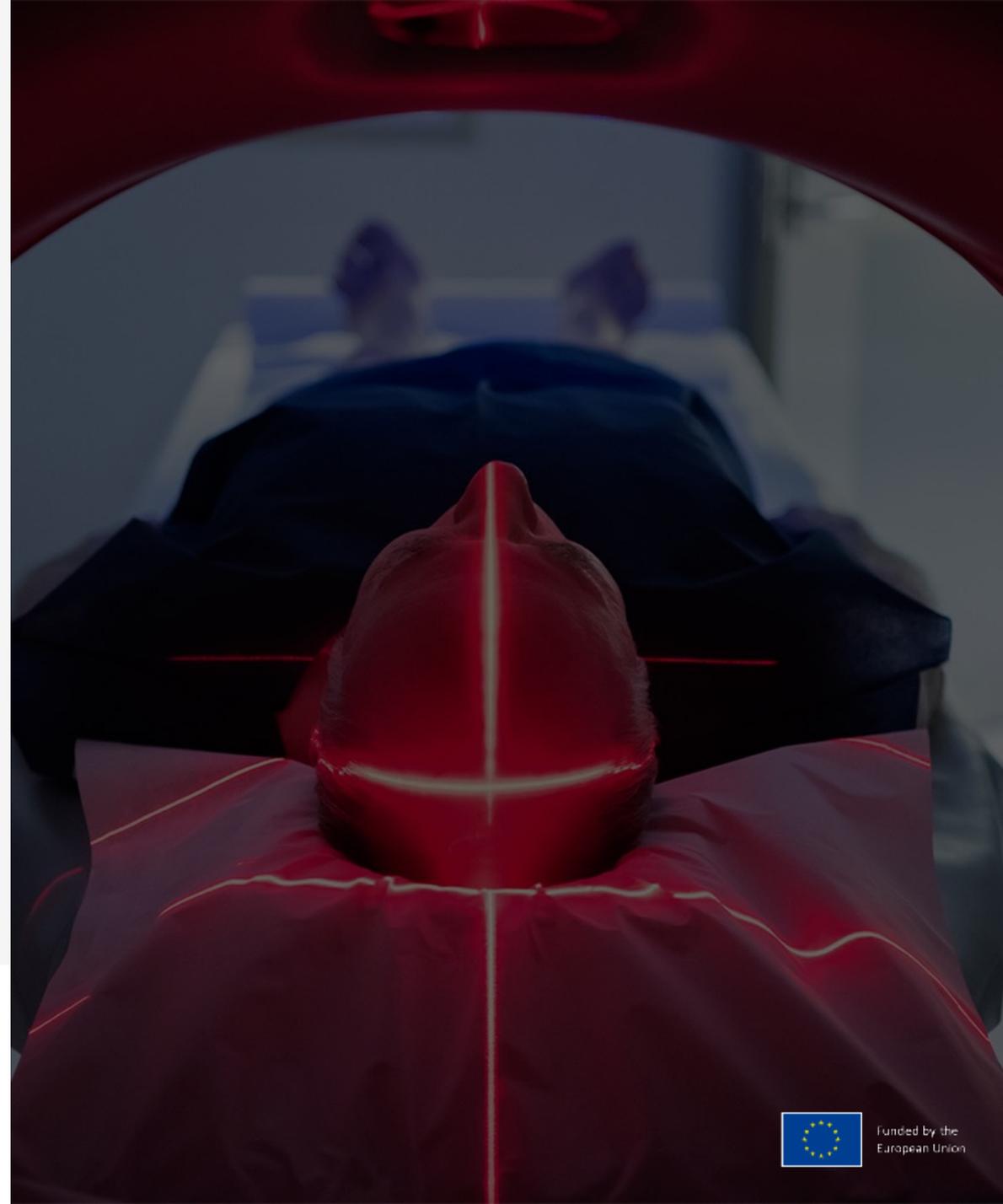
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Together for Healthier **Lives in Europe**

About EIT Health

EIT Health is a vibrant community of some of the world's leading health innovators backed by the European Union.

Working across borders, we harness the brightest minds from business, research, education and healthcare delivery to answer some of Europe's biggest health challenges.



Where did it all begin?

- EIT set up in 2005 as a Europe-wide research powerhouse to rival the Massachusetts Institute of Technology (MIT).
- It has become Europe's largest innovation network, bringing together over 1,000 partners collaborating to find innovative solutions to pressing global challenges.
- Established in 2015, EIT Health is focussed on answering some of Europe's biggest health challenges.



The challenge

Europe is facing a turning point in healthcare.



A growing ageing population



An increase in infectious diseases, pandemic threats and antimicrobial resistance



