EU Partnership on Transforming Health and Care Systems (THCS)

APRE Info Day 24 January 2023

Sabrina Montante

New approach to European Partnerships

New generation of objective-driven and more ambitious partnerships in support of agreed EU policy objectives

Key features

- **Simple architecture and toolbox**
- **Coherent life-cycle approach**
- **Strategic orientation**

Co-programmed

Based on Memoranda of Understanding / contractual arrangements; implemented independently by the partners and by Horizon Europe

Co-funded

Based on a joint programme agreed and implemented by partners; commitment of partners for financial and in-kind contributions

Institutionalised

Based on long-term dimension and need for high integration; partnerships based on Articles 185 / 187 of TFEU and the EIT-Regulation supported by Horizon Europe

Overview of 49 candidate European Partnerships

PILLAR II - Global challenges & European industrial competitiveness

CLUSTER 1: Health

- Innovative Health Initiative
- Global Health Partnership
- Transformation of health systems
- Chemicals risk assessment
- ERA for Health
- Rare diseases*
- One-Health Anti Microbial Resistance*
- Personalised Medicine*
- Pandemic Preparedness* *Co-funded or co-programmed*

CLUSTER 4: Digital, Industry & Space

- Key Digital Technologies
- Smart Networks & Services
- High Performance Computing
- European Metrology (Art. 185)
- AI-Data-Robotics
- Photonics
- Made in Europe
- Clean steel – low-carbon steelmaking
- Processes4Planet
- Global competitive space systems**

CLUSTER 5: Climate, Energy & Mobility

- Clean Hydrogen
- Clean Aviation
- Single European Sky ATM Research 3
- Europe's Rail
- Connected and Automated Mobility (CCAM)
- Batteries
- Zero-emission waterborne transport
- Zero-emission road transport
- Built4People
- Clean Energy Transition
- Driving Urban Transitions

CLUSTER 6: Food, Bioeconomy, Agriculture, ...

- Circular Bio-based Europe
- Rescuing Biodiversity to Safeguard Life on Earth
- Climate Neutral, Sustainable & Productive Blue Economy
- Water4All
- Animal Health & Welfare*
- Accelerating Farming Systems Transitions*
- Agriculture of Data*
- Safe & Sustainable Food System*

PILLAR III - Innovative Europe

EIT

- InnoEnergy
- Climate
- Digital
- Food
- Health
- Raw Materials
- Manufacturing
- Urban Mobility
- Cultural and Creative Industries

SUPPORT TO INNOVATION ECOSYSTEMS

- Innovative SMEs

CROSS-PILLARS II AND III

- European Open Science Cloud

Institutionalised Partnerships (Art 185/7)
Institutionaised partnerships / EIT KICs
Co-Programmed
Co-Funded

** Calls with opening dates in 2023-24*
*** Calls with opening dates not before 2022*

European Commission

Towards a EU Partnership supporting health systems transformation: Background

THCS Partnership is the result of previous work done in the field of health services and systems research. It brings together a broad range of research and innovation results and actors to work towards a common vision and translating them into coordinated **implementing actions, evidence-based policies and concrete hands-on outcomes**

The THCS Partnership journey

- Towards the end of the TO REACH project a Drafting Group made of experts from Member States (MS) and Associated Countries (AC) was created in 2019 upon request of the EC, to support the development of a Partnership on Transforming Health and Care Systems (THCS)

- The proposal for the THCS Partnership was submitted on 21/04/2022 and the ESR shared in august 2022

- THCS is implemented from 1st January 2023

- The Partnership has a total of 64 Partners and is coordinated by the Italian Ministry of Health with the support at Italian level of Università Cattolica del Sacro Cuore, ISS and ProMIS (Coordination of Italian regions)

