

Interreg

España - Portugal

IMPACT RIS3T

Fondo Europeo de Desarrollo Regional
Fundo Europeu de Desenvolvimento Regional



UNIÓN EUROPEA
UNIÃO EUROPEIA



RIS3T Galicia-Região Norte

THEMATIC SESSION HEALTH

11:00 - 11:30 (WEST)

Presentation of opportunities on the Cluster health from Horizon

Europe

Afonso Duarte (AICIB, National Contact Point PT for Health)

11:30 - 12:20 (WEST):

Round table

Mabel Loza (Fundación KAERTOR)

Nuno Sousa (2CA-Braga)

Patrícia Patrício (HCP)

12:20 - 12:30 (WEST): Q&A



**Estratégia de
Especialização
Inteligente
Transfronteiriça
Galiza-Norte de Portugal
(RIS3T)**

NCPs for Health



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Horizon Europe

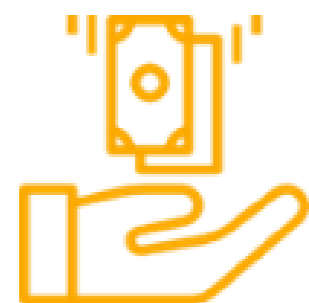
EU Research and Innovation Investment
programme (2021 – 2027)

Horizon Europe

The ambitious EU research and innovation framework programme (2021-2027)



to strengthen the EU's scientific and technological bases and the European Research Area (ERA)



to boost Europe's innovation capacity, competitiveness and jobs



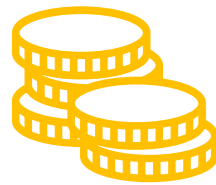
to deliver on citizens' priorities and sustain our socio-economic model and values

Horizon Europe




Horizon Europe
(95,5 B€)

