

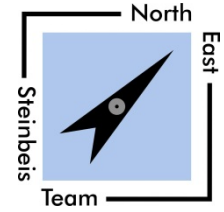
Health in European funding Sources for innovation Overview and current calls

Tallinn, 18. October 2017

Frank Graage

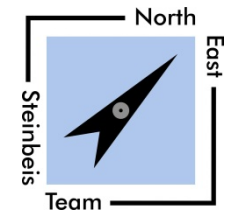
Head of the Steinbeis Team Northeast

Introduction



Overview on EU- Funding programmes with focus on health

- HORIZON 2020
- EIT – Health
- INTERREG



1. Excellent Science

European Research Council

Future and Emerging Technologies

Marie Curie Actions

Research Infrastructures

2. Industrial Leadership

Leadership in Enabling & Industrial Technologies

- information and communication technologies
- nanotechnologies
- advanced materials
- biotechnology
- advanced manufacturing and processing
- space

Access to Risk Finance

Innovation in SME

3. Societal Challenges

7 Challenges

- Health, Demographic Change and Wellbeing
- Food security, sustainable agriculture, marine and maritime research and the bio- economy
- Secure, Clean and Efficient Energy
- Smart, Green and Integrated Transport
- Climate Action, Resource Efficiency and Raw Materials
- Europe in a changing world: Inclusive, Innovative and Reflective Societies
- Secure Societies – Protecting Freedom and Security of Europe and its Citizens

Joint Research Centre (JRC)

Widening Participation

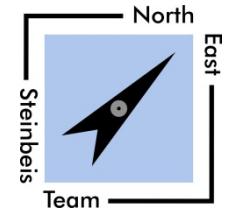
Science with & for Society

European Institute of Innovation and Technology (EIT)

Joint Programming P2P

Joint Technology Initiatives (JTIs) P2B

SC1: Health, demographic change and wellbeing



Work Programme 2018-2020 3 Calls

1. Call „Better health and care, economic growth and sustainable health systems



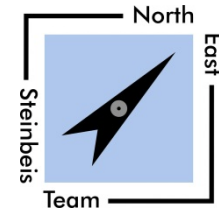
2. Call „Digital transformation in Health and Care



3. Call „Trusted digital solutions and cybersecurity in Health an Care



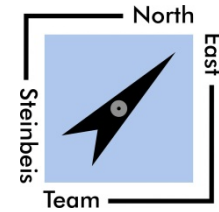
SC1: Health, demographic change and wellbeing



Call 1: Better Health and care, economic growth and sustainable health systems

- Combine health and healthy aging with the development of sustainable health systems and the growing possibilities for the healthcare industry
- Call covers these areas:
 - prevention,
 - diagnosis,
 - stratifying approaches,
 - predictive toxicology,
 - development of new therapeutic approaches (including advanced technologies, advanced therapies),
 - cohorts, register-based research,
 - integration of care and systemic digital solutions

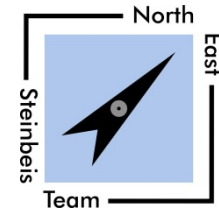
SC1: Health, demographic change and wellbeing



Call 2: Digital transformation in Health and Care

- Support for health management and well-being
- Promote the participation of citizens and the transformation of health and care services into more personal and community-based care models
- Better access to health care + sustainability of health
- Support for the European Cloud Initiative and the European Free Flow of Data Initiative
- Contribute to maximizing the potential of the digital economy in the health care and care sector, e-health, mobile health and ICT are also included

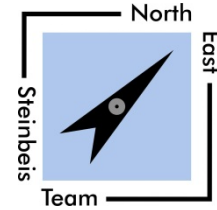
SC1: Health, demographic change and wellbeing



Call 3: Trusted digital solutions and cybersecurity in health and care

- Provide multidisciplinary technologies and solutions in health and care, with a focus on cybersecurity, to ensure data protection, as well as the safety and protection of health and care infrastructures
- Addressing secure and user-oriented ICT-based solutions in early risk detection and interventions with large data sets
- The aggregation of a large number of new and existing data sources (medical records, registers, social platforms, environmental and behavioral data)

PCP and PPI in H2020



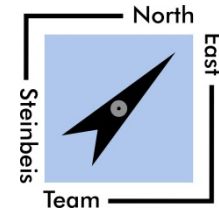
Pre-commercial Procurement (PCP)