- THCS last 7 years but, as all Partnerships, is run through Annual Work Plans

Geographical coverage of the Partnership

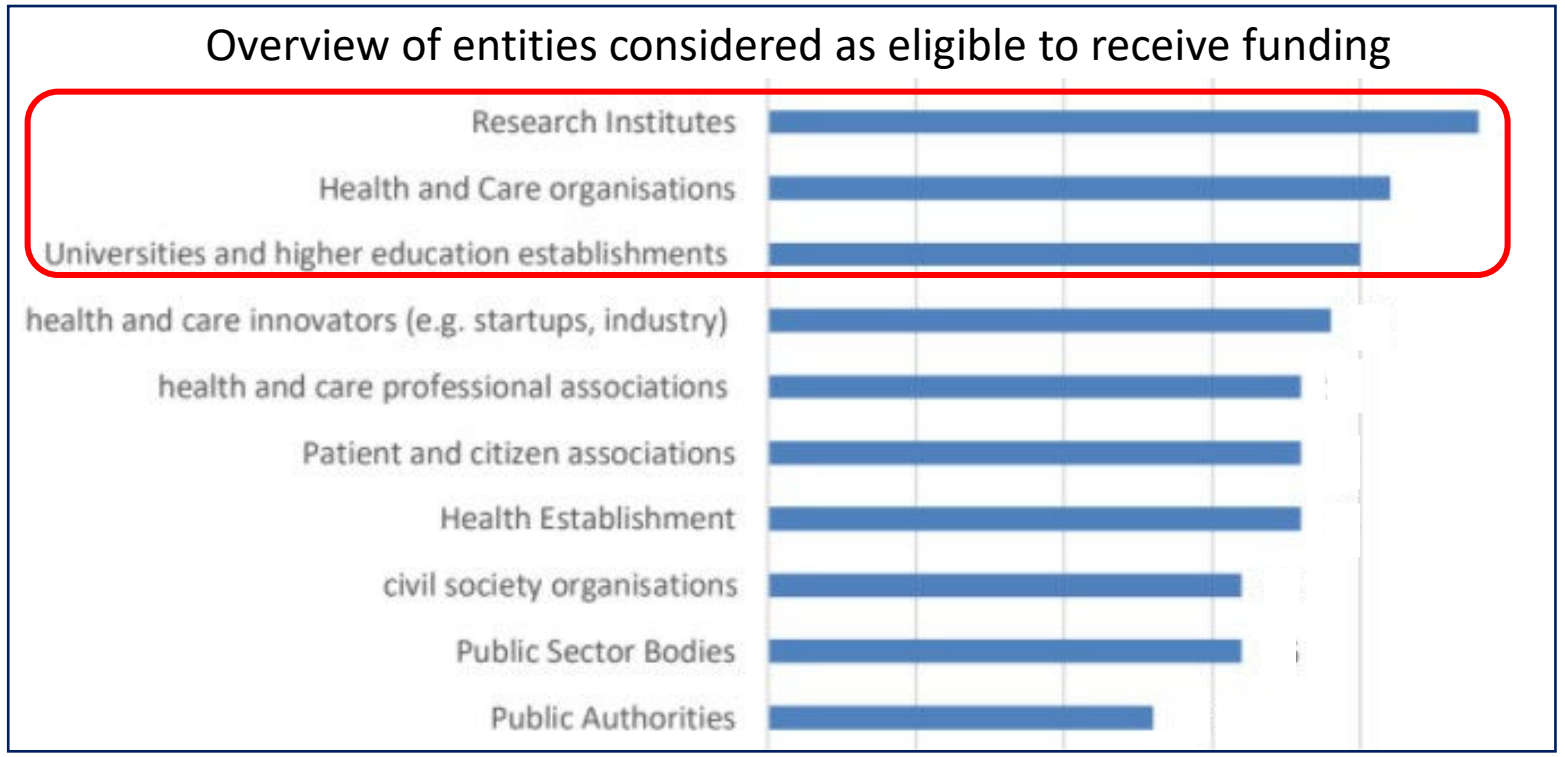
THCS consortium includes:

- 23 Member States and HE Associated Countries, including 7 regions.
- 3 non associated country (including one region): Switzerland, UK with also Scotland and the United States

Financial committment to the THCS Partnership

Contribution in-cash (funding of JTCs): 263.625.000 €
Contribution in kind: 41.623.586 €
Total budget: 305.248.586,63 €
Total EC Contribution: 91.574.575,99 € (30% of the total)

The large majority of the organisations involved in the Partnership fund research and innovation on health and care systems.



