



# DÉFI SOCIÉTAL SANTÉ, CHANGEMENT DÉMOGRAPHIQUE ET BIEN-ÊTRE

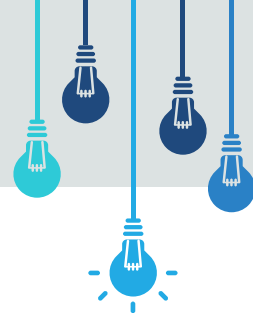


**Wébinaire d'information  
Appels à Projets 2020**

**Priorité 6-1 "Digital Transformation in health and care"**

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## RAPPEL SUR LES REGLES DE PARTICIPATION

- Règles d'éligibilité
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## PRESENTATION DES APPELS A PROJETS

**SC1-DTH-02-2020 - Personalized early risk prediction, prevention and intervention based on Artificial Intelligence and Big Data technologies**

**SC1-DTH-04-2020-International cooperation in smart living environments for ageing people**

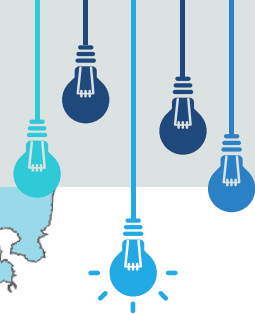
**SC1-DTH-06-2020-Accelerating the uptake of computer simulations for testing medicines and medical devices**

**\*SC1- DTH-14-2020 Pre-commercial Procurement for Digital Health and Care Solutions (was SC1-DTH-10-2019-2020 - Digital health and care services)**

**SC1-HCC-07-2020-Support for European eHealth Interoperability roadmap for deployment**

**SC1-HCC-08-2020 Scaling up innovation for active and healthy ageing**

# Règles de participation



**Consortium:** Minimum 3 entités légales de 3 Etats-membres ou Etats associés différents

Toute entité légale peut participer

Entités légales financées : établies dans les Etats-membres ou Etats associés

A noter : Exception unique au défi santé : les entités des USA sont financées

Cas spécifique de la Grande-Bretagne

Pour les Etats tiers : Certains pays sont financés (voir liste) – ou leur participation est expressément prévue dans le programme de travail



# Coopération Internationale : Politique de la CE



Toutes les lignes d'appel sont ouvertes à la coopération internationale



## Contribution financière de la C.E pour le Défi Santé :

28 Etats-Membres, 16 Etats-Associés, 124 Pays-Tiers et USA



## Pour les autres Pays-Tiers, pas de financement de la CE

→ Mécanismes de co-financement existants pour certain pays: Australie, Brésil, Canada, Chine, Honk-Kong&Macau, Inde, Japon, Corée, Mexique, Russie, Taiwan

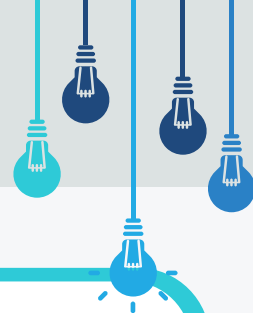


## Certaines lignes d'appel ciblent des pays spécifiques

Participation des pays tiers cités obligatoires pour que le projet soit éligibles

- Stimuler la coopération dans un domaine spécifique qui représente un fardeau à la fois pour l'Union Européenne et le(s) pays ciblé(s)
- Donner un « signe » visible de coopération (diplomatie scientifique)

# BREXIT & H2020



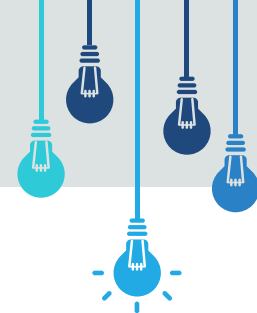
## Accord de retrait conclu au 31.10.19

- ✓ « Business as usual »
- ✓ UK pleinement éligible jusqu'à la fin d'H2020 (y compris pour les appels ouverts/clos après mars 2019)
- ✓ Tous les projets H2020 financés jusqu'à leur terme