Chronic diseases are the leading cause of mortality and morbidity in Europe¹

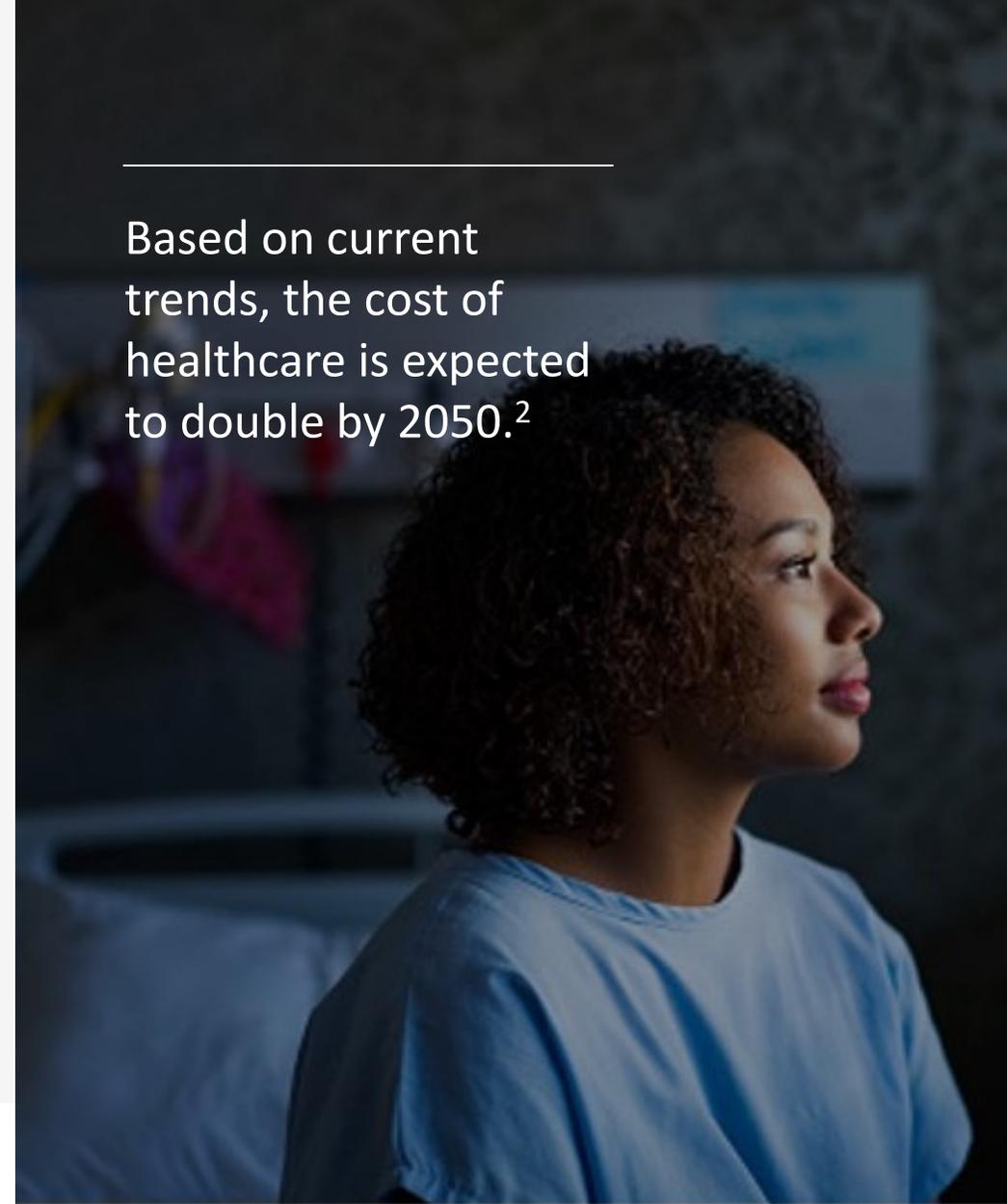


Rising costs of healthcare delivery alongside spending constraints



Social and healthcare systems are typically slow to change and adapt

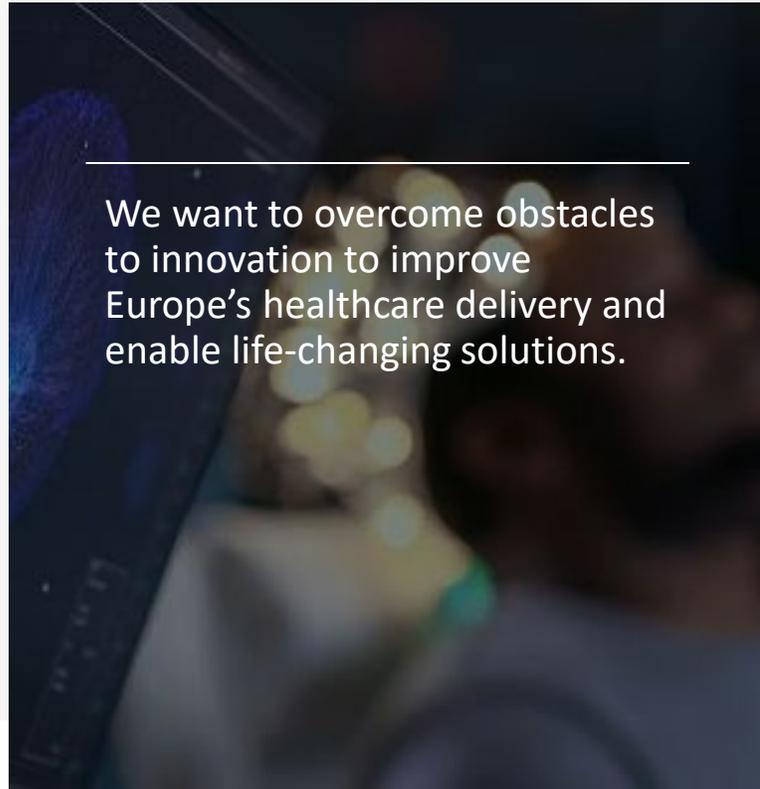
Based on current trends, the cost of healthcare is expected to double by 2050.²



Our goals



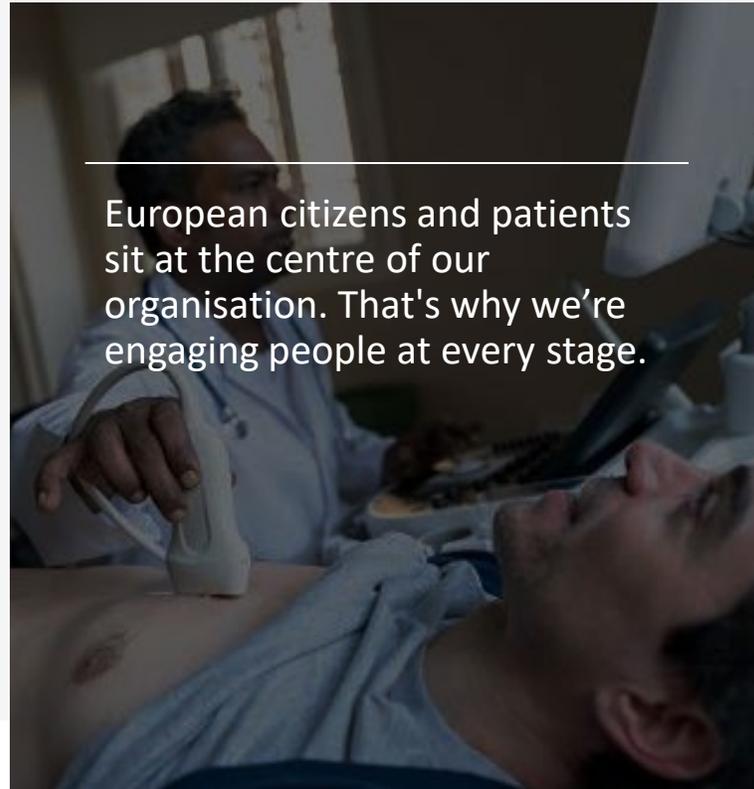
Strengthening healthcare systems in Europe



We want to overcome obstacles to innovation to improve Europe's healthcare delivery and enable life-changing solutions.



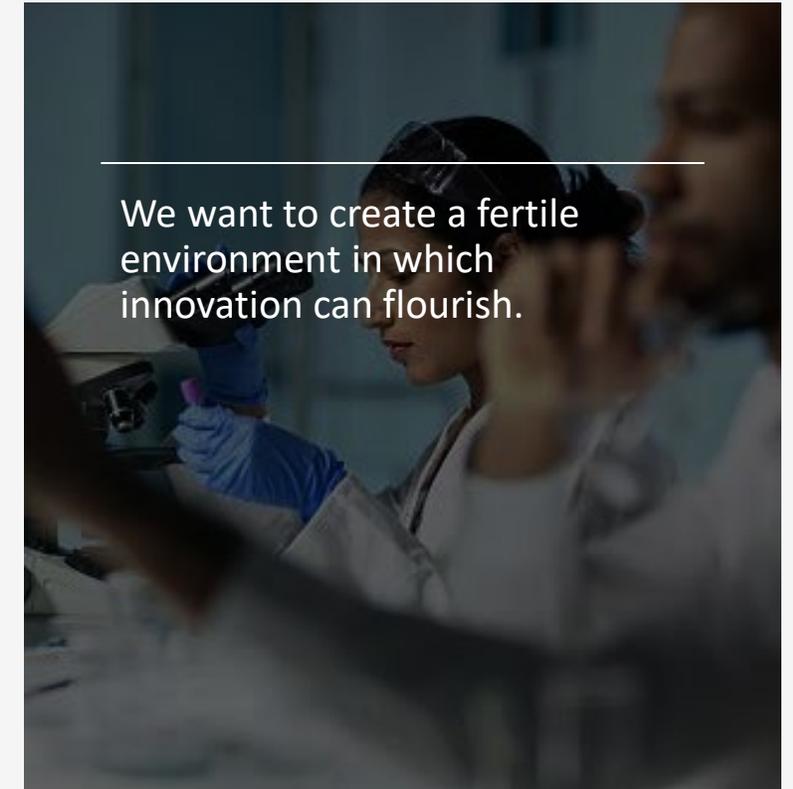
Promoting better health of citizens



European citizens and patients sit at the centre of our organisation. That's why we're engaging people at every stage.