Vision and objectives

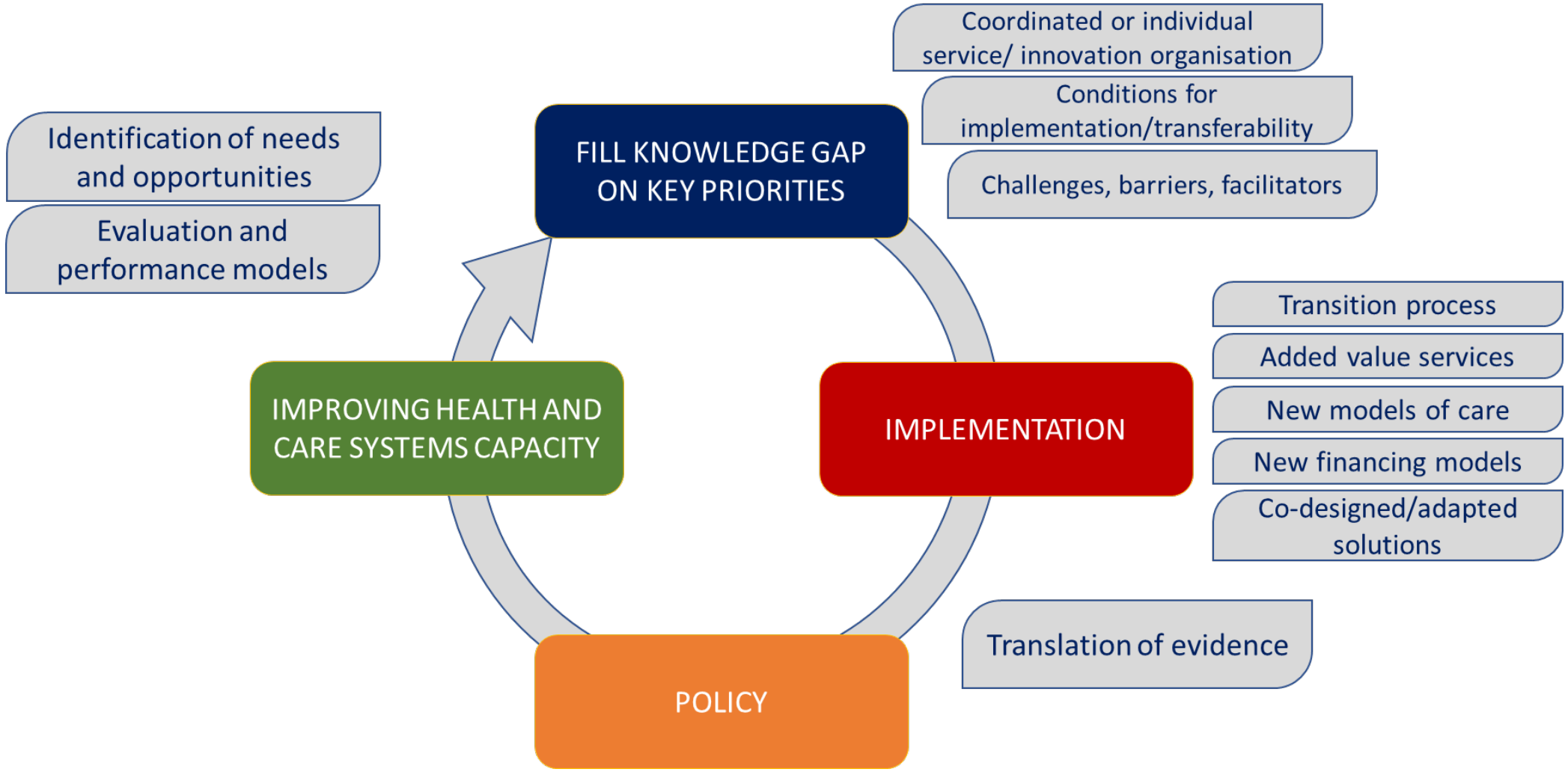
High-quality, fairly accessible, sustainable, efficient, resilient and inclusive health and care systems for all.