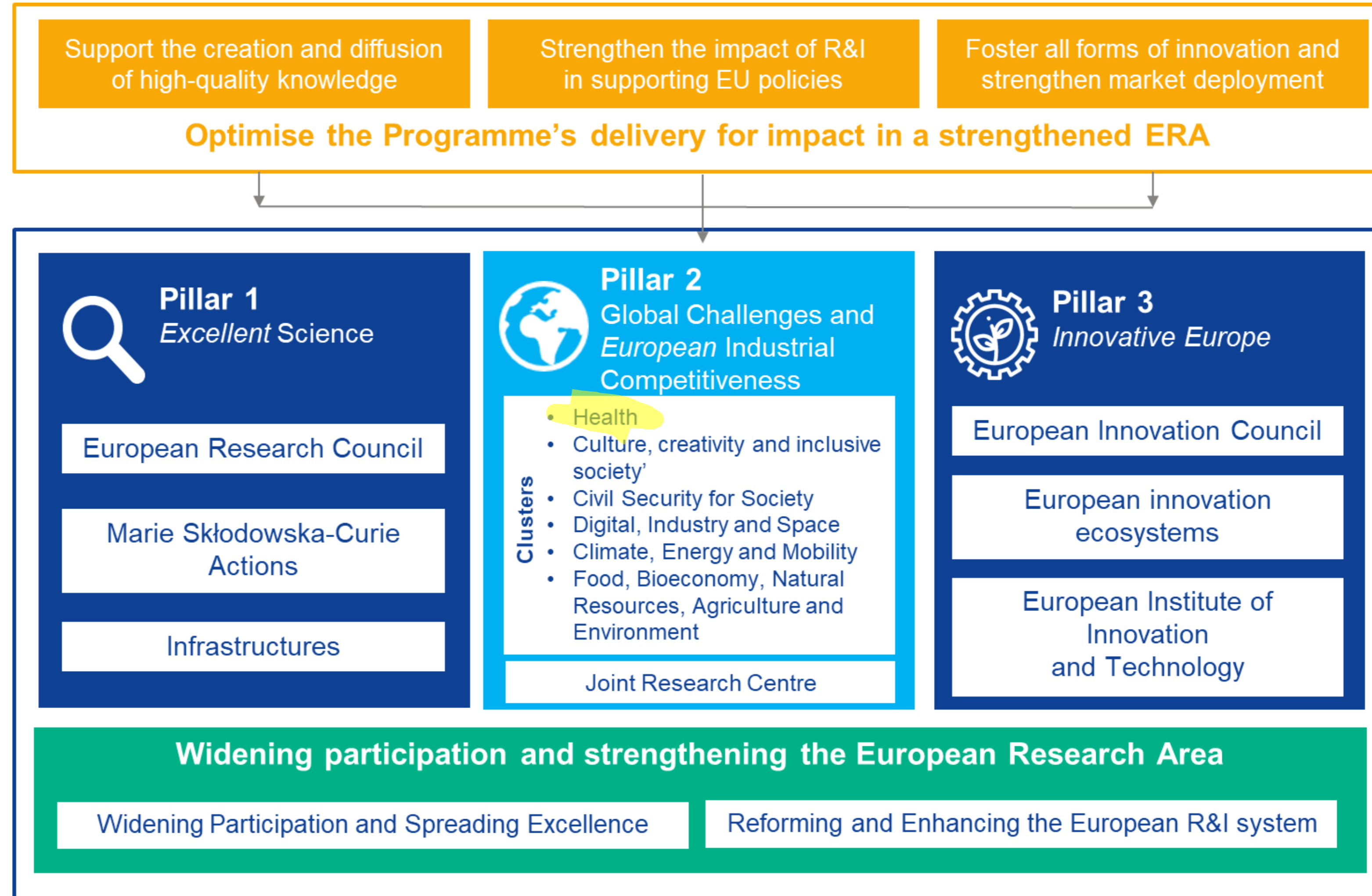
 **Pillar 1**
25,01B€

 **Pillar 2**
53,52B€

 **Pillar 3**
13,6B€

 **Pillar 4**
3,39B€

≤ 10% Missions
≤ 50% Partnerships



Horizon Europe

PERIN Portugal in Europe Research and Innovation Network

AICIB AGÊNCIA DE INVESTIGAÇÃO CLÍNICA E INOVAÇÃO BIOMÉDICA

ANI AGÊNCIA NACIONAL DE INOVAÇÃO

CIÊNCIA VIVA

FCT Fundação para a Ciência e a Tecnologia

PORTUGAL SPACE



Health Cluster – Six areas of intervention



Health throughout the Life Course



Environmental and Social Health Determinants



Non-communicable and Rare Diseases



Infectious diseases



Tools, Technologies and Digital Solutions for Health and Care



Health Care Systems

Synergies with other EU programmes and initiatives

Cluster 1 Health



Cluster Digital

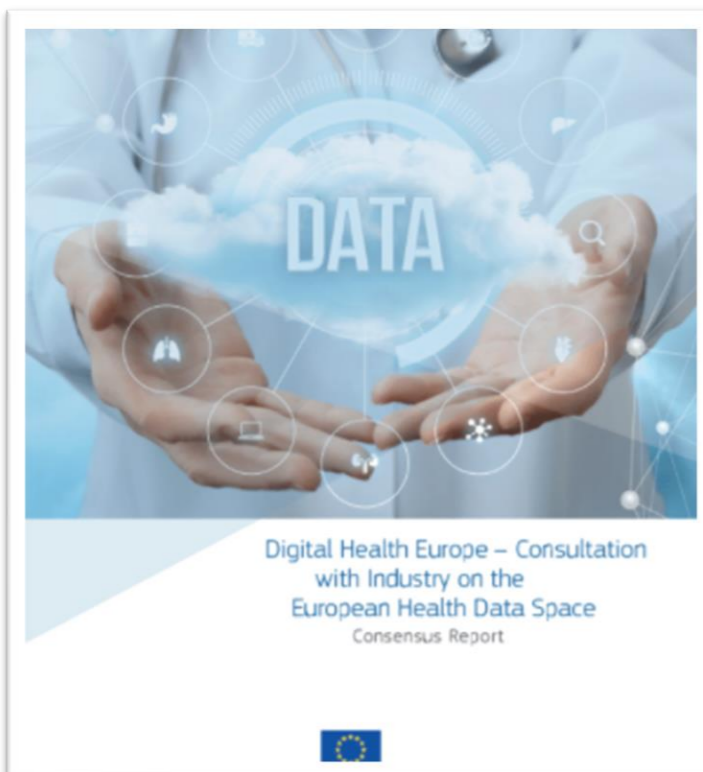
Key Digital Technologies
European Partnership on Photonics
AI, Data and Robotics
Smart Networks and Services



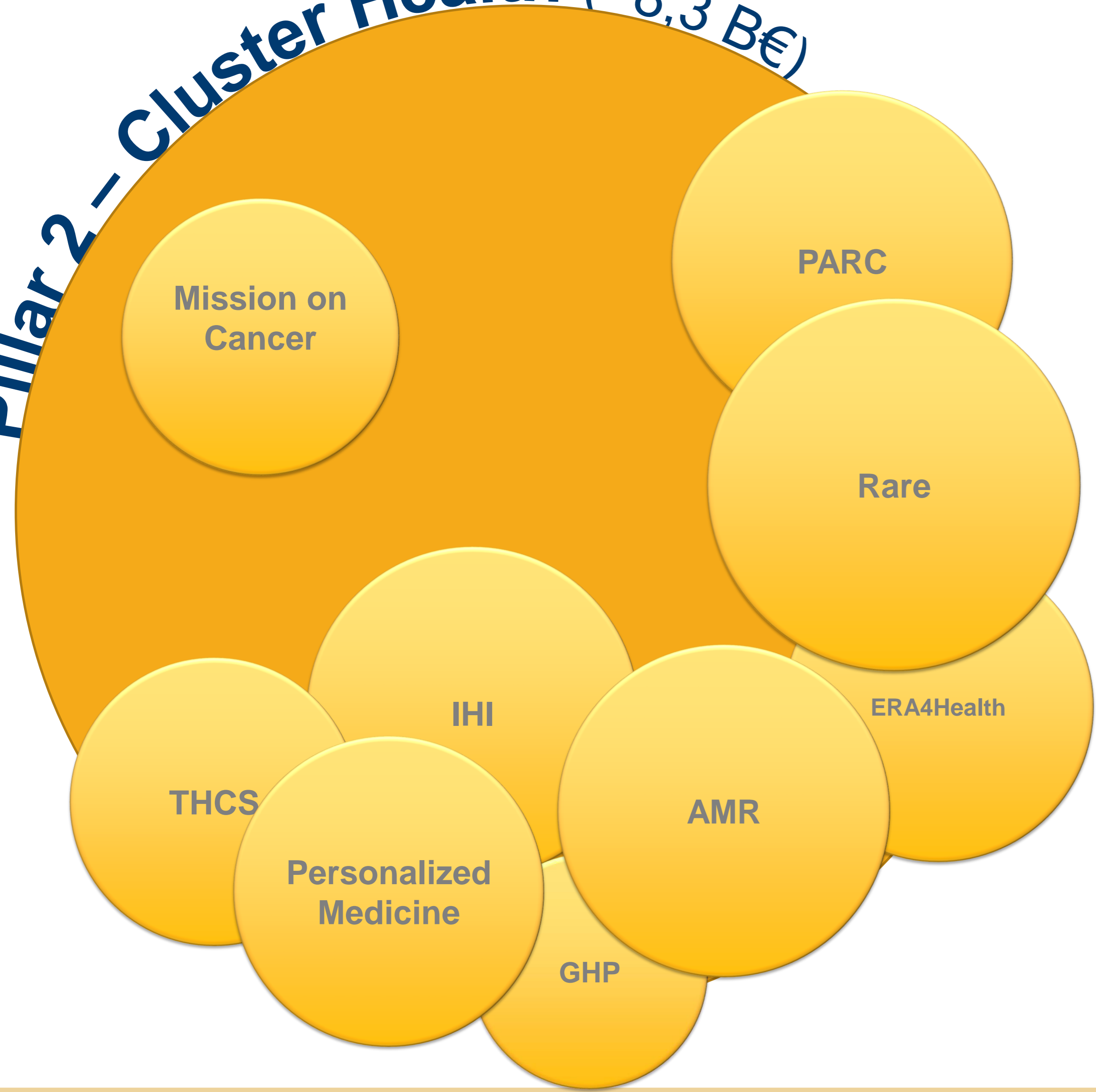
Innovative research and innovation

Interdisciplinary digital twins for modelling and simulating complex phenomena at the service of RI communities