Contributing to a sustainable health economy in Europe



We want to create a fertile environment in which innovation can flourish.



Our long term aims

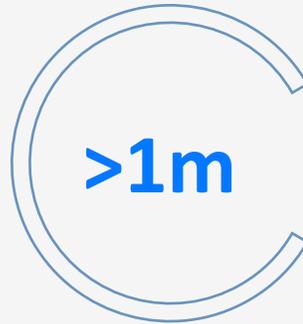
By 2030 we'll be Europe's leading health innovation platform, facilitating longer, healthier, lives and more sustainable health systems.



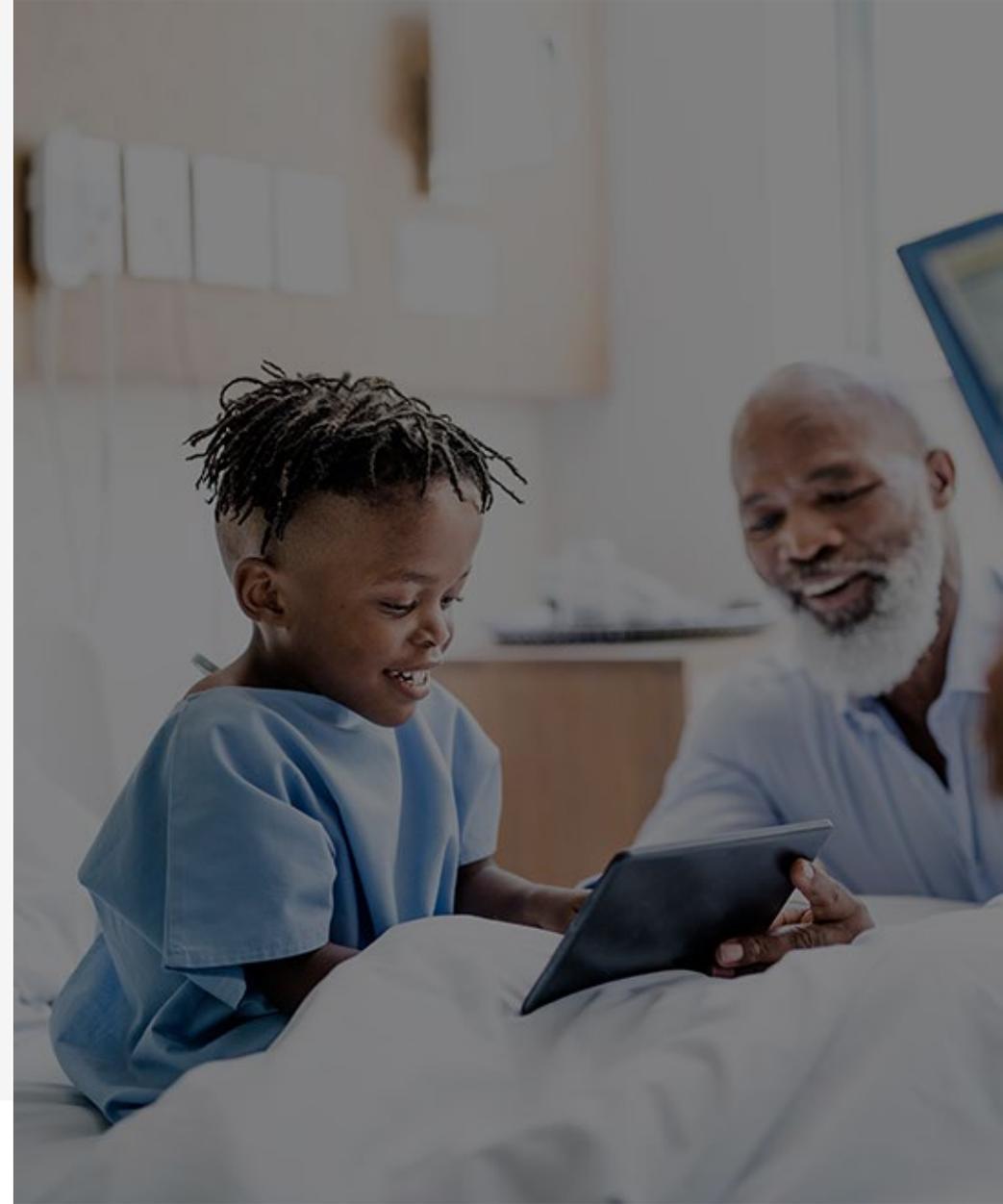
Products, services, new business models and processes.



Investment for high impact start-ups and scale-ups.