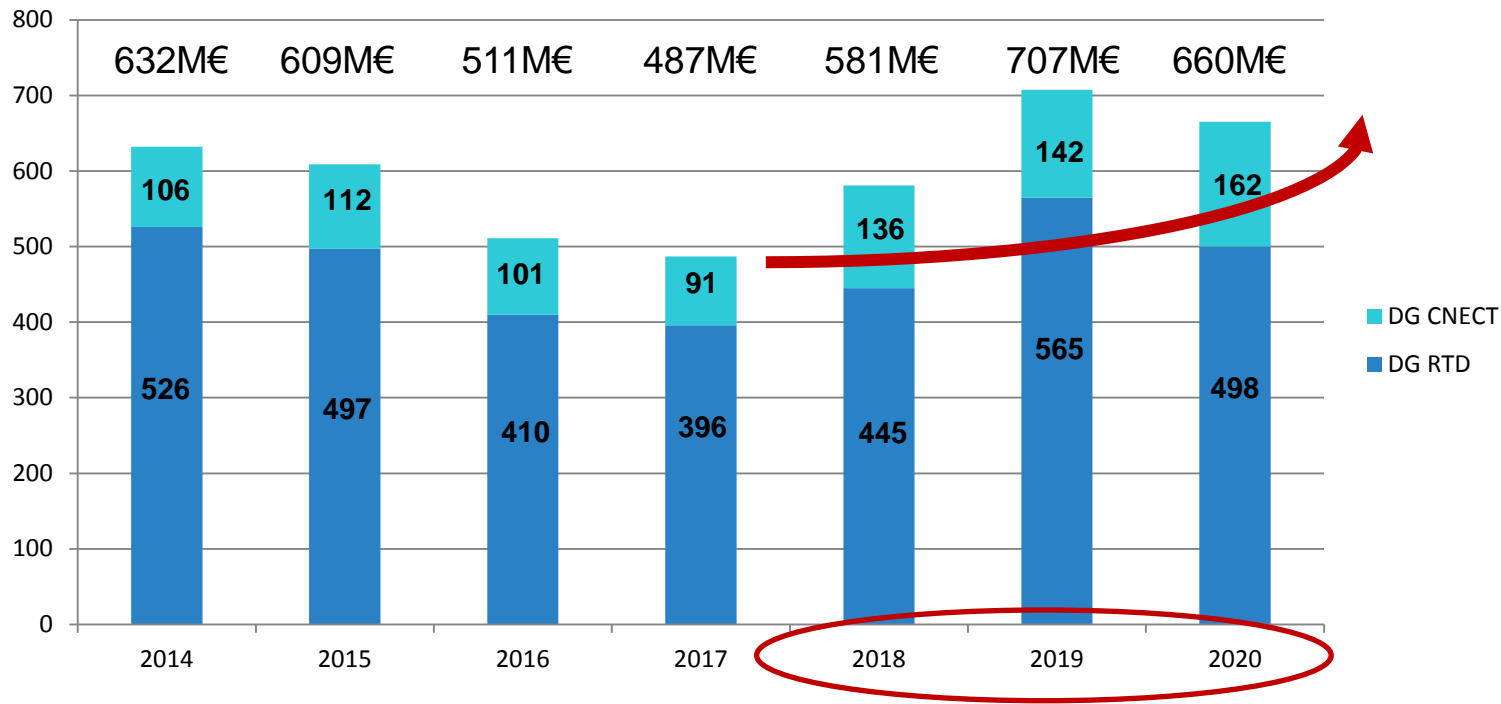
## « No deal »

- × Eligibilité des consortiums peut être remise en question (3 entités établies dans 3 Etats Membres ou Etats Associés différents)
- × UK non éligible aux actions individuelles (ERC, EIC et certaines actions MSCA)
- ✓ Financement de la participation des entités britanniques au travers d'un fonds dédié

# Défi Santé : Budget



1948 Md€ pour WP 18-20



# Structure du programme de travail 2018-2020

## Call 1. Better Health and care, economic growth and sustainable health systems, (13 RIA, 10 CSA, 1PCP, 1PPI)

- 1.1 Personalised medicine
- 1.2 Innovative health and care industry
- 1.3 Infectious diseases and improving global health
- 1.4. Innovative health and care systems - Integration of care
- 1.5 Decoding the role of the environment for health and well-being
- 1.6 Contribution to the Call on Digital transformation in Health and Care