2023-2030

- **Increase funding opportunities and strengthen the research and innovation community**
- **Fill knowledge gaps**
- **Increase the ability to implement innovation**
- **Intensify cooperation among countries and beyond healthcare**
- **Increase stakeholders' involvement**

THCS works embracing the whole knowledge and innovation cycle from fundamental research to implementation and transfer of innovation

from WHAT *to* HOW



Research and Innovation Pipeline

The THCS Approach

Three main workstreams:

- Fill the knowledge gaps
- Implementation and Tranfer
- Boosting Health and care systems

Problem and Priorities definition

Define the problem:
- Person/population groups.
- Stakeholders' point of view and needs.
- Sectors involved.
- Outcome for dimensions.
- Key Research Questions.

Define the missing knowledge:
- On what the **mutual** learning will be useful.
- Learning **what**, learning **why**, learning **how**.

Learn from practices

- **Set criteria and methodology to identify good/interesting practices:** existing frameworks for mutual learning and actions supporting implementation and scale-up among countries and regions.
- **Recommendations** on how to follow up these practices.

Learning what, why and how

Learning Why
- Assess the needs.
- Evaluate the outcomes.

Learning What
- Identify or co-design/adapt new solutions to respond to problems

Learning How
- Fill knowledge gaps in the implementation process – implementation research.

People-centred health and care systems

Test and validate solutions
Large-scale piloting
- Support systems to introduce the innovative solutions and validate at larger scale.
- Implement, monitor and evaluate.