R&D for the next generation of scientific instrumentation, tools and methods
Open in November 2021



Pillar 2 – Cluster Health (~8,3 B€)



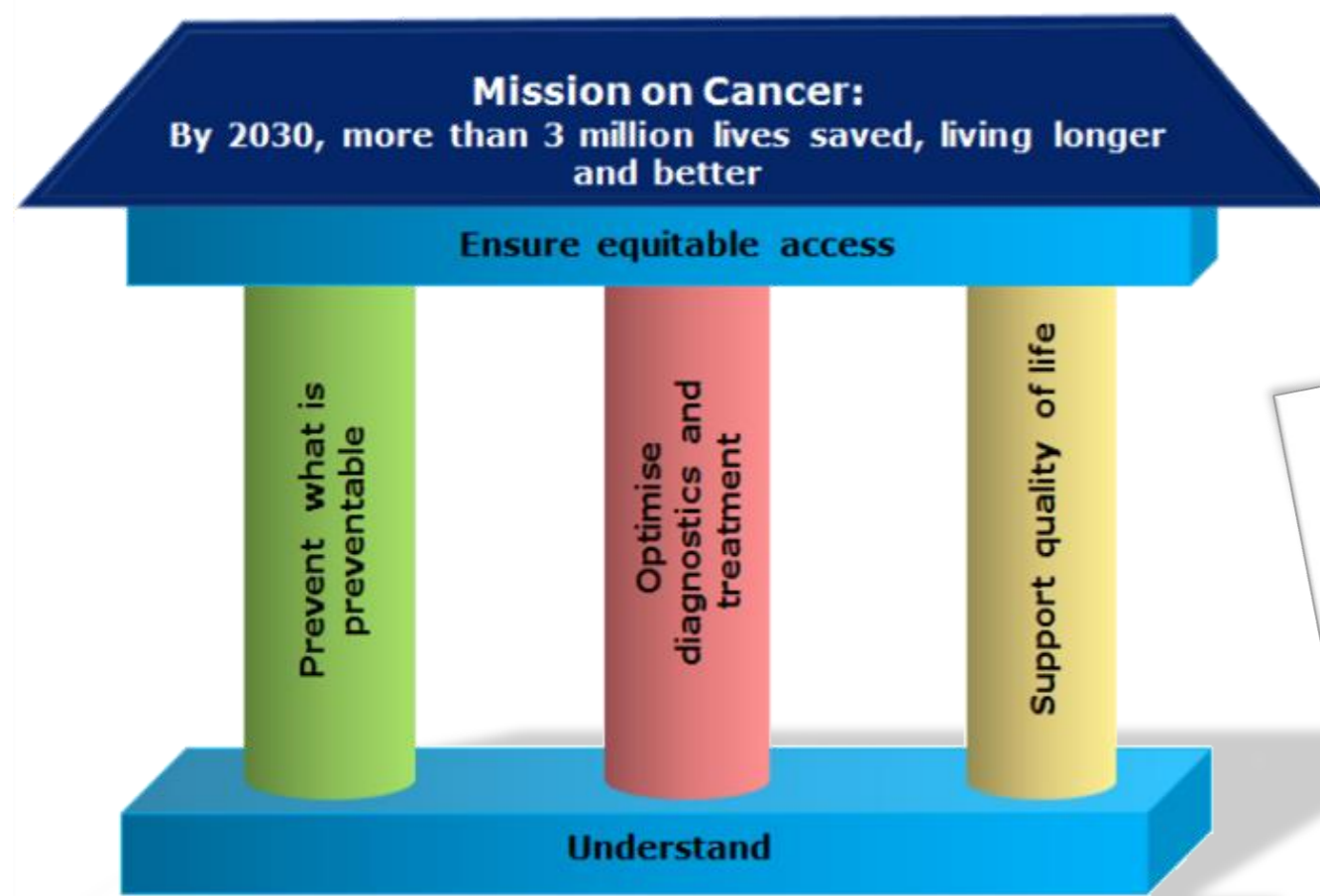
Pillar 2 – Cluster Health (~8,3 B€)