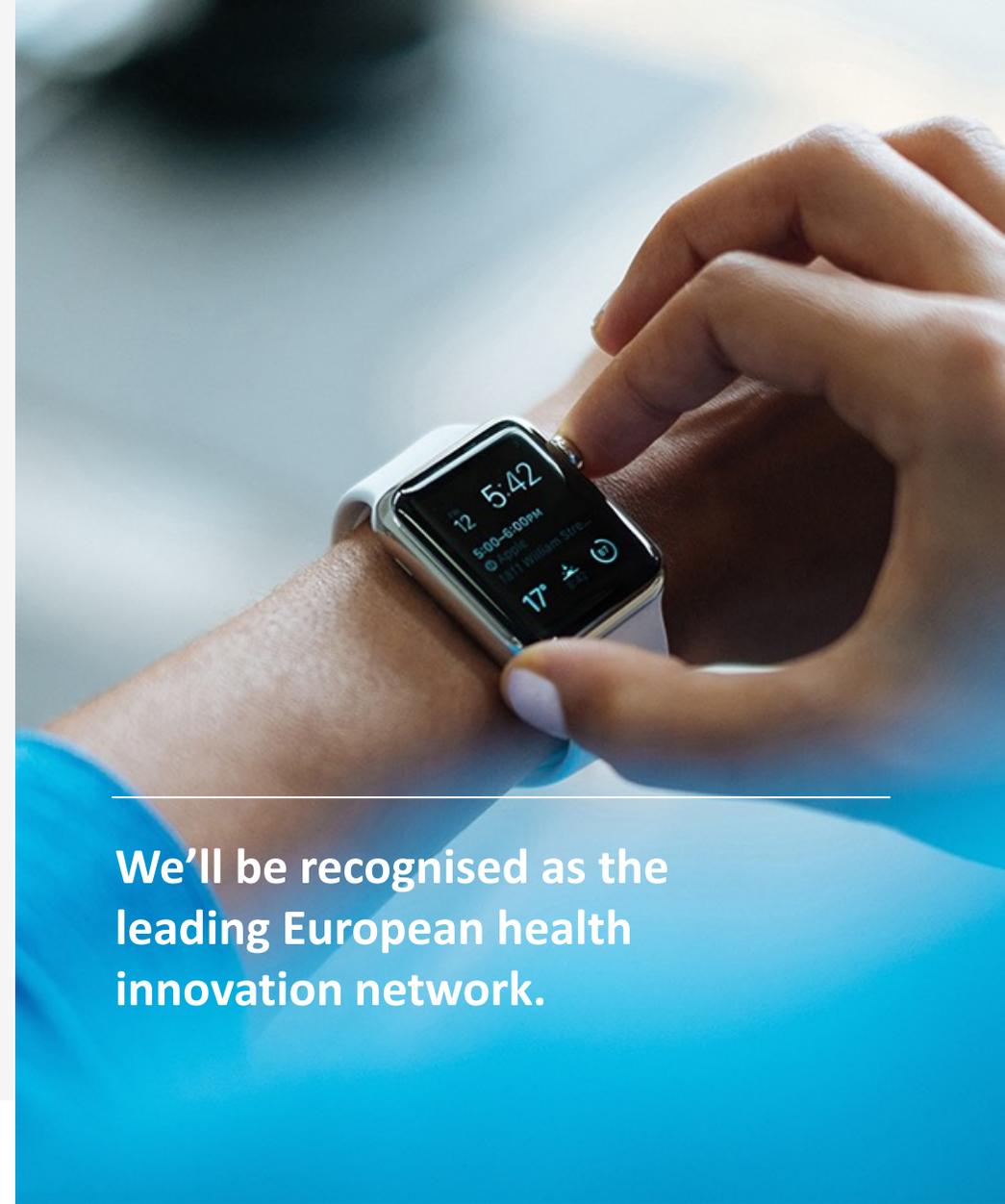
Professionals reached with globally recognised education programmes.



Our vision

Improvements in the European healthcare systems will enable citizens' equal and fast access to high quality and affordable care across Europe, leading to improved health outcomes.

Disease prevention, or health maintenance, will take centre stage, with citizens empowered to protect their own health through advances in education and technology.



We'll be recognised as the leading European health innovation network.

Our approach

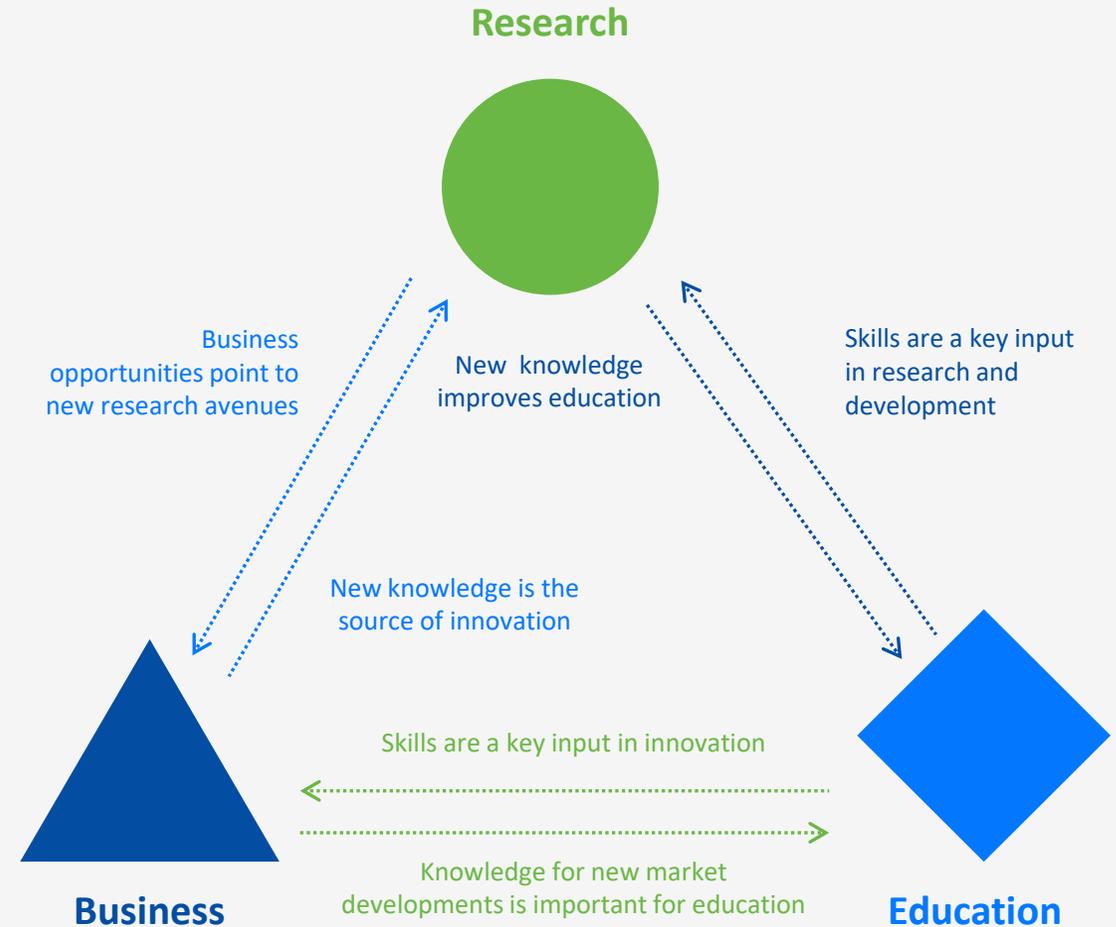
We identify unmet needs and initiate innovation to solve Europe's biggest health challenges today, and in the future.

Our community includes approximately 150 world-class partner organisations, and works across borders to connect business, research and education.

We call this meeting point the 'knowledge triangle', where life-changing innovation happens.

We create an environment where the brightest minds can explore new ideas, allowing a new type of healthcare to thrive for the benefit of citizens.

We empower a network of innovators to break down barriers, challenge convention and take action to put life-changing products and services into citizens' hands.