Implementation and Transfer

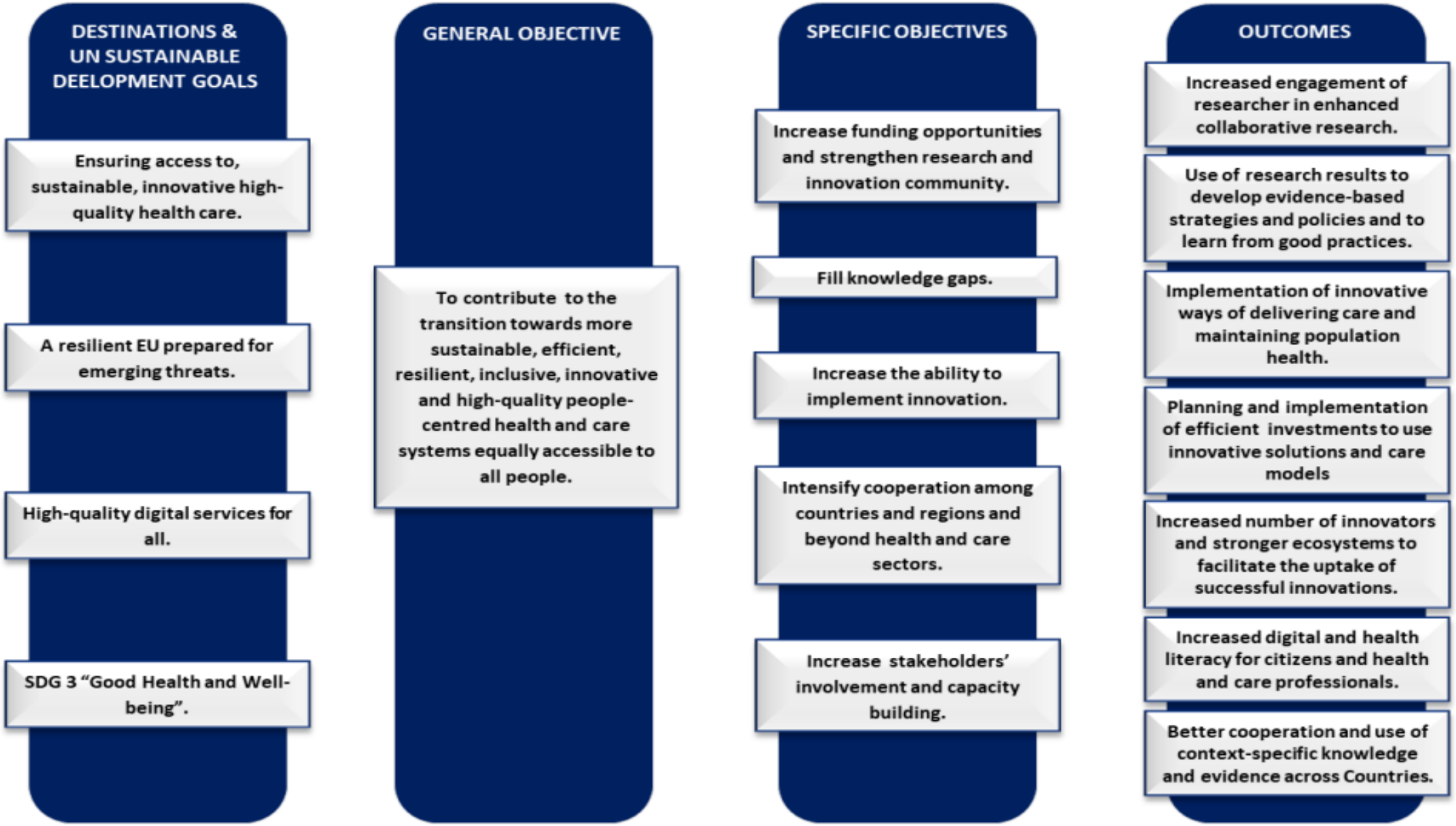
Capacity Building
- Assess training needs.
- Improve curricula.
- Implement training path.

Strengthen ecosystems by means of continuous exchange and collaboration
- Gather actors/critical mass
- Encourage collaboration.

Policy Uptake
- Recommendation for transfer innovation into policy.

Boost health systems

Intervention Logic



Pillars and Work Packages

PILLAR 1
Science & Innovation into Policy and Practice

- WP4 – Methodological and Assessment Framework
- WP5 – Bridging evidence to policy

PILLAR 2
Research and Innovation funding

- WP6 – Calls texts definition of research and innovation topics
- WP7 – Joint Transnational Calls Secretariat
- WP8 – Project Monitoring and Assessment of Projects' results and impacts

PILLAR 3
Support transferability & strengthening ecosystems

- WP9 -Strengthening ecosystems
- WP10 –Knowledge hub to support the transferability of good practices

PILLAR 0
Programme management

- WP1 – Governance and Annual Work Plan
- WP2 – Coordination and Management
- WP3 – Strategic relationship and Impact maximisation

The THCS Approach

Connection with pillars

Problem and Priorities definition

- Define the problem
- Define the missing knowledge

PILLAR – Programme Management

- Governance
- Annual Work Programme

PILLAR - Science & Innovation into Policy and Practice

- Define needs and key research questions

Learn from practices

- Set criteria and methodology to identify good/interesting practices;
- Recommendations on practices follow up.