Partnerships
up to 50% of the Clusters

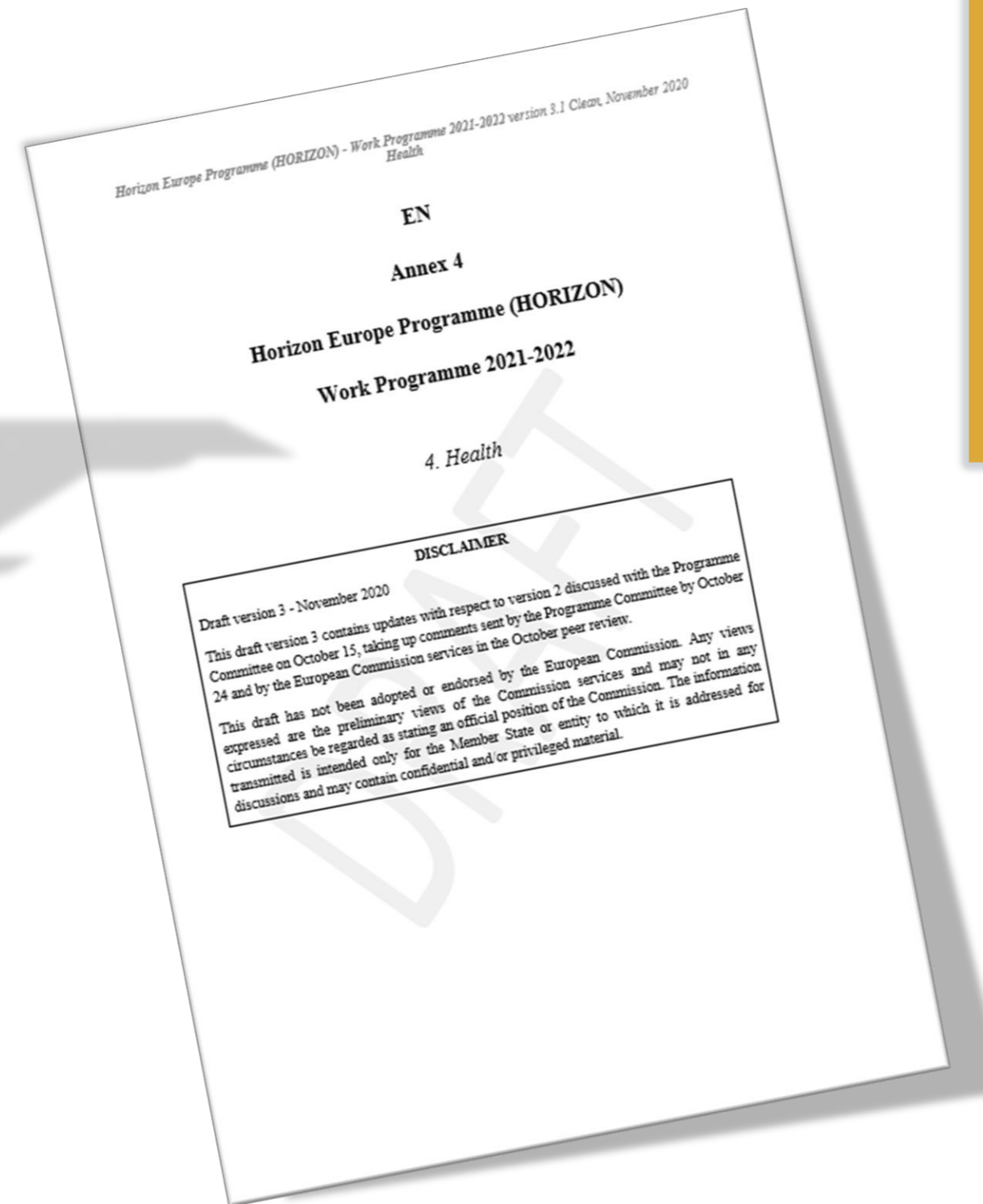


By hikingArtist.com

Health Cluster – Funding Instruments



Mission on Cancer

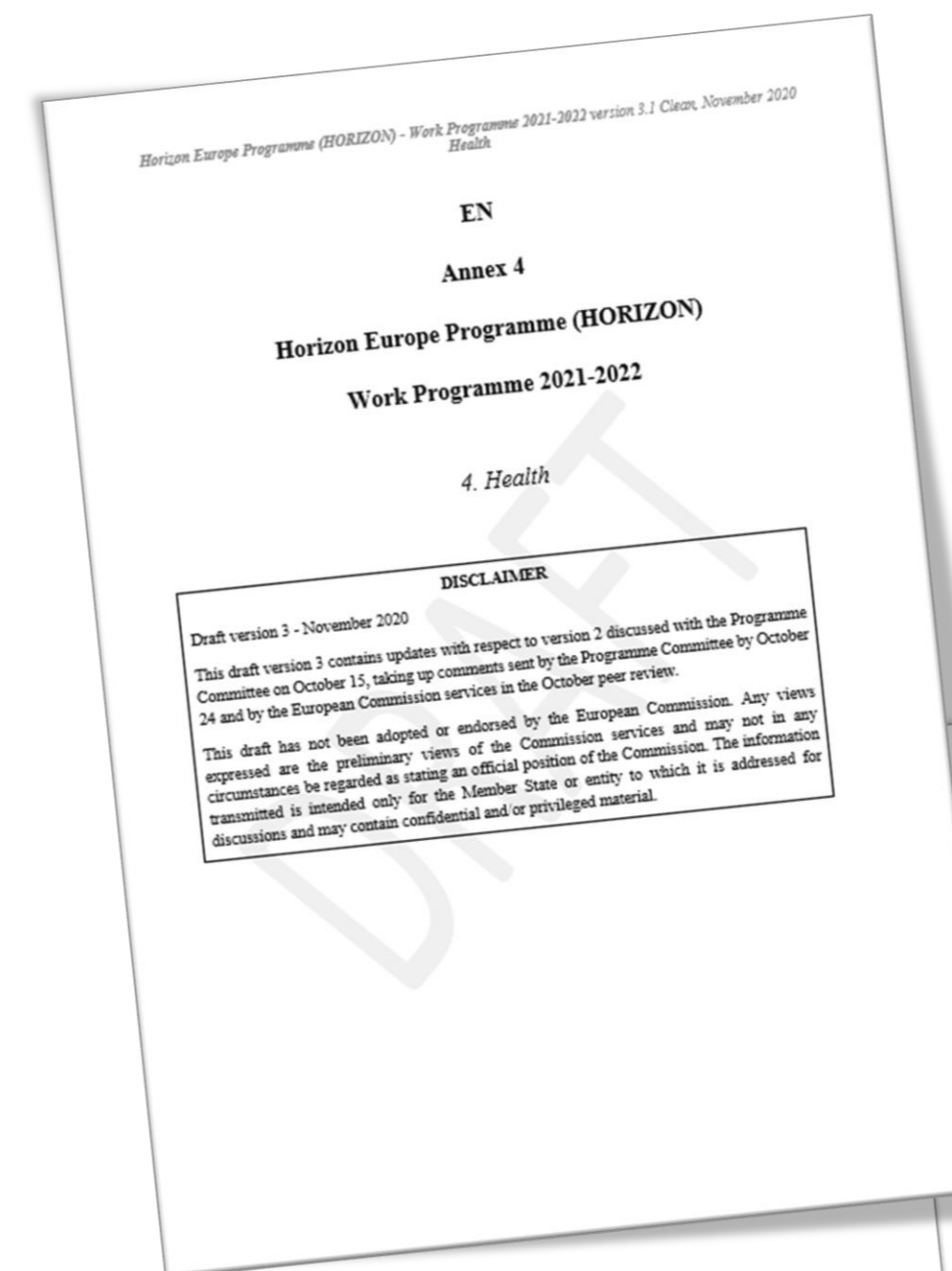
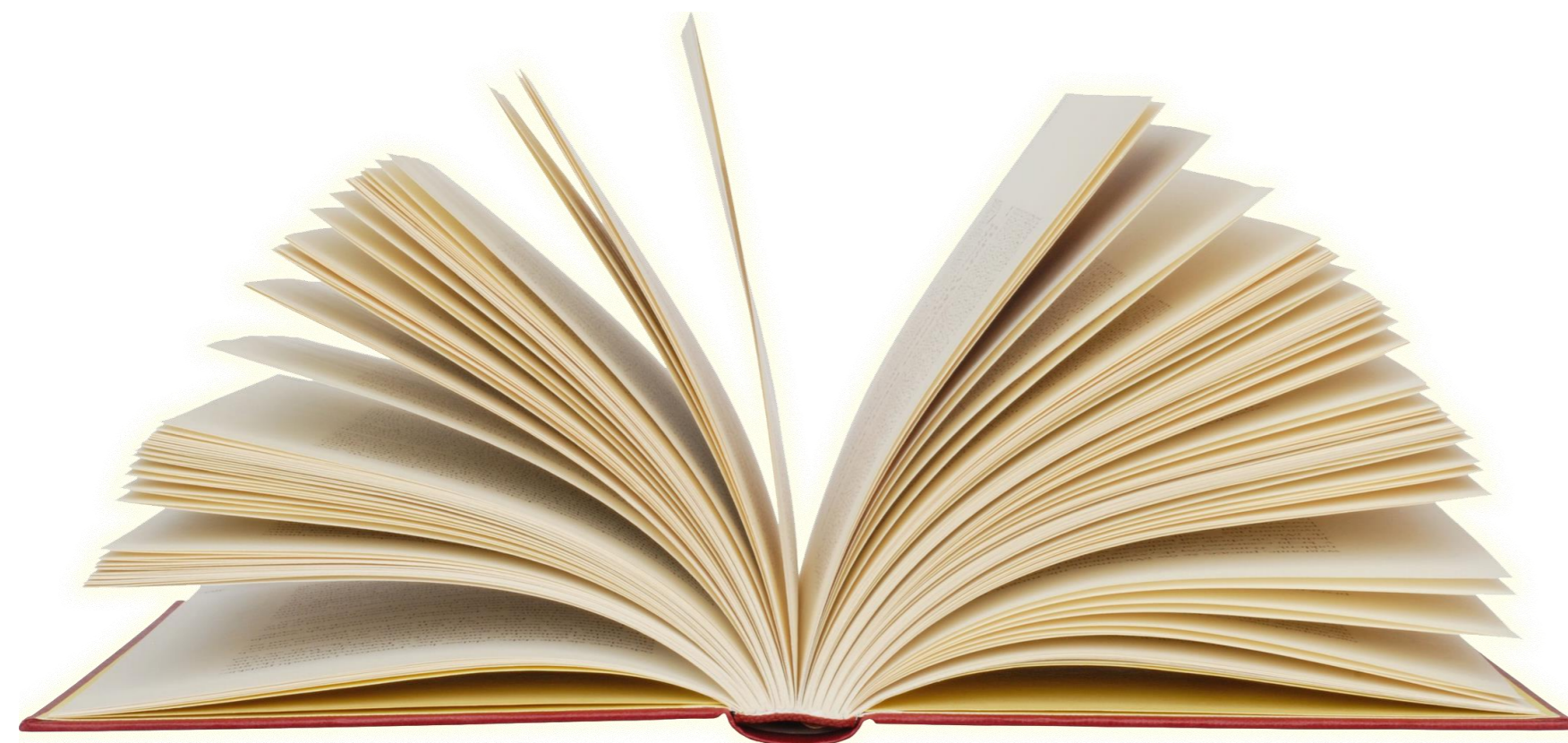


