



Knowledge Exchange Platform

Horizon Europe – Healthy Ageing

Horizon Europe – Innovation

Ecosystems

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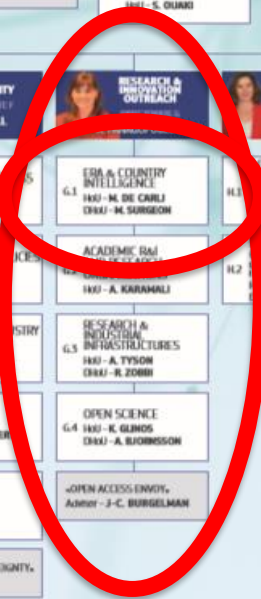
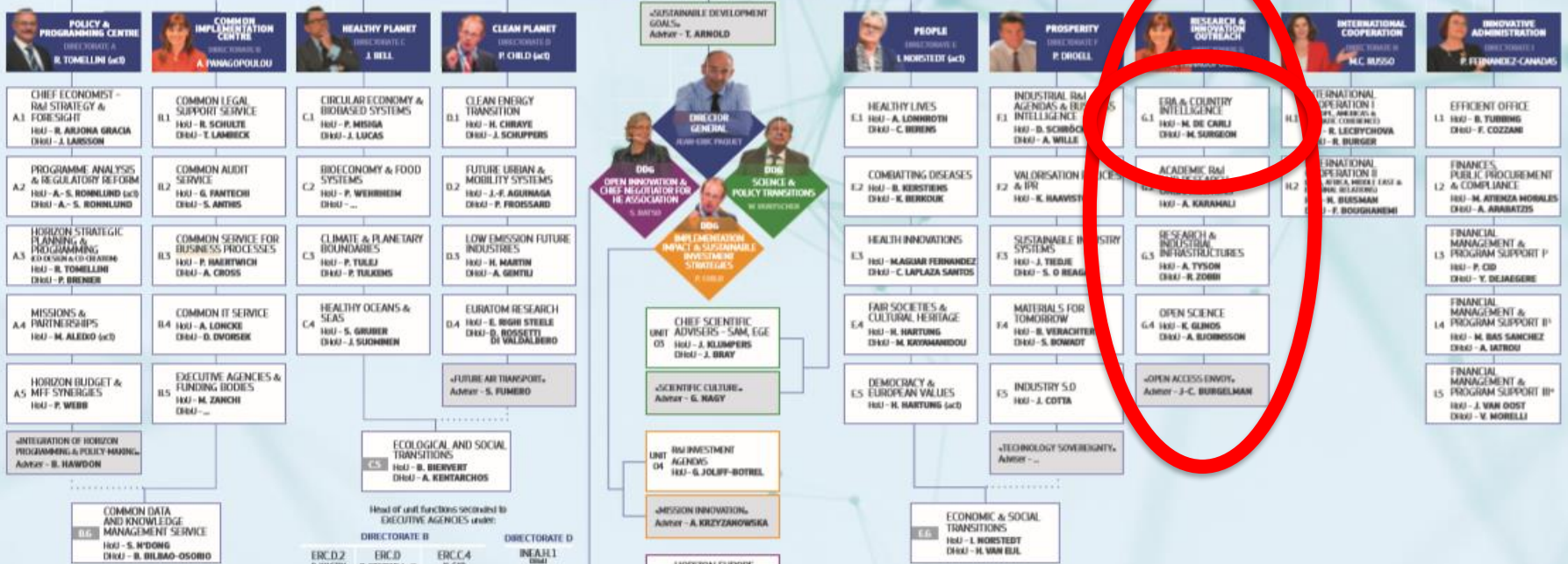


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**Horizon Europe – Innovation
Ecosystems**