- Procurement of R&D services in the pre-commercial phase
- For the joint public procurement of R&D services the buyer group will get an incentive up to 90% of the costs
- Max. 30% of the EU funding can be calculated for coordination and network activities

Public Procurement of Innovative Solutions (PPI)

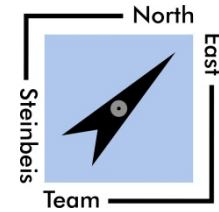
- Public procurer should act as early adopter in the market entry phase of innovative solutions
- For this joint procurement of innovative solutions/services the buyer group will get an incentive up to 35% of the buying costs
- Max. 30% of the EU funding can be calculated for coordination and network activities

SC1 calls on PCP and PPI

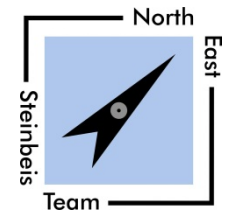


- SC1-HCO-12-2018
CSA Innovation in healthcare - a CSA towards using pre-commercial procurement and public procurement of innovative solutions in healthcare systems
- SC1-HCC-04-2018
CSA Digital health and care services – support for strategy and (early) adoption
- SC1-BHC-10-2019
PCP Innovation Procurement: Next generation sequencing (NGS) for routine diagnosis
- SC1-DTH-05-2019
PPI Large scale implementation of digital innovation for health and care in an ageing society
- SC1-DTH-10-2019-20
PCP Digital health and care services

SC1: Health, demographic change and wellbeing - Further Information



- Info Day, Horizon 2020 – 'Health, demographic change and wellbeing' on 8 December 2017, Brussels
<http://ec.europa.eu/research/index.cfm?pg=events&eventcode=60956678-FA2F-4FE0-77E88D89843C91BE>
- Satellite event 7 December 2017 in Brussels:
 - Innovation Procurement in health care
 - Partnering Event



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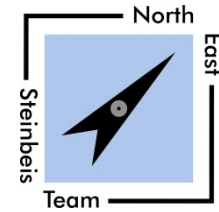
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Nanotechnologies, Advanced Materials, Biotechnology and Advanced Manufacturing and Processing (NMBP)

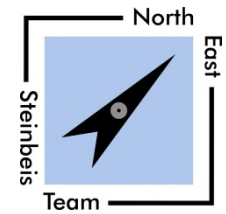


Bringing the digital to the physical world – industrial solution revolution

- Topic under the KET initiative “Emerging and Strategic Technologies for Healthcare (ESTHER)”:

Medical technologies for healthcare will offer

- promising opportunities for economic growth, arising from the convergence of activities related to industrial medical technologies.
- *inter alia* nanotechnology, biotechnology and genomics, biomaterials, micro/nano and printed electronics, communication technologies, modelling and scaled-up advanced manufacturing
- combined research and innovation efforts will be required between these various disciplines, along with all aspects of the healthcare industry, regulators and patient representative groups.
- innovative and complex, but cost effective healthcare products for diagnosis and treatment will become available to patients.



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Accelerator programme to support the best and brightest health industry entrepreneurs



Innovation Projects are developed into commercially viable products through a multi-disciplinary approach, involving business, medicine, IT and other fields of knowledge.



3rd call

- Open for all three programme priorities incl. capacity for innovation
- Extended one-step call: each lead applicant must get at least one consultation as a precondition for the application
- Specific focus to increase institutional capacities of public authorities in all levels of governance. All are expected to include public authorities with a relevant role in their partnerships
- In objective 1.1 'Research and innovation infrastructures' in particular applications that include private partners are welcome
- Deadline:
 - submit a project idea form (PIF) by 15 January 2018
 - submit a complete project application not later than 9 April 2018.

Project platform

- Objective to increase the impact of Interreg Baltic Sea Region's and other EU-funded projects in the area
- Focus in Capacity for Innovation is specific objective 1.2 Smart specialisation
- The Programme supports capacity building of authorities, innovation intermediaries, research institutions and enterprises to apply smart approach. It aims to support advancing implementation of smart specialisation strategies in the countries and regions of the Baltic Sea region.
- Deadline:
 - submit the project platform idea form and discuss it with the MA/JS
 - submit a complete project application not later than 28 February 2018



Great minds discuss ideas.
Average minds discuss events.
Small minds discuss people.

Eleanor Roosevelt