Work Programme

Institutional Partnerships	Co-funded Partnerships			Co-Programmed Partnerships
 IHI European Partnership for Innovative Health (2021)	 ERIA4Health European Research and Innovation Area for Health (2022)	 PARC European Partnership for Chemicals Risk Assessment (2021/22)	 THCS European Partnership on Health and Care Systems Transformation (2022/23)	 Pandemic Preparedness European Pandemic Preparedness Partnership
 GHP Global Health Partnership (2021)	 PM European Partnership for Personalised Medicine (2023)	 RD European Partnership on Rare Diseases (2023)	 AMR European Partnership for One Health/AMR Antimicrobial Resistance (2023-24)	

Health partnerships

Work Programme for Cluster Health



Biennial
workprogramme

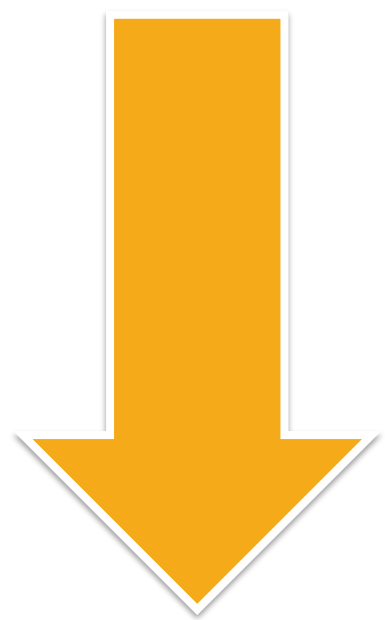


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The document for your success ! !

Work Programme for Cluster Health

Work Programme

Destination

- Expected Impacts

- Topic

- Year

- Types of Action

- Expected outcomes

- Scope

Destination, describes socio-economic challenges to be addressed and the related expected impacts that R&I activities will contribute to.

Expected Outcomes, are the desired effects of the project in the medium term such as the uptake, diffusion, use and/or deployment of the project's results by direct target groups.

Scope, describes the area of research/innovation that needs to be tackled if the expected outcomes are to be successfully addressed, without prescribing the method to achieve them.

Main types of actions in Horizon Europe

Research & Innovation Action (RIA)

Funding rate: 100%

Action primarily consisting of activities aiming to establish new knowledge and/or to explore the feasibility of a new or improved technology, product, process, service or solution.

Innovation Action (IA)

Funding rate: 70% (except for non-profit entities where 100% applies)

Action primarily consisting of activities directly aiming at producing plans and arrangements or designs for new, altered or improved products, processes or services.