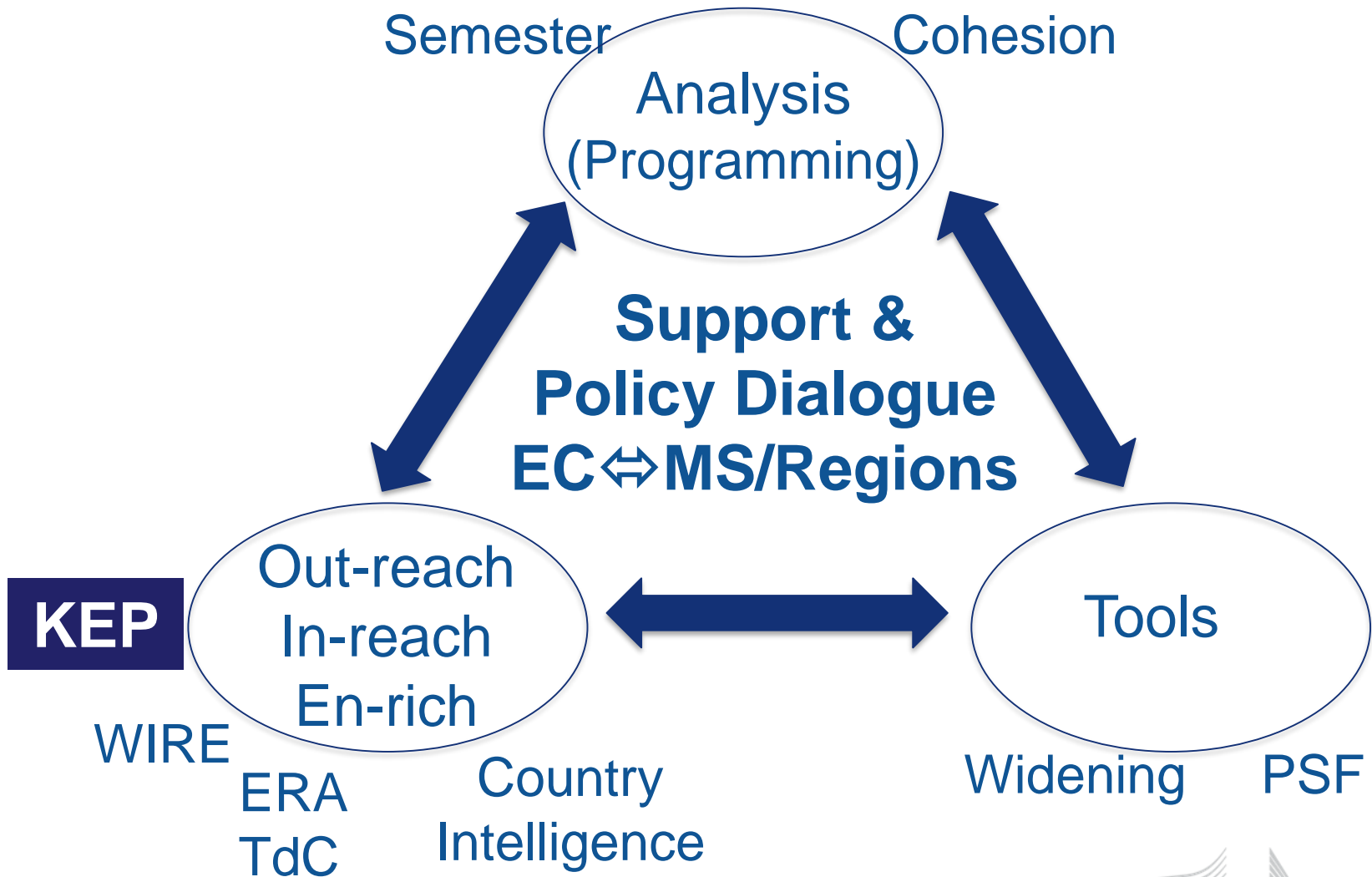
Directorate-General for RESEARCH and INNOVATION



¹ The EC TP will consist of three DG RTD units and one ad-hoc. It will have specific relationships with 2 units established in Executive Agencies (EA), respectively REA AS and EASME A2. All together the 5 units constitute the extended EC TP that is governed by a Steering Committee respectively chaired and co-chaired by the DGs of COMET and DG RTD.
² Unit IS is in charge of Directorates A, B, G, H, TP, EC, and Units O2, O5, O5 and experts management.
³ Unit IS is in charge of Directorates C, and D (without RFS).
⁴ Unit IS is in charge of Directorates C, E, and RFS activity.