PILLAR - Science & Innovation into Policy and Practice

- Set methodology for best practices identification

PILLAR - Support transferability & strengthening ecosystems

- Define needs and key research questions

Fill the gap : learning what, why and how

- Learning Why
- Learning What
- Learning How

PILLAR – Research and innovation funding

- Funding for research

Implementation and Transfer

- Test and validate solutions
- Large-scale piloting

PILLAR – Research and innovation funding

- Funding for innovation

Boost health system

- Capacity Building
- Strengthen Ecosystems by means of continuous exchange and collaboration
- Policy Uptake

PILLAR - Science & Innovation into Policy and Practice

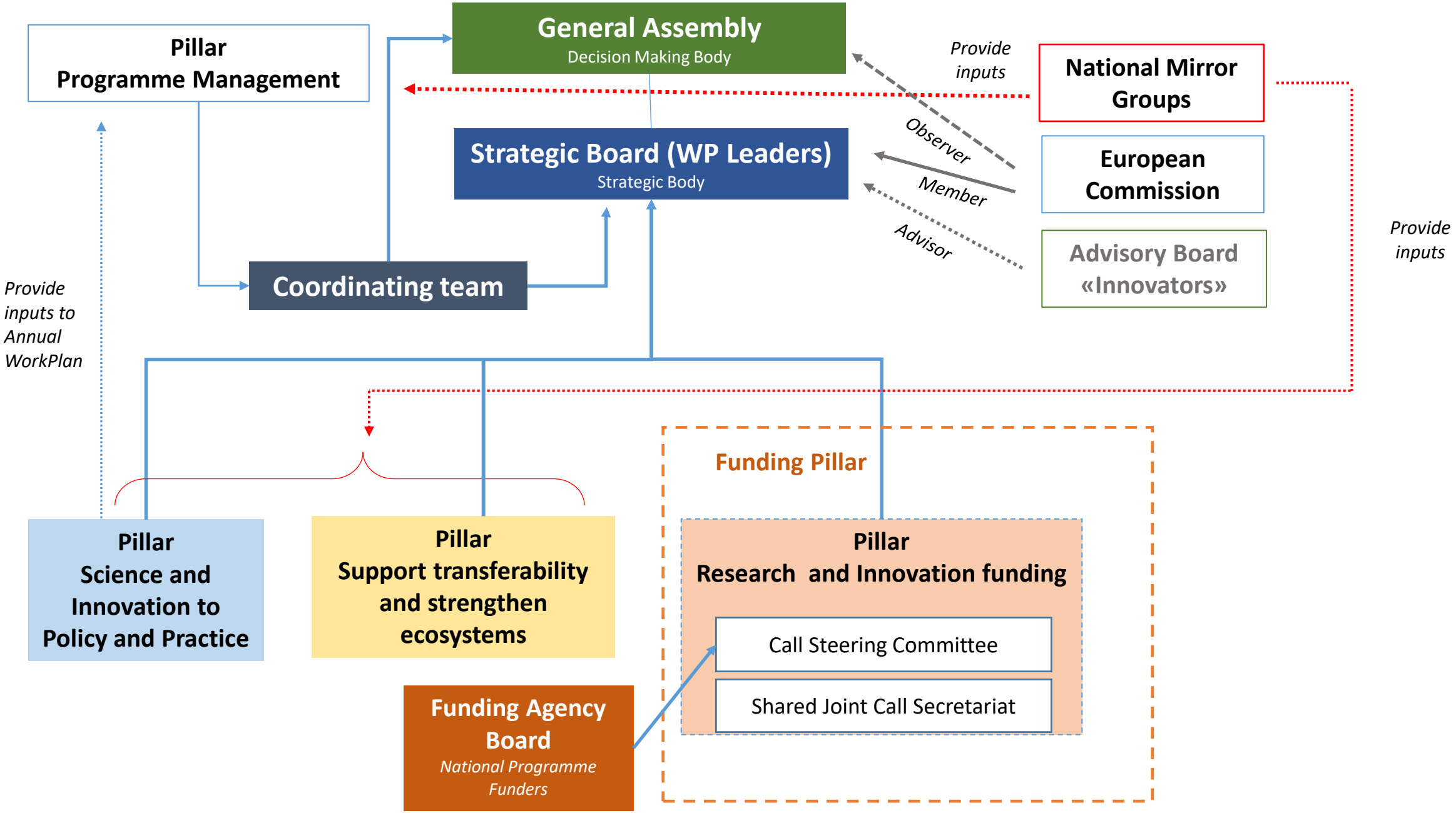
- Policy uptake

PILLAR - Support transferability & strengthening ecosystems

- Ecosystems in health and care capacity building

PILLAR - Programme Management

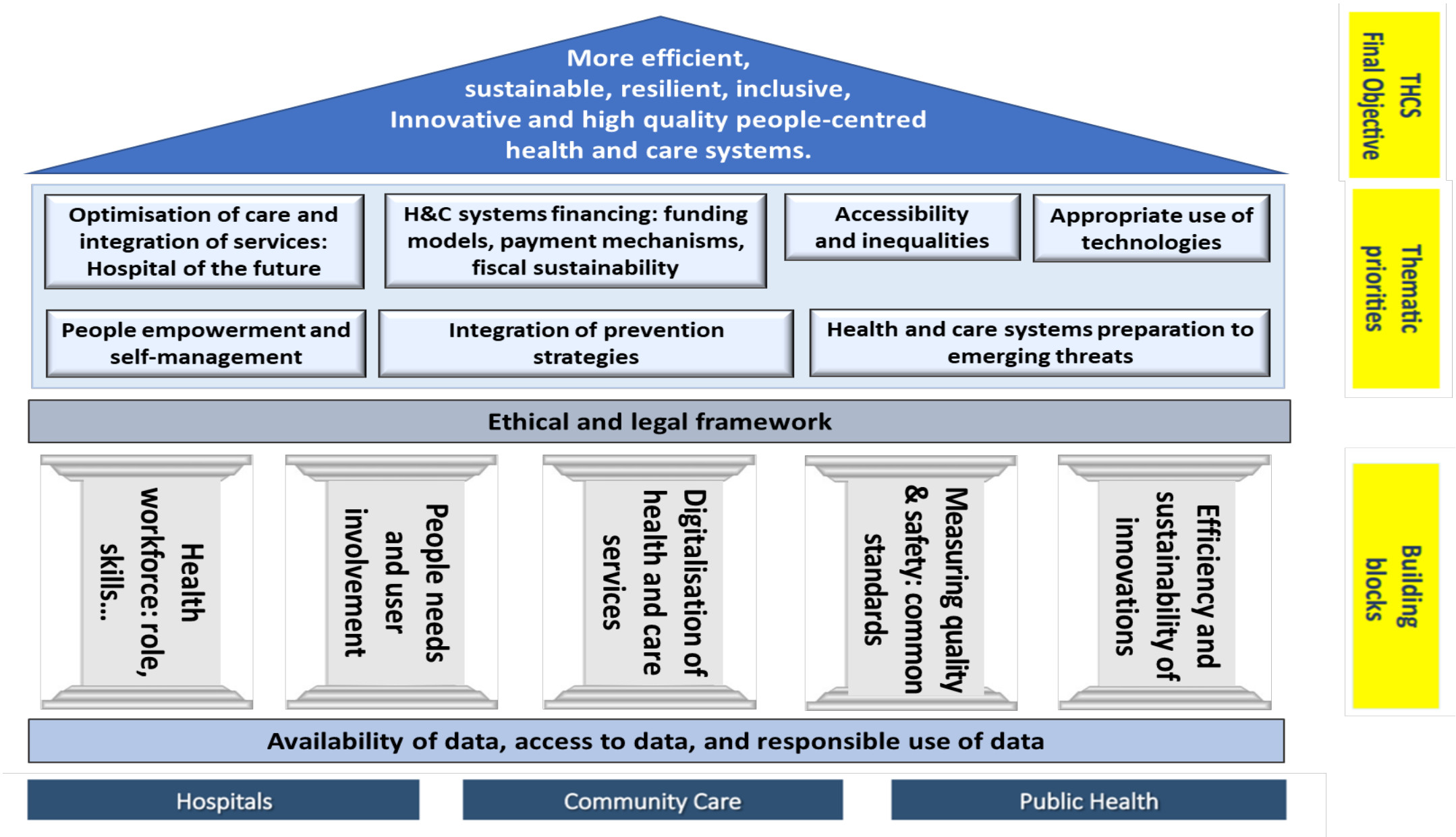
- Encourage synergies and stimulate uptake


