

LIST OF HORIZON 2020 CALLS OPEN IN 2017 NCP BRUSSELS / LIFETECH.BRUSSELS

PM-15-2017: Personalised coaching for well-being and care of people as they age ([link](#))

Deadline: 31/01/2017

Projects duration (average): 12-30months

Average budget per proposal: € 3-4M

Scope: Proposals should develop a proof of concept of radically new solutions for a personalised "virtual coach", building upon intelligent ICT environments, access to relevant physiological and behavioural data, new forms of accessible interaction based on tangible user interaction concepts, open platforms and emotional computing. Usability and ease of user interaction should be essential design elements of the "coach".

Expected impacts:

- Usefulness and effectiveness of personalized recommendations and follow-up in terms of the goals of preserving physical, cognitive, mental and social well-being for as long as possible;
- Validation of non-obtrusive technology for physical, cognitive, social and mental well-being;
- Evidence of user-centred design and innovation, new intuitive ways of human-computer interaction, and user acceptance;
- Potential cost-effectiveness due to enhanced self-care, life-style and care management.

PM-16-2017: In-silico trials for developing and assessing biomedical products ([link](#))

Deadline: 14/03/2017

Projects duration (average): 19 months

Estimated budget per proposal: € 4-6M

Scope: Proposals will develop innovative scientific and technological in-silico trials solutions for product design, development and assessment of drugs and other biomedical products (including products used in nuclear medicine, bioactives, medical foods)

Expected impacts:

- Specific challenge: alternative to animal testing, reducing/improving design for animal and human clinical trials. Lower development costs and/or shorter time-to-market for the products.
- Scientific and technological in-silico trials solutions for product design, development and assessment of drugs and other biomedical products.
- integral solution (methods and application-proof of concept) foreseen

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PM-17-2017 Personalised computer models and insilico systems for well-being ([link](#))

Deadline: 14/03/2017

Projects duration (average): 19 Months

Estimated budget per proposal: € 4-6 M

Scope: Proposals should aim at the development of new integrative computer-models and simulation systems of acceptable validity, with the potential to being reused, built on open service platforms and with application in well-being, health and disease

Expected impacts:

- Specific challenge is to predict the influence of internal or external factors (e.g. environment; social sciences and humanities) on the human physiology.
- Developing predictors based on computer models and simulations of the influence of these factors on the resilience to challenges (stress, diseases).

PM-19-2017: PPI for uptake of standards for the exchange of digitalised healthcare records ([link](#))

Deadline: 14/03/2017

Projects duration (average): 8-26 Months

Estimated budget per proposal: € 3-4 M

Scope: Proposals should address as primary aim public procurement of innovative solutions (PPI) to facilitate the deployment of an eHealth infrastructure taking into consideration the European eHealth Interoperability Framework and EU guidelines adopted by the eHealth Network

Expected impacts:

- This specific challenge aims at fostering the use of interoperability standards and stimulating the EHR market with the implementation of more interoperable components
- The scope of the PPI(s) is to specify, purchase and deploy innovative standards-based solutions which can deliver sustainable, new or improved healthcare services across organizational boundaries