Scope of Unit G1: All ERA Framework

ERA: European Research Area



Knowledge Exchange Platform (KEP)

➤ Fruitful collaboration since 2015



➤ Lessons learnt



➤ KEP 2.0



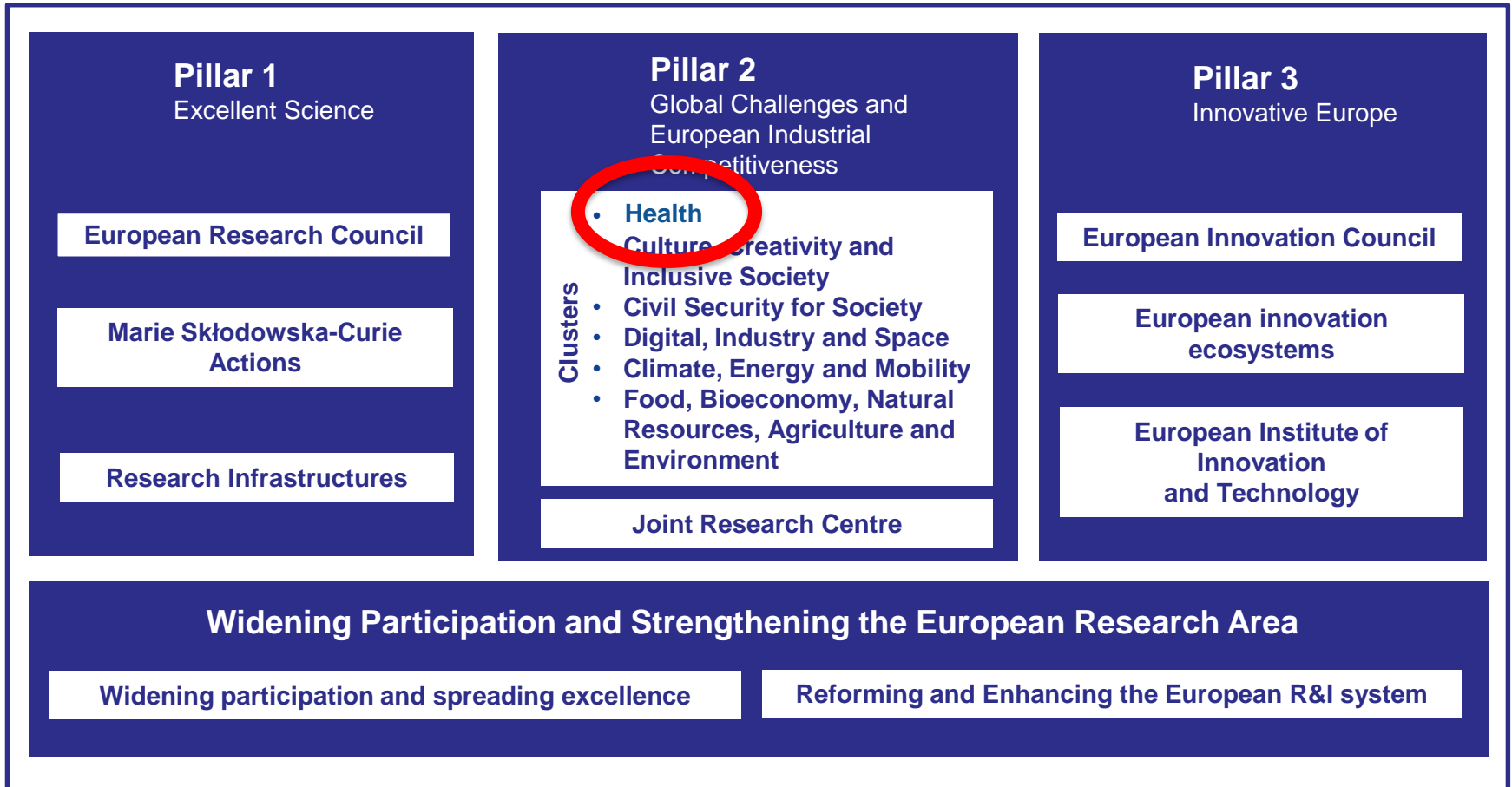


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Horizon Europe – Innovation Ecosystems