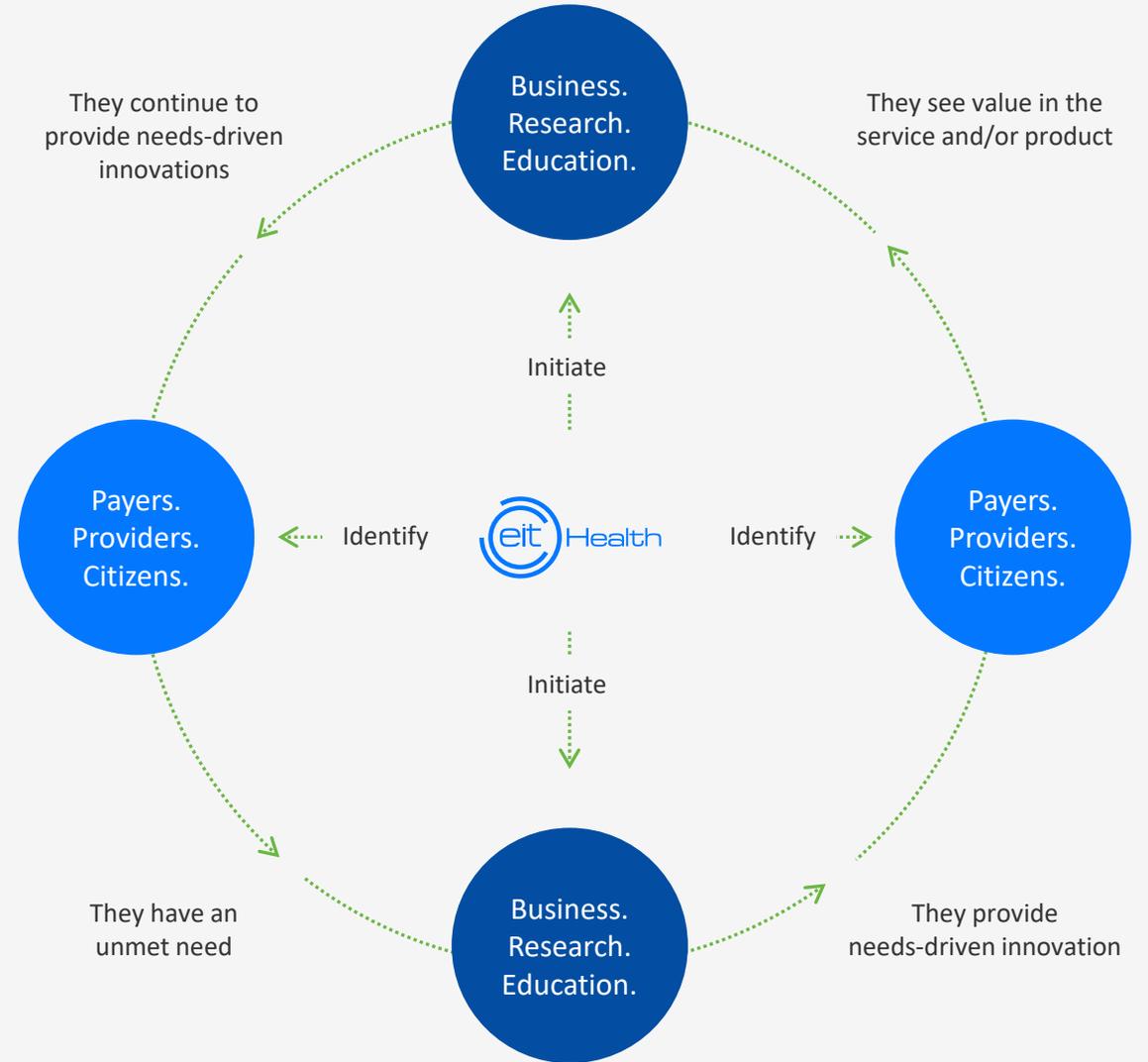


Our approach

We identify unmet clinical and economic needs within complex healthcare systems.

Then **initiate innovation** by bringing together the brightest minds from education, business, and research.

Addressing the needs of the market and society.



Our 6 Focus Areas

1

Reforming care pathways

Provide end-to-end care before the onset of disease through to end-of-life support. Optimise long-term care.

2

Healthcare transformation

Modernise European healthcare systems. Bring together innovators to overcome fragmentation and create a sustainable healthcare system.

3

Harnessing real-world data

Exhaust the wealth of healthcare data available across Europe to improve the lives of patients and citizens.

4

Bringing care home

Shift healthcare delivery from the hospital to the home to release pressure on hospital service.

5

Health in the workplace

Improve workplace health at every level through better education, improved personal awareness and easier access to healthy choices.

6

Fostering healthier lives

Change lifestyle behaviours by creating patient tools and incentives that help prevent early ageing, reducing disease and disability.

Our value for citizens, since 2016:



already brought to market tackling complex health issues.



are developing solutions for hundreds of health issues.



have been empowered to foster healthier living and prevent disease.

We speed up the innovation process to deliver health innovations into the hands of those who need them most.

Our value for our partners



Access to Europe's largest cross-border health innovation network spanning the entire healthcare stakeholder landscape.



Ability to work in close collaboration with healthcare's brightest minds.



Access to decision makers at EU level to help shape the healthcare landscape.



At the forefront of cutting-edge health innovation to transform healthcare in Europe.



“Research collaborations between academic researchers and industry are essential in helping to understand unmet clinical needs and in developing appropriate technology solutions to address those needs; ultimately resulting in better patient care and outcomes.”

ATTILA FERIK, GE HEALTHCARE

Our presence

EIT Health supports cross-border collaboration.

Six regional innovation hubs

Operate as strong clusters of relevant actors collaborating as a thriving ecosystem.

InnoStars

Headquartered in Budapest, EIT Health InnoStars spans several geographic regions in Hungary, Italy, Poland and Portugal.

Regional Innovation Scheme (RIS) (Pink pins)

EIT Health has expanded the community's presence with a EIT Health Regional Innovation Scheme in 13 regions across Central, Eastern and Southern Europe.

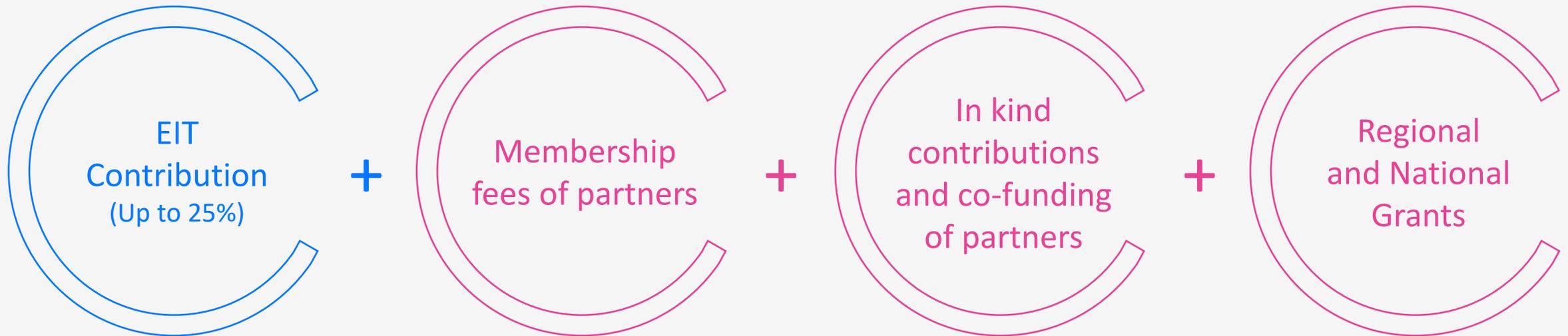
Beyond Europe (Cyan pin)

Further hubs in the United States and Israel, connect innovators across Europe to other key thriving ecosystems beyond the EU.