**Budget 2020**  
**498 M€**



**DG RTD**

## Call 2. – Digital transformation in Health and Care (3 RIA, 2 CSA 1PCP)

**Budget 2020**  
**92 M€**



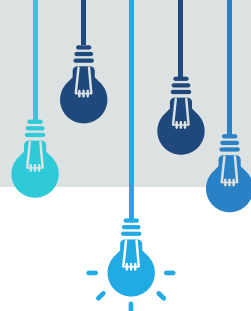
**DG CNECT**

## Call 3. – Trusted digital solutions and Cyber security in Health and Care (2 RIA)

**Budget 2020**  
**70 M€**



# Différents types d'actions



## RIA - Research and Innovation Actions

→ recherche fondamentale et appliquée, développement et l'intégration de technologie, essais et validation d'un prototype à petite échelle dans un laboratoire ou un environnement simulé

Taux de financement européen 100% et durée habituelle 36-60 mois

## IA - Innovation Actions

→ prototypage, essais, démonstration ou pilotes, validation du produit à grande échelle, première commercialisation. Les projets peuvent inclure des activités limitées de recherche et de développement

Taux de financement européen 70% (sauf pour les entités à but non lucratif qui sont financées à 100% de leurs coûts totaux éligibles) et durée habituelle 30-36 mois

## CSA - Coordination and Support Actions

→ études de design pour de nouvelles infrastructures, activités complémentaires de planning stratégique, mise en réseau et la coordination entre programmes dans différents pays

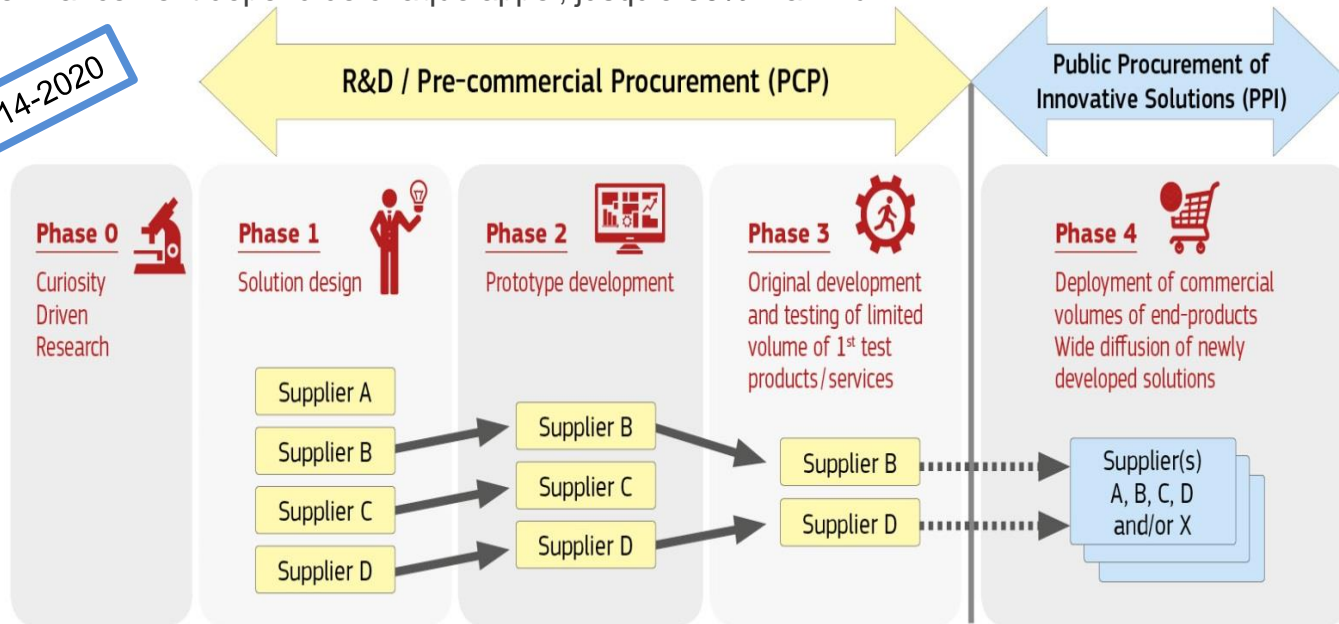
Taux de financement européen 100% et durée habituelle 12-30 mois