Horizon Europe: Preliminary structure



Six main 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

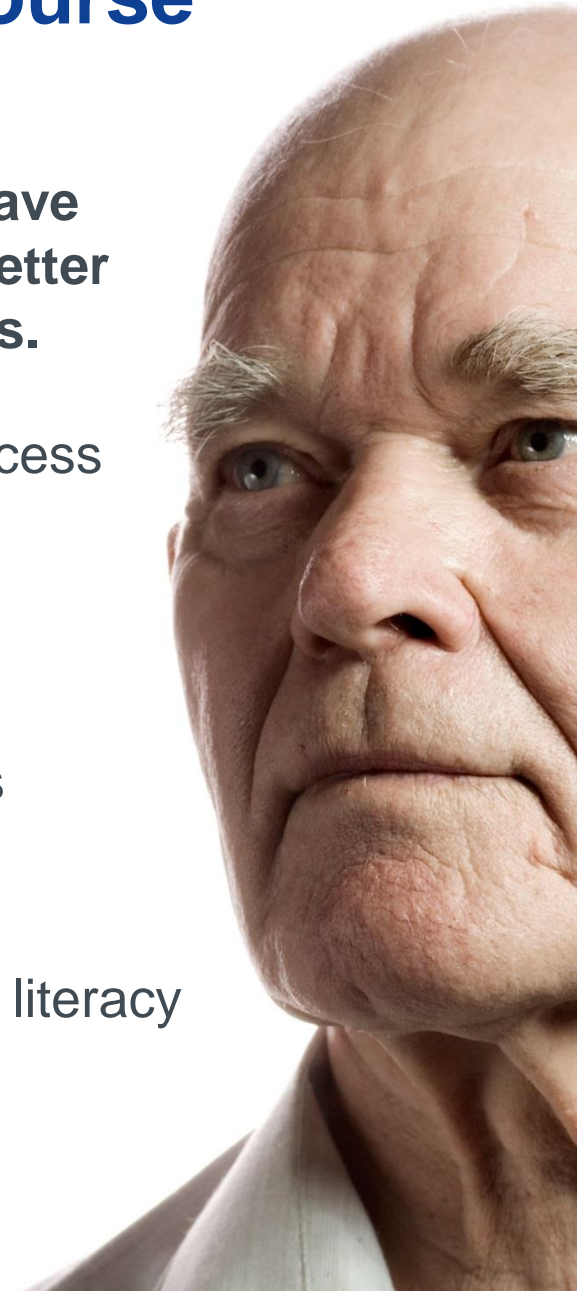


Health Care Systems

Health throughout the Life Course

People in vulnerable stages of life have specific health needs, that require better understanding and tailored solutions.

- Early development and ageing process
- Maternal and child health
- Health needs of adolescents
- People with disabilities and injuries
- Active life for the elderly
- Health education and digital health literacy





Knowledge Exchange Platform

Horizon Europe – Healthy Ageing

Horizon Europe – Innovation Ecosystems

Innovation Ecosystems

- **Horizon Europe proposal** (pillar III: Innovative Europe):
- "...to support innovation all across Europe, and in all dimensions and forms, including through complementary **EU and national and regional policies** (via effective **synergies with ERDF** and **smart specialisation strategies**) and **resources**, whenever possible.
- Hence, this pillar provides also for renewed and reinforced **coordination and cooperation mechanisms** with MS/AC, but also with private initiatives, in order to support **all actors** of the **European Innovation Ecosystems**, including at regional and local level.



Innovation Ecosystems – How?

EIC Forum

National innovation authorities/agencies to work on **common EU challenges & enabling framework conditions**

e.g.