Our funding model

We implement a lean, sustainable and demand-driven governance model with incentives to ensure minimal administrative costs, transparency, efficiency, agility and connectivity. We are developing strategies to ensure the sustainability of our operations beyond 2022.

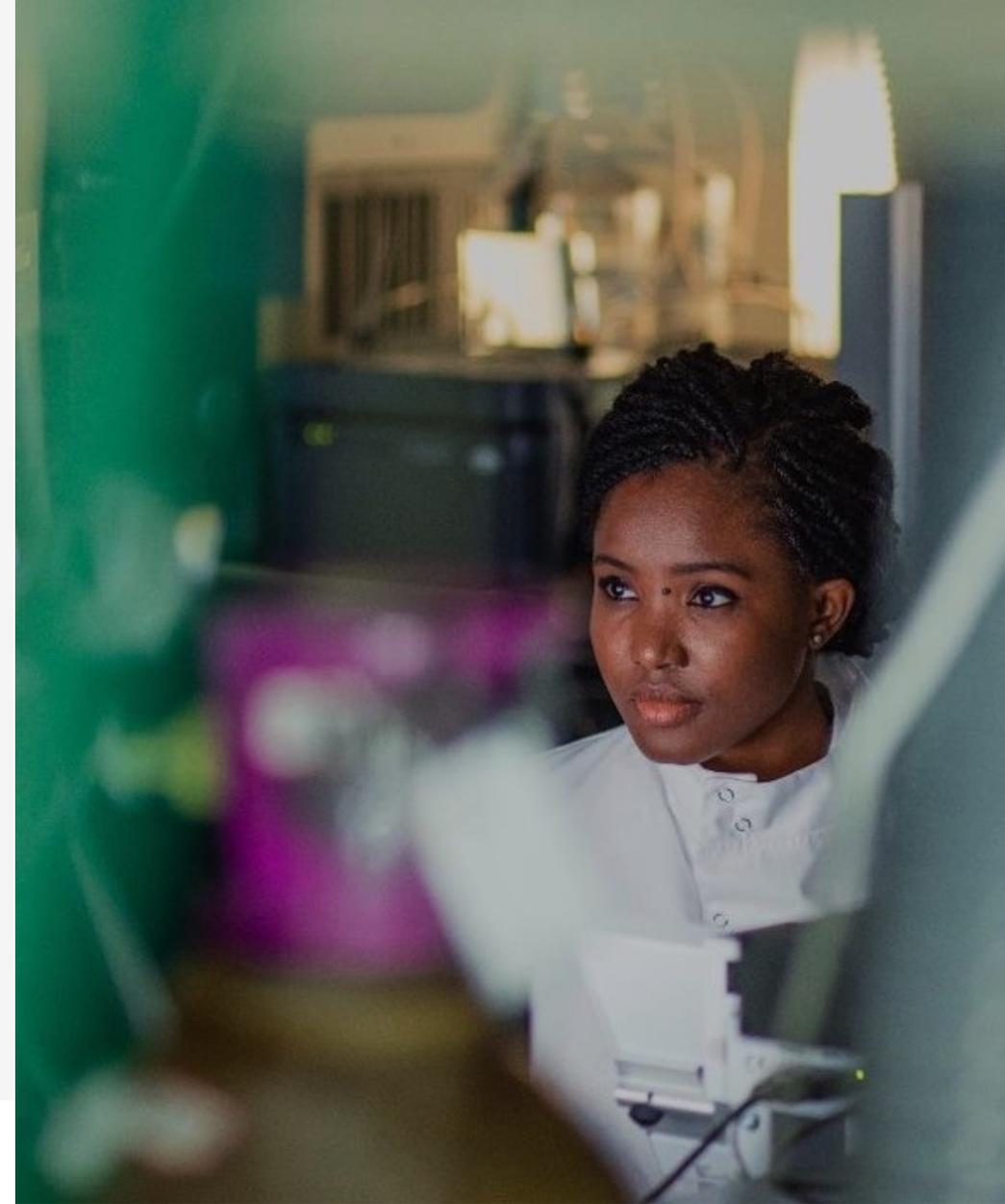


Our network

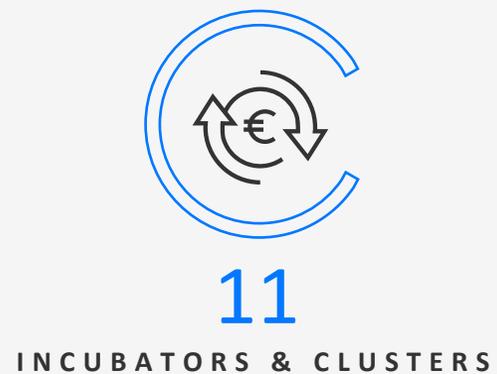
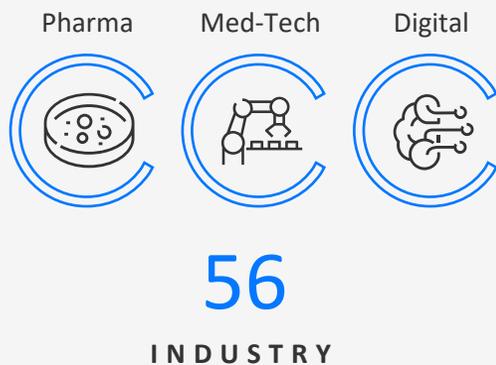
EIT Health has built Europe's largest health innovation network connecting approximately 150 world-class organisations and entities from business, research, education and healthcare delivery.

- Cumulative R&D spend of more than €35 billion per year.
- Access to citizens, patients and markets.
- A thriving ecosystem of more than 750 start-ups plus education and training programmes.

The result? Life-changing ideas become reality.



Expertise from all areas



Partner participation in EIT Health

Core Partners

Propose activity in response to the EIT Health business plan

No limit to level of funding request

Can vote on matters of operational importance in our partner assembly

Membership fees
€75,000 per year

Associate Partners

Propose activity in response to the EIT Health business plan

Request up to €350,000 in funding

One vote within our partner assembly

Membership fees
€30,000 per year

External Project Partners

Participate with core or associate partners on individual projects only

N/A

No voting rights

No fees



EIT Health 2020: The Plan



30,000

citizens participating in outreach programmes

1,843

citizens using our services

3,446

citizens engaged

8,000

graduates trained

12

pilot projects in InnoStars regions

15

jobs (FTE) created in KIC-supported SMEs

50

jobs (FTE) created in new business organisations

2

start-ups created by students and graduates from EIT Health MSc and PhD programmes

90

graduates from MSc and PhD programmes

15

products (goods or services) or processes launched

6

start-ups created as result of innovation projects

258

start-ups supported by KICs

€94.7m

investment attracted by start-ups



Our impact

We're transforming the way healthcare is delivered in Europe, changing lives, making new leaps in healthcare that puts the patient front and centre.