Pillar
Programme Management
General Assembly
Decision Making Body
Provide
inputs
National Mirror
Groups
Strategic Board (WP Leaders)
Strategic Body
Observer
Member
Advisor
European
Commission
Advisory Board
«Innovators»
Provide
inputs
Coordinating team
Provide
inputs to
Annual
WorkPlan
Funding Pillar
Pillar
Science and
Innovation to
Policy and Practice
Pillar
Support transferability
and strengthen
ecosystems
Pillar
Research and Innovation funding
Call Steering Committee
Shared Joint Call Secretariat
Funding Agency
Board
National Programme
Funders

Synergies with other EU Initiatives

Areas for collaboration	Candidate Partnerships, Missions, EU Programmes	Synergy Areas
Design and Planning	• **EU4Health** • **DIGITAL**	• Disease prevention actions • Reliable use/re-use of health data • Digital transformation solutions • Knowledge transfer actions
Implementation	• **Cancer Mission** • **Personalized Medicine** • **Rare Diseases** • **One Health/AMR** • **Innovative Health Initiative Pandemic Preparedeness** • **EIT Health** • **ERIA4Health** • **European Care Strategy**	• Uptake & scale up technological innovations • Support & apply personalized medicine solutions trough EU • Align rare diseases reseach to context needs • Grant equity and improve quality of life to cancer patients • Improve AI-driven technologies towards VBHC
Funding	• **ERDF** • **ESF+**	• Implementing infrastructures, capacity building • Strenghtening education and training for HC professionals

Thematic priorities and building blocks



Impact on stakeholders

INDIVIDUALS

- Innovation based on needs
- Patient safety and quality
- Health literacy
- Population-centred service
- Equity in access

NATIONAL POLICY MAKER

- Shared priorities
- Evidence-based strategies
- Efficient investement
- Common framework
- Avaiable data

LOCAL AUTHORITIES

- Increasing cooperation
- Innovative solutions and care model
- Shared context specific models
- Uptake of successful innovations

RESEARCH AND INNOVATION FUNDERS

- Orienting funding strategies
- Research and innovation needs
- Stimulating synergies throughout Europe
- Improve dialogue

PAYERS

- Availability of data and research results
- High quality health and care
- Measurement of quality in health and care
- Evidence-based health insurance system
- Effective and sustainable finance systems

Impact on stakeholders

HEALTH AUTHORITIES

- Improving governance mechanisms
- Monitoring health outcomes
- Exchanging best practices
- Accessing European Authorities network

HEALTH AND CARE PROFESSIONALS (HCPs)

- Involvement of professionals based on their needs
- Equipping professionals with the skills
- Innovative ways of delivering care
- Common framework

RESEARCH and INNOVATION ORGANISATIONS

- Facilitating research
- Exchanging information
- Accessing evidence
- Focus research on the main EU priorities

HEALTHCARE PROVIDERS

- Interoperable data
- Technological innovations
- Integrating health and care services
- Modernizing health and care systems
- Community- and person- and population-centered care

ENTERPRENEURS INNOVATORS

- Develop innovation that better matches people's needs
- Access to data and research outcomes
- Access to investments in an evidence-based way
- Organized ecosystems to uptake sucessful innovations

Next steps

- **A First Joint Transnational Call will be launched by the month of March 2023! Stay tuned!**
- A kick off meeting will be held in Rome on 13-14 of February at the premises of the Italian Ministry of Health
- A launch event will be organised in 2023 and THCS will be extensively disseminated
- For any information please contact: thcspartnership@gmail.com

Thanks for your attention