



Gabinete de Promoção dos
Programa Quadro ID&I

“Health, demographic change and wellbeing”

Programa de trabalho 2018-2020

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FCT
Fundação para a Ciência e a Tecnologia
MINISTÉRIO DA CIÊNCIA, TECNOLOGIA E ENSINO SUPERIOR

 **ANI**
AGÊNCIA NACIONAL
DE INOVAÇÃO

**“Better health for all
and a more competitive
health and care sector”**

OBJECTIVOS DO H2020 NA ÁREA DA SAÚDE

- Investir em “**melhor saúde** para todos”
- Manter as pessoas **idosas activas** e **independentes** por mais tempo
- Apoiar o desenvolvimento de **intervenções novas**, mais **seguras** e mais **eficazes**
- Contribuir para a **sustentabilidade** dos **sistemas de cuidados de saúde**



**projetos PT na
área da saúde**

- **Universidade de Coimbra, Portugal**
- 14 parceiros de 12 países
- PT: Instituto Superior Técnico
- PHC-31-2014 - Foresight for health policy development and regulation
- 3 M€
- The project will develop tools based on a population health index to evaluate the health and well-being of the European population





- **Universidade de Coimbra, Portugal**
- 8 parceiros: Portugal, Suíça, Holanda, Chipre, Espanha e França
- PT: Cáritas Diocesana de Coimbra
- PHC-19-2014 Advancing active and healthy ageing with ICT: service robotics within assisted living environments
- 2.8 M€
- Aims to provide an affordable service robotic system able to learn the older persons needs and habits over time to support, encourage and engage the older persons to stay longer active, independent and socially involved, in carrying out their daily life at home



TREGeneration

- **Instituto de Medicina Molecular, Portugal**
- 8 parceiros: Portugal, Itália, Alemanha, Inglaterra e EUA.
- PHC-15-2014 - Clinical research on regenerative medicine
- 6 M€
- Repair of tissue and organ damage in refractory chronic graft versus host disease after hematopoietic stem cell transplantation by the infusion of purified allogeneic donor



WP 2018-2020

EUROPA: DESAFIOS NA ÁREA DA SAÚDE

Custos potencialmente insustentáveis dos cuidados de saúde

Fatores ambientais externos, incluindo alterações climáticas

Proteção das populações contra as doenças infecciosas

Desigualdade no acesso aos cuidados de saúde

- Promover a integração efetiva da medicina personalizada nos serviços de saúde para benefício dos doentes e dos cidadãos;
- Combater as doenças infecciosas e a crescente ameaça da resistência antimicrobiana;
- Abordar as necessidades dos grupos mais vulneráveis e o aumento global das doenças crónicas;
- Entender o papel do ambiente, incluindo as alterações climáticas, na saúde e desenvolver medidas atenuantes;
- Explorar o potencial digital para a inovação e cuidados de saúde;
- Estimular a inovação nos cuidados de saúde e indústria Europeus, explorando a aplicação de tecnologias avançadas, a melhoria da saúde dos trabalhadores e a promoção da ciência regulatória.

WP DS1 2018-2020: ORIENTAÇÕES ESTRATÉGICAS

POLICY DRIVERS

[2030 Agenda for Sustainable Development and its Sustainable Development Goals](#)

[COP211](#)

[Ostrava declaration on environment and health](#)

[Digital Single Market](#)

[European One Health Action Plan against Antimicrobial Resistance](#)

[Cross-border healthcare directive](#) (and its support to the European Reference Networks)

[Commission Communication on upgrading the single market](#)

[Council Conclusions on Personalised Medicine](#) and on [Pharmaceuticals](#)

Health, demographic change and wellbeing

BETTER HEALTH AND CARE, ECONOMIC GROWTH AND SUSTAINABLE HEALTH SYSTEMS

32

Personalised medicine

8

Innovative health and care industry

4

Infectious diseases and improving global health

12

Innovative health and care systems – Integration of care

5

Decoding the role of the environment, including climate change, for health and well-being