Innovation



innovation projects supported



products or services brought to market

Accelerator

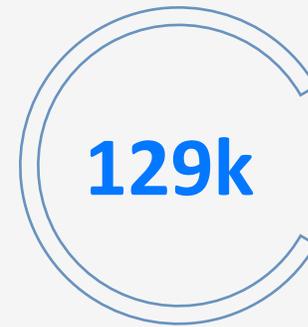


supported more than 740 start-ups



raised more than €205m investment

Education



citizens have been empowered to foster healthier living and prevent disease



graduates and professionals trained



Our programmes: Accelerator, Education and Innovation



Accelerator

A catalyst to business growth to deliver transformative products and services.

Shortens the time-to-market for entrepreneurs, start-ups and SMEs, while creating new jobs and contributing to a thriving health economy.



Education

Bridges the gap between academia and enterprise to upskill professionals on new innovative techniques, providing the practical knowledge and inspiration to deliver future innovation.

Engages learners across society, from citizens to established healthcare professionals.



Innovation

Connects bold approaches to the people who can make them a reality by turning them into a commercially-viable product or service.

Builds a task force of world-class experts from business, research and education.



Participating in EIT Health

Start-ups

Direct application
to programmes

Free or success fee
based and/or grant for
options/equity

Innovators and Entrepreneurs

Direct application
to programmes

Free or success fee
based and/or grant
for options/equity

Learners

Direct application
to programmes

Mostly free,
few for a fee

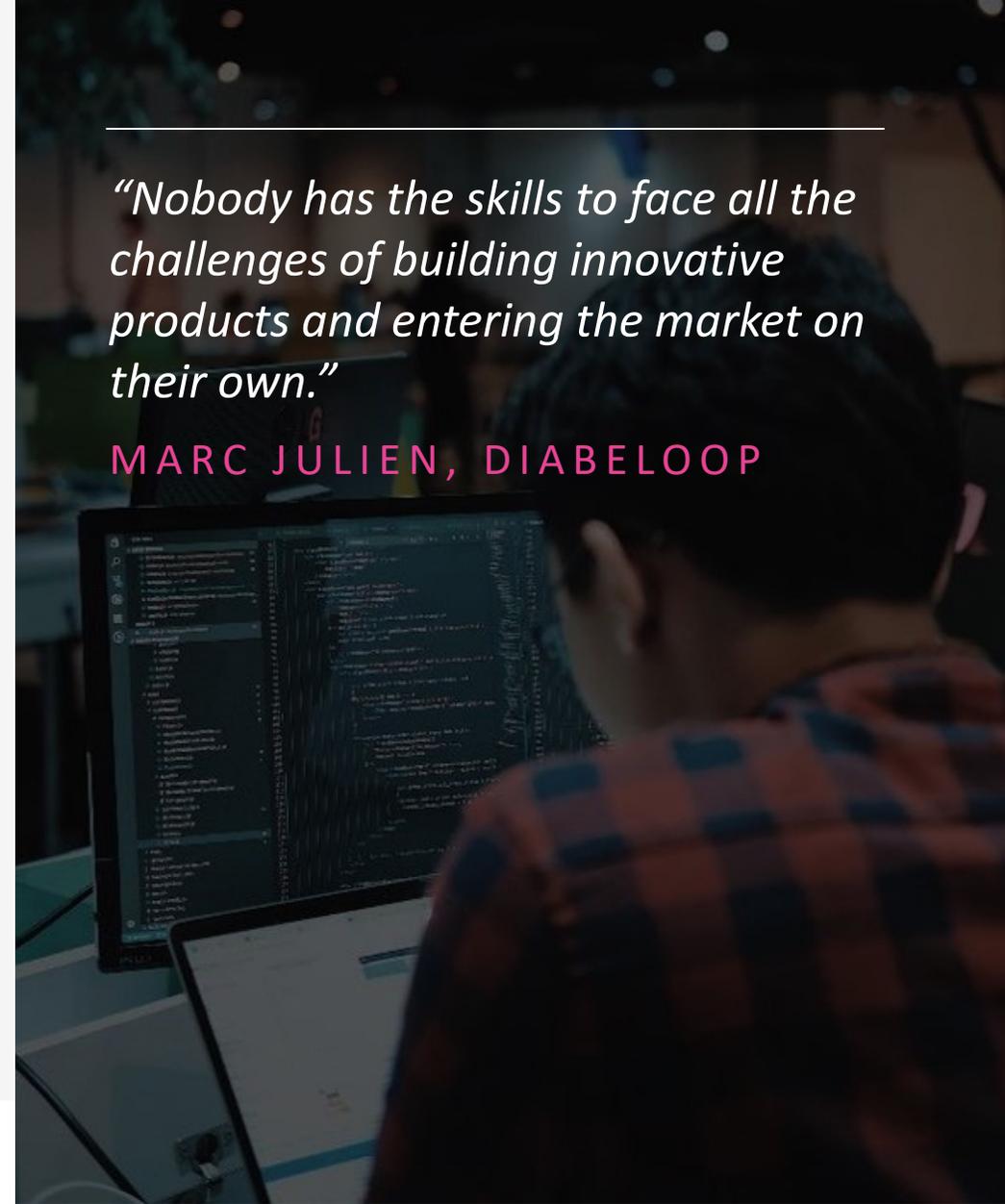


How our network supports innovators and entrepreneurs

- Unrivalled access to knowledge and talents from world-leading organisations and institutions
- Patient and market insights
- Data access
- Regulatory affairs support
- Product testing and validation
- Market access
- Funding
- Education

