

Le esigenze di sviluppo della sanità ligure e le opportunità offerte dalla programmazione comunitaria

Innovation procurement in health and care Horizon 2020 SC1 'Health, demographic change and wellbeing'

Palazzo della Borsa, Via XX Settembre, 44 – Genova
Wednesday 18 April 2018

eHealth, Well-Being and Ageing Unit, DG Connect, European Commission
Jaakko Aarnio, Bruno Oliveira De Alves, Arnaud Senn, Monika Lanzenberger

Horizon Work Programme for Research & Innovation 2018-2020

Societal Challenge 1, Health, Demographic Change and Well-being

Overview of all Innovation Procurement themes in SC1

as presented in "Satellite event on Innovation Procurement in health care", 7 December 2017 in Brussels (DG RTD and CNECT)

<http://ec.europa.eu/research/index.cfm?pg=events&eventcode=60956678-FA2F-4FE0-77E88D89843C91BE>

- **Next generation sequencing (NGS) for routine diagnosis** (Jean-Luc Sanne, Innovative and Personalised Medicine Unit, DG RTD, EC)
- **Using pre-commercial procurement and public procurement of innovative solutions in health care systems: infectious disease diagnostics and integrated care** (Katarina Krepelkova & Patricia Paukovits, Fighting infectious diseases and advancing public health Unit, DG RTD, EC)
- **Digital health and care services** (Jaakko Aarnio, eHealth, well-being and ageing Unit, DG CNECT, EC) **[only 2018 PCP topic]**
- **Large scale implementation of digital innovation for health and care in an ageing society** (Jaakko Aarnio, eHealth, well-being and ageing Unit, DG CNECT, EC)
- **Large-scale pilots of personalised & outcome based integrated care** (Arnaud Senn, Research coordination Unit, DG CNECT, EC)



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SC1-HCC-04-2018 Digital health and care services – support for strategy and (early) adoption, CSA

eHealth, Well-being and Ageing UNIT
DG CONNECT

7 December 2017, Brussels
Jaakko Aarnio

Research and
Innovation



SC1-HCC-04-2018 Digital health and care services – support for strategy and (early) adoption

Challenge

- Health and care service providers and users increasingly facing complex decisions when exploring and investing in new health and care solutions.
- need to support cross-border cooperation
- balance innovation risks with improved outcomes and related unmet needs
- need for implementing high quality policies, strategies and practises in a concerted manner
- for more confidence in addressing key areas of interventions
- need to facilitate an appropriate dialogue with the supply side and academic stakeholders

SC1-HCC-04-2018 Digital health and care services – support for strategy and (early) adoption

Scope

- Create **favourable framework conditions** for cross-border Communities of Practice (CoP)
- **Assist the health & care research and innovation ecosystems in taking investment decisions** on future procurement of research and innovation and, eventually, on (large scale) deployment of eHealth systems and new care delivery models.
- **Improve the maturity of the new products** emerging from Europe's leading Health ICT SMEs
- **Support for management of risk and diverging expectations** in innovation chain
- **consumer health** interlinked with institutional health and care
- **findings in earlier co-ordination and support actions** for procurers as listed in WP

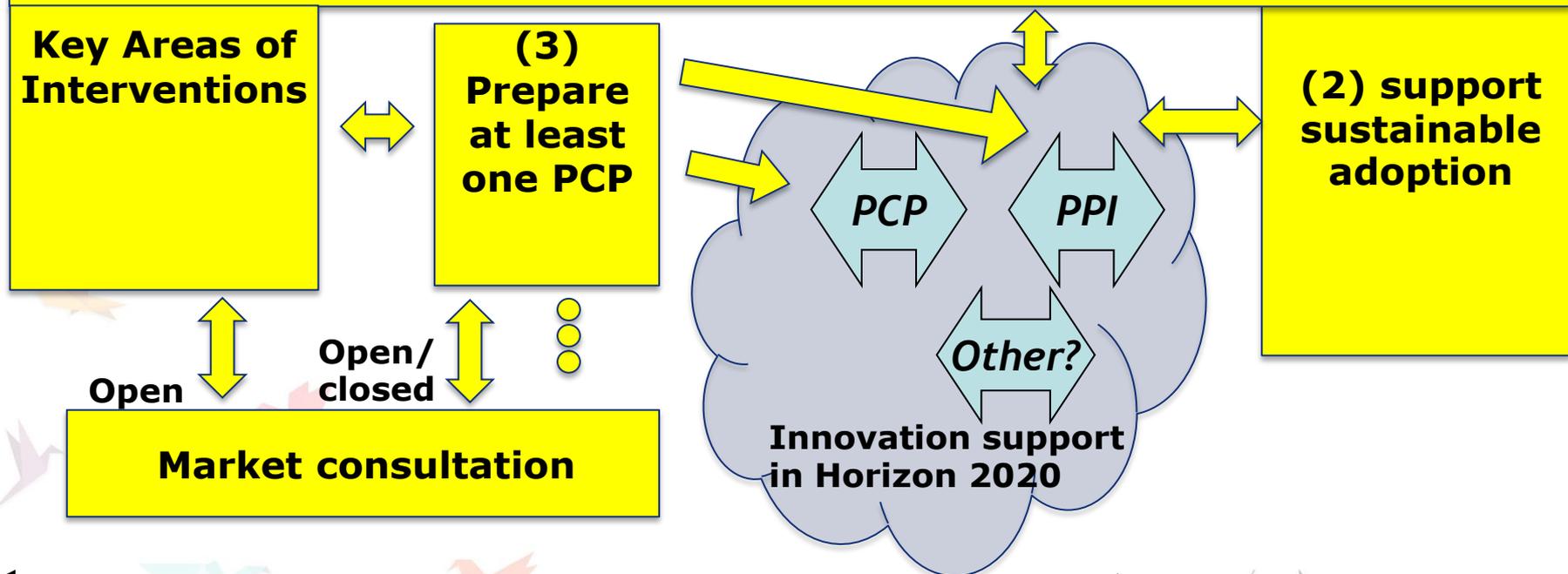
Graphics for clarification and orientation purposes only