- innovation-friendly **regulation** (+public procurement)
- **alignment** of R&I agendas (+EU open market & investment flows)
- **coordination** of R&I programmes and HE activities (+EIT)
- joint **communication** strategy

In synergy with Horizon Europe (EIC+EIT) & RIS3:

CO-FUNDING Joint innovation programmes

Demand-driven (+ private entities, e.g. foundations, EU Partnerships)

Complementary to national/regional schemes

- **Support directly innovative SMEs or startups;**
- **Support incubators or innovation hubs;**
- **Support public buyers of innovation;**
- **Provide technical assistance to innovators; etc**

Joint programmes for mentoring, coaching, technical assistance, delivered by:

- **networks** (NCPs, EEN, EIT/KICs), clusters ..
- **pan-European platforms** (Startup Europe)
- **regional or local innovation actors**, public & private, e.g. *incubators, innovation hubs....*

Thank you for your attention

Information on European Innovation Ecosystems:

<https://ec.europa.eu/research/eic/index.cfm>

Information on Healthy Ageing:

https://ec.europa.eu/info/research-and-innovation/research-area/health-research-and-innovation_en

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Back-up Slides

Regional Innovation Ecosystems

MS and regions: co-creators and owners of their sustainable futures

- **Success factors (among others...):**

1. **Identify priorities / challenges**
(societal, market)
2. **Policy support & commitment**
(regulatory environment, talents, ecosystem, funding)
3. **Regional innovation champion**
(company, HEI)
4. **Openness: All actors on-board & connected!**
(+ Universities, investors, society)

Global Startup ecosystem ranking (2019)

	Ranking
Silicon Valley	1
New York City	2
London	3-4
Beijing	
Boston	5
Tel Aviv	
Los Angeles	6-7
Shanghai	8
Paris	9
Berlin	10
Stockholm	11
Seattle	12
Toronto-Waterloo	13
Singapore	14
Amsterdam-StartupDelta	15

COFUND Joint Innovation Programmes

Examples - Possible actions

- **Networking** to identify cross-border or interregional **priorities and synergies**
- **Cooperation of SMEs in specific technological area(s)**, in line with RIS3 priorities or other EU, national, regional strategies or policies, while tackling socio-economic and environmental needs/challenges.
- **“Acceleration” services** i.e. for the scale up and regional uptake of strategic technologies that need specific knowhow/competences that are available in other regions
- Interconnection of **open innovation infrastructures** (*pilots, demos...*)
- **Academia – SMEs cooperation:** support to high-tech SME’s collaborative research, technology and knowledge transfer and digitalisation of low-tech SMEs
- Connection with **investors** outside their MS/regions
- Creation of **new markets** in other MS/regions, new partners and suppliers
- **Connection** of MS/regions **“leaders” with “less-developed”** innovation ecosystems
- **Internationalisation of SMEs** (mentoring programmes, study visits, start-ups and investors meetups, ..)
-

What regions can do to boost regional innovation ecosystems? (..among others)

Know well your regional innovation ecosystems & **upscale it**: create/strengthen your **start-up ecosystem!**

Use efficiently your resources (regulatory, talents, funding),
Synergies with other EU, public, private funds (e.g. ESIF)

Use all available EU / EIC initiatives /programmes/ strategies

Inter-connect: use networks & clusters
(existing/new)



COFUND Joint Innovation Programmes (1)

Why?

- **Innovation: key to boost EU productivity, jobs, growth, social welfare**
- **Global challenges: complex; not solved in isolation, need EU approach**
- **“Open Innovation” approach: Inclusive, collaborative process**
(infrastructure, knowledge, talent flow)
- **EU innovation ecosystems: **fragmented**, not connected**

What?

- **Cross-border and/or interregional programmes**
- **Actions with EU added value (e.g. **interlinking** innovation ecosystems)**
- **Complementary to national/regional schemes, demand-driven**

How?

- **Implemented by **entities managing and/or funding R&I programmes other than Union funding bodies**, or by third parties on their behalf.**
i.e. authorities in MS/AC/regions in charge of public, national, regional, local innovation programmes, to which private entities may be associated.
- **Funding rates: 30-70% of total eligible costs**
- **Mechanism of implementation under discussion**
(synergies with ERDF, state aid rules, ...)