Coordination and Support Action (CSA)

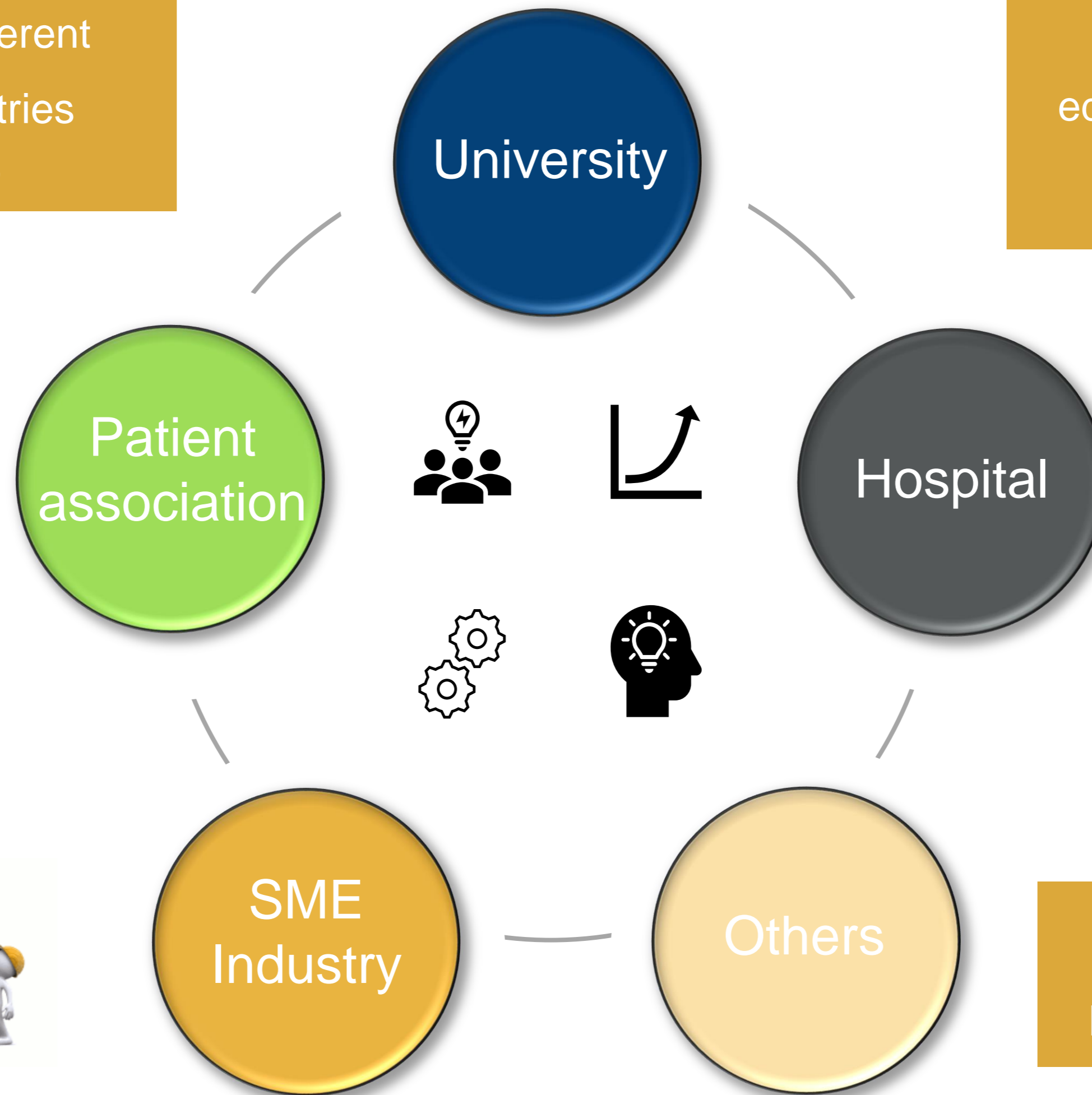
Funding rate: 100%

Activities contributing to the objectives of the Horizon Europe Programme, excluding research and innovation activities

Participation in Consortium – general rules

Minimum of 3 organizations from different Member States or Associated Countries
(at least one established in a Member State)

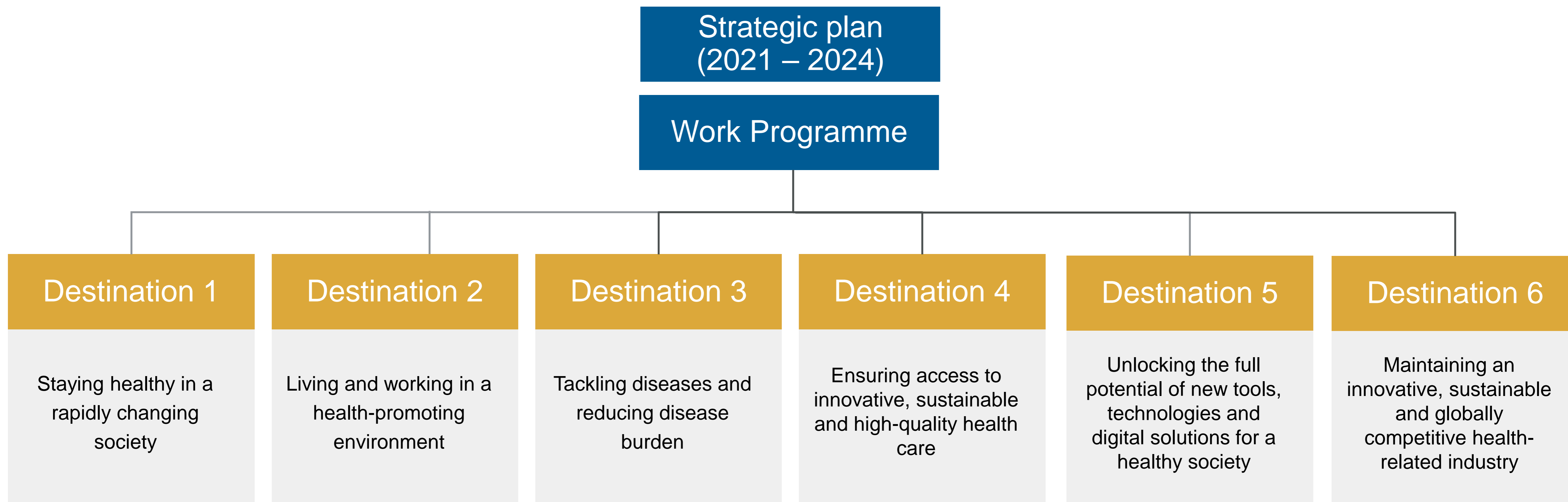
Public bodies, research org. and higher education (public or private) need to have a Gender Equality Plan



45 pages limit application
Excellence / Impact / Implementation



Cluster Health Destinations



Staying healthy in a rapidly changing society

Research under this Destination will enable citizens to live longer and in better health as well as reduce health inequalities, thanks to improved health promotion and disease prevention actions, targeting several of the most striking aspects of changing societies.