3

DIGITAL TRANSFORMATION IN HEALTH AND CARE

13

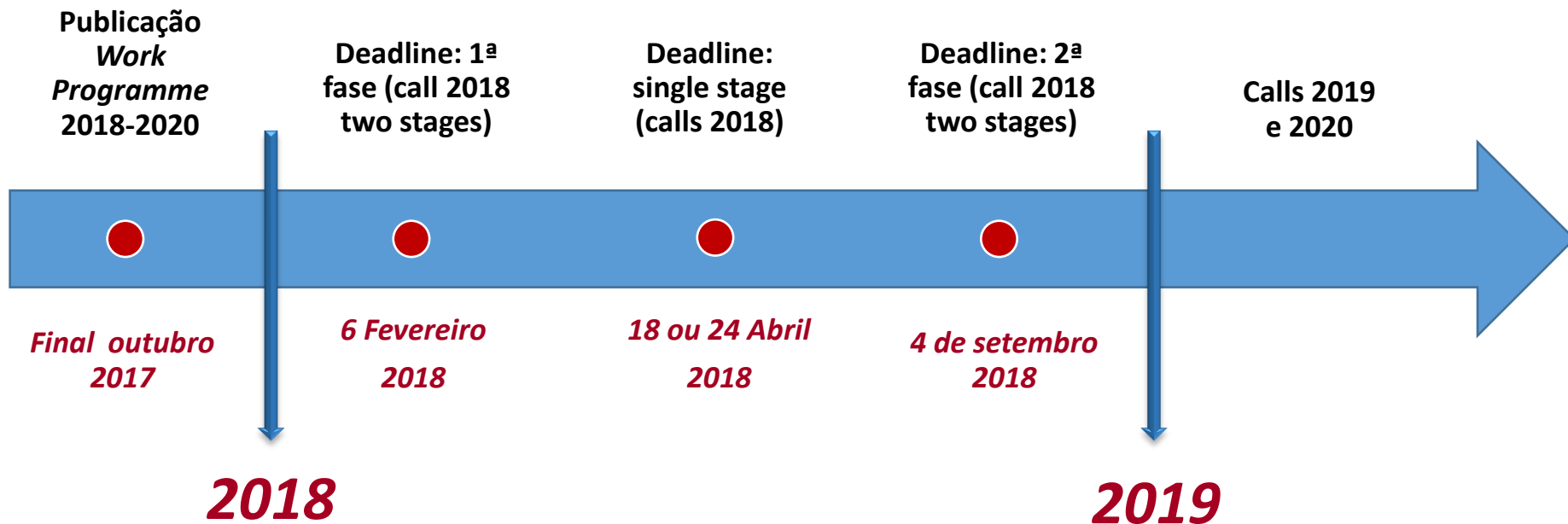
TRUSTED DIGITAL SOLUTIONS AND CYBERSECURITY IN HEALTH AND CARE

3

WP DS1 2018-2020: ORÇAMENTO

Call	2018 (M€)	2019 (M€)
Better Health and Care (BHC)	445,0	504,0
Digital Transformation (DT)	100,0	107,50
Trusted Digital Solutions (TDS)	36,0	60,0
TOTAL	581,0	671,5

WP DS1 2018-2020: CALENDÁRIO INICIAL (CALLS 2018)



Tópicos (exemplos)

- **SC1-BHC-07-2019:** Regenerative medicine: from new insights to new applications (RIA)
- **SC1-BHC-09-2018:** Innovation platforms for advanced therapies of the future (RIA)
- **SC1-BHC-18-2018:** Translational collaborative cancer research between Europe and the Community of Latin American and Caribbean States (CELAC) (RIA)
- **SC1-HCO-09-2018:** Building international efforts on population and patient cohorts (CSA)
- **SC1-BHC-23-2018:** Novel patient-centred approaches for survivorship, palliation and/or end-of-life care (RIA)
- **SC1-BHC-25-2019:** Demonstration pilots for implementation of personalised medicine in healthcare (IA)
- **SC1-DTH-01-2019:** Big data and Artificial Intelligence for monitoring health status and quality of life after the cancer treatment (RIA)



Saúde
IMI
EDCTP



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