SC1-HCC-04-2018 Digital health and care services – support for strategy and (early) adoption*

Scope

Parallel activities

(1) Framework for thematic Communities of Practice in digital health and care services



*) yellow areas only in scope

Diversity and maturity of KPAs

SC1-HCC-04-2018 Digital health and care services – support for strategy and (early) adoption

Expected Impact

- Concerted approach and solutions to the challenges faced by the health and care ecosystems as perceived by service providers and users in EU
- Well addressed unmet needs, reduced fragmentation
- Evidences of support and collaboration with consortia developing unmet needs for innovation procurement and **implementation aspects beyond the innovation procurement** procedures
- Concrete preparation of a cross-border PCP for at least one shared common procurement need

SC1-HCC-04-2018 Digital health and care services – support for strategy and (early) adoption

Deadline, Budgets, Thresholds

- Submission Deadline : 24 Apr 2018
- Total Call Budgets:
 - CSA
 - 3 million € (EC contribution: maximum **100% of the total eligible costs**)
- Cumulative threshold: 10 (3/3/3)



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Horizon 2020 Work Programme for Research & Innovation 2018-2020

SC1-DTH-10-2019-2020 Digital health and care services (PCP)

eHealth, Well-being and Ageing UNIT
DG CONNECT

7 December 2017, Brussels
Jaakko Aarnio

Research and
Innovation

SC1-DTH-10-2019 Digital health and care services (PCP)

Challenge

- **pressure on governments** to provide cost-effective health and care systems by improving utilisation of **healthcare and health outcomes**
- **network, lead and facilitate health systems research**, innovation and digitisation in view of **addressing key areas of interventions in health and care services** including health promotion and disease prevention.

SC1-DTH-10-2019 Digital health and care services (PCP)

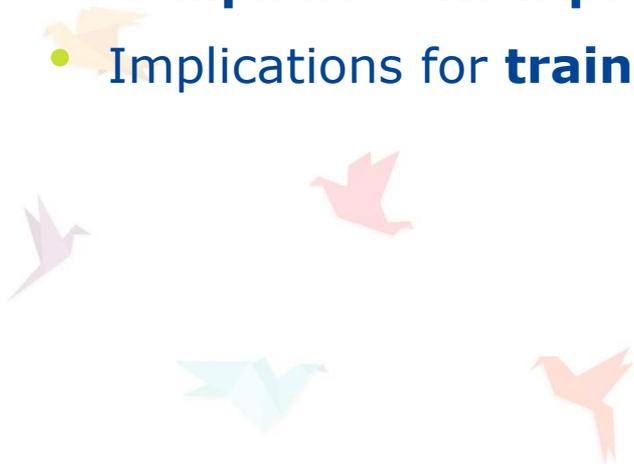
Scope

- Support the health and care **service provider to procure industrial R&D services**
- Testing and implementation of digital services and communication concepts that can facilitate **the transition to integrated care models across health and social services**
- **Key areas** that could be addressed: **patient empowerment, self-management, patient safety, patient involvement, chronic disease management, diagnosing, hospital and home care logistics, skills and independent living**
- Country-specific cross-institutional set-ups
- Includes decentralised procurement environments and collaboration across institutions

SC1-DTH-10-2019 Digital health and care services (PCP)

Scope, cont...

- **Driven by clearly identified user needs**
- Demonstrate strong commitment of **end-users**
- As applicable contribute to the use of **interoperable** solutions
- Compliance with **ethical** standards and **privacy** protection
- Include robust time-lines, a well-structured work-plan, **compliance with procedures**
- Implications for **training**



SC1-DTH-10-2019 Digital health and care services (PCP)

Expected Impact

- **Evidences in Key Performance Areas** i.e., quality in health and care, sustainability of the delivery system and economic value
- Improved **user and market engagement**
- **Strengthened procurement community**
- **Evidence of benefits of disruptive technologies**
- Increased opportunities for solution uptake across **wider international procurement markets by aiming at interoperable solutions**
- Evidence of a healthy innovation ecosystem

SC1-DTH-10-2019 Digital health and care services (PCP)

Deadline, Budgets, Thresholds

- Submission **Deadline: 14 Nov 2018**
- Total Call Budgets:
 - 22 million € (EC contribution: maximum **90% of the total eligible costs**)
 - proposals requesting a contribution from the EU of around **€5-6M would allow this specific challenge to be addressed appropriately**. Nonetheless, this does not preclude submission and selection of proposals **requesting other amounts**.
 - Proposals of this topic should follow the specific requirements for pre-commercial procurement (PCP) supported by Horizon 2020 grants as set out in Annex E of the WP
 - Cumulative threshold: 10 (3/3/3)

* Note! Deadline 2018 albeit allocated from 2019 budget.

SC1 - other topics related to adoption and scale in Digital health and care 2018-2020

2019-2020 topics (shortly introduced only):

- SC1-DTH-05-2019: Large scale implementation of digital innovation for health and care in an ageing society (PPI)
- SC1-DTH-11-2019: Large Scale pilots of personalised & outcome based integrated care (Innovation Action)
- DT-TDS-01-2019: Smart and healthy living at home (Focus Area Pilot)
- SC1-HCC-05-2018: Support to a Digital Health and Care Innovation initiative in the context of Digital Single Market strategy (CSA)

Thank you!

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Participant Portal [www](#)