Impacts

Citizens adopt healthier lifestyles and behaviours, make healthier choices

Citizens are empowered to manage better their physical and mental health
Interact with doctors and health care providers.

Knowledge-based health interventions

Improved health literacy

Increased engagement in effective strategies for health promotion, diseases prevention and treatment

Health policies and actions for health promotion and disease prevention are knowledge-based and designed to reduce health inequalities.

Living & working in a health-promoting environment

Research under this Destination will permit to understand the impacts on our health and well-being of those environmental, occupational and socio-economic risk factors, such as indoor and outdoor air pollution, chemicals, non-ionizing radiation (electromagnetic fields), urbanisation, climate and other environmental changes, socio-economic inequalities, and changing working environments.

Impacts

Scientific evidence uptake of research results into environmental, occupational, social, economic, fiscal and health policies at EU, national and regional level

Policy-makers and regulators are aware about environmental, socio-economic and occupational risk factors

Determinants of disease related to choices in energy generation, agricultural practices, industrial production, land use planning, built environment and construction

The health threats and burden resulting from hazardous chemicals and air, water and soil pollution and contamination is reduced

Living and working environments in European cities and regions are healthier, more inclusive, safer, resilient and sustainable;

Premature deaths, diseases and inequalities related to environmental pollution and degradation are prevented

Citizens understand better health issues and support related policies and regulations.

Tackling diseases & reducing disease burden

The topics under this destination will enable health care providers to better tackle and manage diseases (infectious diseases, including poverty-related and neglected diseases, non-communicable and rare diseases) and reduce the disease burden on patients effectively thanks to better understanding and treatment of diseases, more effective and innovative health technologies, better ability and preparedness to manage epidemic outbreaks and improved patient safety.

Impacts

Innovative diagnostic and therapeutic approaches,
Personalised medicine approaches,
Digital solutions, Early diagnostics,
Effective and affordable treatment,
including for patients with rare diseases

Decrease premature mortality from non-communicable diseases
Mental health and well-being promotion with an immediate impact on the related disease burden (DALYs)

Strengthen research and innovation expertise, human capacities and know-how for combatting communicable and non-communicable diseases (including through international cooperation).

Patients and citizens are knowledgeable of disease threats, involved and empowered to make decisions for their health
Better adherence to knowledge-based disease management strategies and policies

Reduction of health threats of epidemics and AMR pathogens. In particular, the epidemics of AIDS, tuberculosis, malaria, neglected tropical diseases, hepatitis, water-borne diseases and other communicable diseases.

EU leadership and standing in international fora on global health and global health security, especially in partnership with Africa.

Ensuring access to innovative, sustainable and high-quality health care

Research under this Destination research and innovation aims at supporting health care systems in their transformation to ensure fair access to sustainable health care services of high quality for all citizens.

Impacts

Health and social care services and systems, by shifting from hospital-centred to community-based, people-centred and integrated health care structures and successfully embedding technological innovations that meet public health needs.

Health care providers are trained and equipped with the skills and competences suited for the future needs of health care systems that are modernised, digitally transformed and equipped

Citizens are supported to play a key role in managing their own health and care, informal carers are fully supported and specific needs of more vulnerable groups and addressed.

Health policy and systems adopt a holistic approach for the evaluation of health outcomes and value of public health interventions, the organisation of health and care, and decision-making.

Unlocking the full potential of new tools, technologies and digital solutions for a healthy society

Research under this Destination should set out a credible pathway towards unlocking the full potential of new tools, technologies and digital solutions for a healthy society.

Impacts

Europe's scientific and technological expertise and know-how.

Citizens benefit from targeted and faster research resulting in safer, more efficient, cost-effective and affordable tools, technologies and digital solutions

The EU gains high visibility and establishes leadership in terms of technology development, including through international cooperation.

The burden of diseases in the EU and worldwide is reduced

Researchers, innovators and health care providers use health data and innovative analytical tools

Citizens trust and support the opportunities offered by innovative technologies for health and care,

Maintaining an innovative, sustainable and globally competitive health industry

Research under this Destination research and innovation activities that aim at novel methodologies and metrics adapted to new tools, technologies, digital solutions and interventions, regulatory authorities supported with better methodologies and interdisciplinary approaches to assess new health technologies and interventions, Safe and clinically validated tools, technologies and services developed and delivered by European health industry , Greener pharmaceuticals and health technologies

Impacts

Health industry in the EU is more competitive and sustainable

European leadership

Job creation

Economic growth

Health industry is working more efficiently along the value chain, including through early engagement with patients, health care providers, health authorities and regulators.