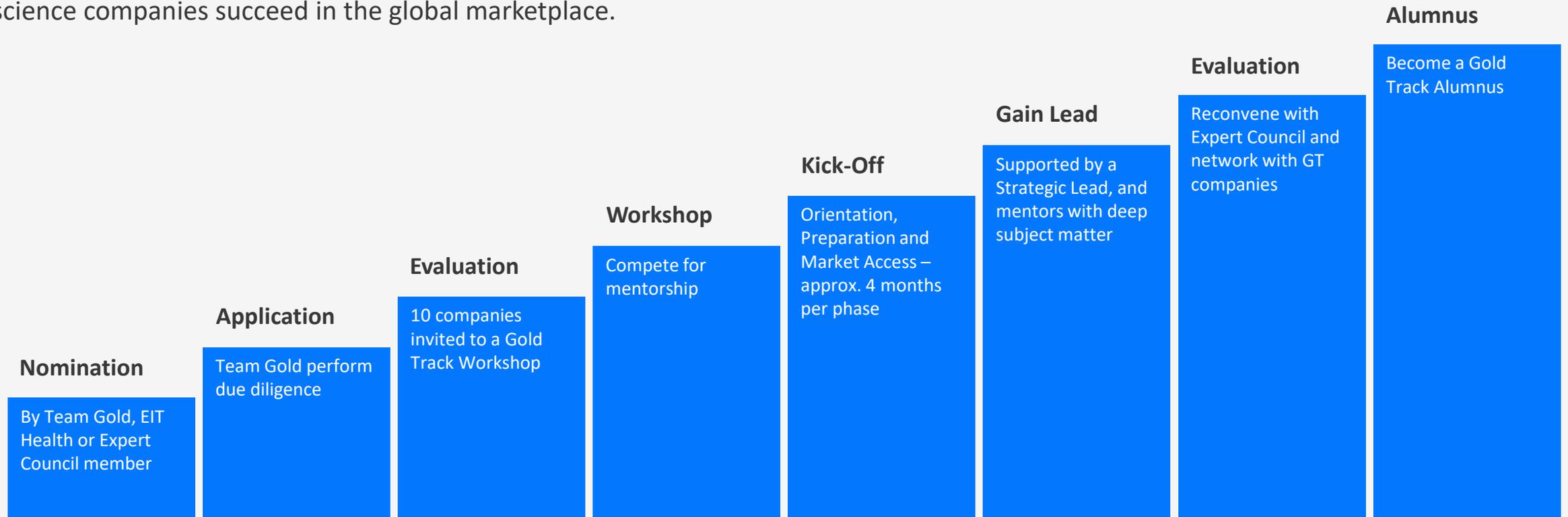
“Nobody has the skills to face all the challenges of building innovative products and entering the market on their own.”

MARC JULIEN, DIABELOOP



Gold Track – eight steps to success

A highly individualised mentorship programme to help scalable life science companies succeed in the global marketplace.



Access to finance

To date we have helped our start-ups attract €248m+ in funding.
In the future we plan to provide additional support through:



Investor Network

All EIT Health start-ups

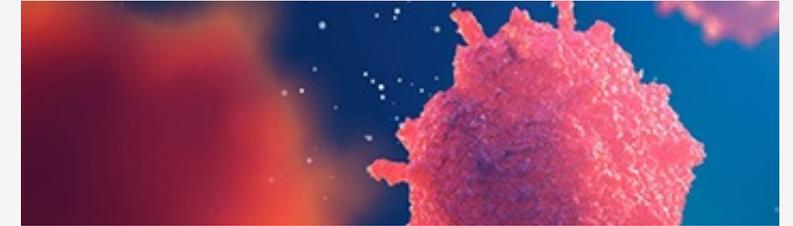
38 Venture Capital and Business Angel networks actively managing €2.6 billion.



Crowdfunding Platform

Promising start-ups and SMEs

The first pan-European equity crowdfunding platform for healthcare companies in partnership with aescuvest.eu.



Venture Centre of Excellence

High potential scale-ups

EIT Health and the European Investment Fund (EIF) launched a Venture Centre of Excellence (VCoE).

THANK YOU!

montse.delgado@eithealth.eu



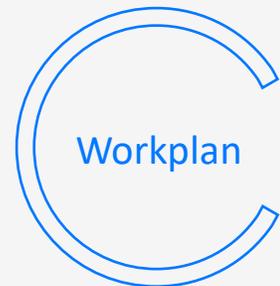
What is a good innovation project?



- Interview 5-8 KOLs



- Elevator pitch
- Clear achievements



- Clear plan
- Tasks, milestones and risk identified
- Clear deliverables



- Not research
- Market facing: outcome and cost focussed
- System and organisational: health economic studies



- Science led



- Three years max to market entry
- Buyer/User identified
- Commercial & social opportunities identified



- Right partners for the area
- Commitment from Partners or users



- Clinical validation is well defined



- Linked to activities



Wild Card

Every year, Wild Card builds two ventures that break new ground, push boundaries and troubleshoot some of European healthcare's greatest challenges.

We attract the brightest talent, mentor founders-to-be and invest up to €2 million in the two most promising ventures.

Current Challenges



Women's Health

How can we improve prediction, diagnosis and treatment to make major leaps in women's health?



Digital Therapeutics

How can we harness the power of digital solutions to help EU citizens lead longer, healthier lives?

Wild Card builds game-changing life sciences companies. We challenge the best to help find solutions that will transform healthcare.



Innovation's achievements

We've launched 55+ products or services onto the market including solutions for prostate cancer, diabetes and anti-microbial resistance.

Over 160 innovation projects supported since 2016.



2016 highlights

First successful tests of modifying X-ray components to work in an MRI setting.



2017 highlights

CLOSE - automated glucose control to innovate homecare for severely ill, insulin-treated patients with type 2 diabetes mellitus.



2018 highlights

S4dx which aims to close the data gap between blood collection and lab analysis, enabling a new quality standard for diagnostic decision-making.



2019 highlights

65 Innovation projects supported



Spotlight: Abtrace

Getting antibiotics right

- Abtrace is a previous winner of the EIT Health Wild Card programme, which challenges Europe's innovators and game-changers, regardless of their background, to solve some of the most complex healthcare issues
- Abtrace is tackling the worldwide issue of antibiotic overuse and misuse head-on, by helping clinicians to prescribe the most appropriate antibiotic for each individual based on their healthcare needs and condition.



Innovation in action

Abtrace: fighting anti-microbial resistance (AMR) with data

1

The growing threat of AMR

One of the biggest threats to global health.¹

Certain bacteria are becoming resistant to even the most powerful antibiotics, due to overuse and misuse.

Growing list of infections are becoming harder, and sometimes, impossible to treat.¹

Leading to longer hospital stays, higher medical costs and increased mortality.¹

2

The fight against AMR: AI in action

Steps can be taken at all levels of society, particularly by policy makers, healthcare professionals and the healthcare industry.¹

Abtrace uses Artificial Intelligence (AI) to analyse and aggregate vast sets of global antibiotic prescription data quickly, in a simple computer software tool.

3

Fighting resistance

By helping clinicians to prescribe the most appropriate antibiotic for each individual, Abtrace are tackling antibiotic overuse and misuse head-on.

Antibiotic resistance causes **25,000** deaths per year in Europe and **2.5m** extra hospital days.²

Innovation in action

Stockholm3: a new clinical gold standard for prostate cancer diagnosis

1

One of Europe's biggest killers

75,000 men die each year in the EU from prostate cancer¹

Accounts for over 10% of total cancer deaths.¹

Prostate cancer mortality has increased in several EU countries.²

Late detection of advanced prostate cancer is likely a reflection of this trend.³

2

Revolutionary new test

Blood-based test predicts the risk of aggressive prostate cancer.

Can increase prostate cancer survival by detecting 20% more men.

Helps identify men with increased genetic risk of developing prostate cancer.

Reduces unnecessary treatments by 50% saving.⁴

Helps reduce waiting times between initial suspicions and first treatment.

3

Reducing time to market

We accelerated progress in testing, validation and market access for Stockholm3.

Through funding and access to partners and collaborators, the time to market has been reduced by years.

Stockholm3 is now in use in Sweden, Norway and Finland with other EU countries currently evaluating it.