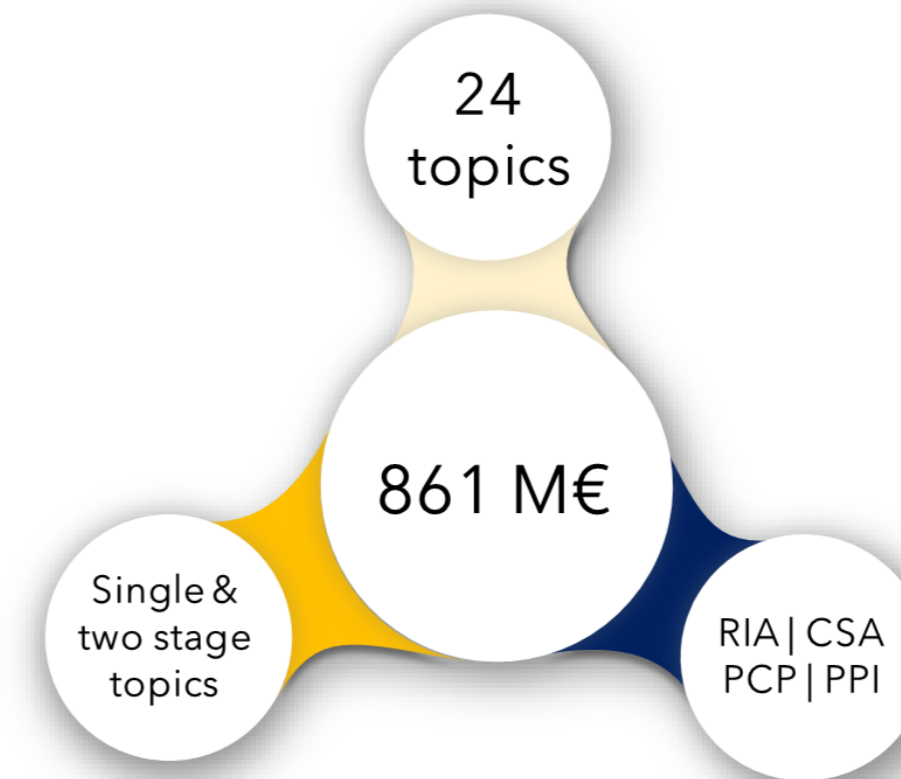
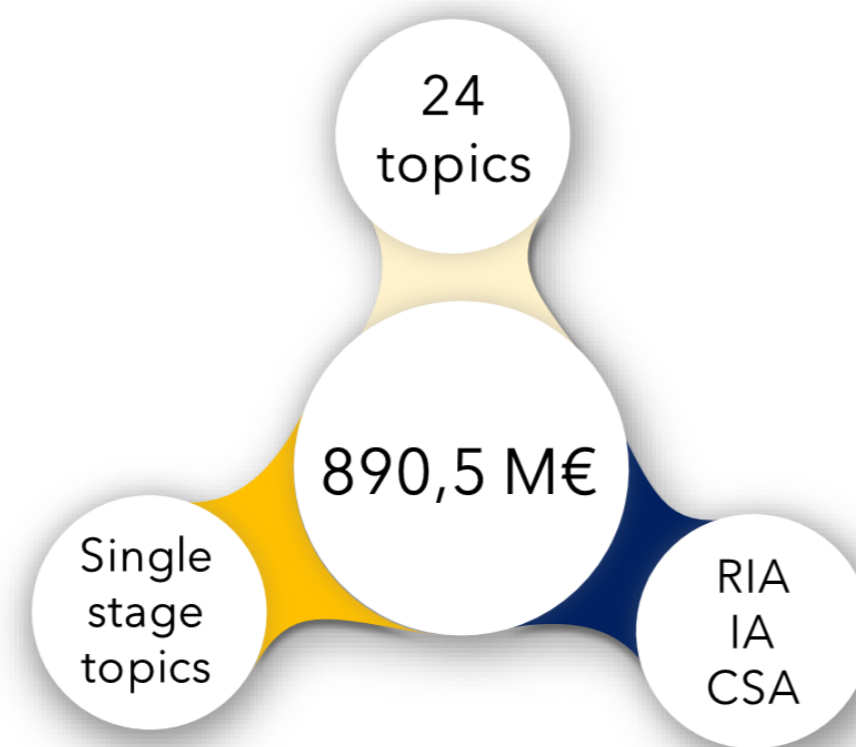
European standards, including for operations involving health data, ensure patient safety and quality of healthcare services, effectiveness and interoperability

Citizens, health care providers and health systems benefit from a swift uptake of innovative health technologies and services

Health industry in the EU benefit from decreased time-to-market.

Health security in the EU benefits from reliable access to key manufacturing capacity.

Calls timeline & deadlines



Single stage topics



Two-stage topics



May 2021
Opening 2021 topics



Oct 2021
Opening 2022 topics

(Tentative dates)



Your project here



How to know more?

European Commission

Webinar: How to prepare a successful proposal in Horizon Europe (24 March 2021)

PAGE CONTENTS

- General info & documents
- Morning session
- Afternoon session
- Next events

24 MARCH 2021

10.00 - 16.15 CET

Webinar: How to prepare a successful proposal in Horizon Europe

Documents:

Agenda

Presentation: [Submission and evaluation of proposals - Proposal template, basic principles, evaluation criteria \(Isabel VERGARA OGANDO, Bénédicte CHARBONNEL\)](#)

Presentation: [The rules of the game - the Model Grant Agreement \(Simona STAIU, Morten GYLLING-JORGENSEN, Julien DULOT, Sorin SERBAN\)](#)

[Standard application form \(RIA/IA\)](#)

[General Model Grant Agreement](#)

[Gender Equality in Academia and Research - GEAR tool](#)

<https://ec.europa.eu/research/participants/docs/h2020-funding-guide/other/event210324.htm>

European Commission

Webinar: A successful proposal for Horizon Europe: Scientific-technical excellence is key, but don't forget the other aspects (21 April 2021)

PAGE CONTENTS

- General info & documents
- YouTube recording
- Next events
- Previous webinar
- Help

21 APRIL 2021

10.00 - 12.30 CEST (BRUSSELS TIME)

Webinar: A successful proposal for Horizon Europe: Scientific-technical excellence is key, but don't forget the other aspects

Documents:

Agenda

Presentation: [New approach to impact following the Key Impact Pathways](#)

Presentation: [Dissemination, Exploitation and Communication](#)

Presentation: [Open Science](#)

Presentation: [Gender dimension](#)

Presentation: ["Do no significant harm" principle](#)

[Standard application form \(RIA/IA\)](#)

[General Model Grant Agreement](#)

[Gender Equality in Academia and Research - GEAR tool](#)

<https://ec.europa.eu/research/participants/docs/h2020-funding-guide/other/event210421.htm>

Next events in preparation

- Thematic info-days per cluster: June (Cluster 1 to 6, EURATOM, ERA & Widening)
- Webinar 'Funding & Tenders Portal for dummies': 27 May
- Specialised webinars on: open science, gender, D&E, "Do no significant harm" principle, ethics, cooperation with third countries...
- 2021 R&I Days: 23-24 June

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