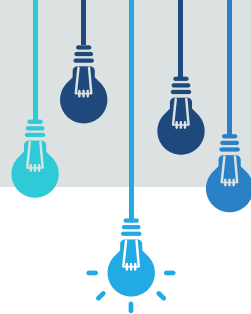
# Différents types d'actions

- **PCP**: développement d'une solution innovante, en collaboration avec les fournisseurs, répondant à un besoin qui ne peut pas être pourvu par le marché  
Le Taux de financement dépend de chaque appel, jusqu'à 90% maximum
- **PPI**: achat de solution innovante déjà commercialisée  
Le taux de financement dépend de chaque appel, jusqu'à 50% maximum

SC1-DTH-14-2020



# Structure du programme de travail 2018-2020



## CALENDRIER 2019-2020

Derniers appels du programme cadre Horizon 2020

Publication officielle du programme de travail 2020 : **2 juillet 2019**

### Dates limites de soumission des dossiers

- **DG RTD**

- **24 Septembre 2019** : dépôt des dossiers de première étape (pour les appels en 2 étapes)

- **07 Avril 2020** : dépôt des projets complets pour les appels en 2 étapes et en 1 étape

- **DG CNECT** : tous les appels sont en 1 seule étape

- **13 Novembre 2019**: 2 appels (**HCC-07-2020**)

- **22 avril 2020**: (**tous les autres**)

- **TYPES D'APPEL**

- 3 RIA (Research and Innovation Action),

- 3 CSA (Coordination and Support Action)

- 1 PCP



**Part des CSA très importante dans ce Work Programme**

→ préfiguration des prochains appels à projets ?

La France doit être impliquée dans ces activités

# Priority 6: Digital transformation in Health and Care

## OBJECTIFS:

- Meilleur accès aux soins et durabilité des systèmes de soins et santé
  - Faire participer les citoyens et faciliter la transformation des services de soins et de santé vers des modèles plus numérisés, centrés sur la personne et basé sur la communauté
  - e-Health et m-Health
  - TIC pour un vieillissement actif et en bonne santé
- **Maximiser le potentiel de l'économie numérique dans les domaines du soin et de la santé**

**CIBLES:** Données sécurisées et interopérables, intelligence artificielle, « Big Data analytics »

## CONTEXTE POLITIQUE:



Connected Digital Single Market



European Cloud Initiative



European Free Flow of Data initiative



Silver Economy initiative

# Priority 6: Digital transformation in Health and Care

## DIGITAL SINGLE MARKET

La Commission Européenne a publié en 2015 sa stratégie politique pour la mise en œuvre d'un marché unique numérique européen.

- Adapter le marché unique de l'UE à l'ère numérique
- Faire tomber les barrières réglementaires et de transformer les 28 marchés nationaux en un marché unique.

## TRANSFORMATION NUMÉRIQUE DES SOINS DE SANTÉ

En Avril 2018, publication d'une communication qui identifie 3 priorités concernant la santé dans le cadre du Digital Single Market. Cette communication propose également une série d'actions à mettre en œuvre pour atteindre les objectifs de ces priorités

### 1. Accès sécurisé et échange de données

Accès sécurisés des citoyens à leurs données de santé et la possibilité pour les personnels de santé de partager ces données avec d'autres Etats Membres

### 2. Données centralisées pour la recherche et la médecine personnalisée

Partager les ressources (données, infrastructures, expertises) pour une recherche, des diagnostics et des traitements mieux ciblés et plus rapides

### 3. Outils numériques et données pour l'autonomisation des citoyens et un système de soin centré sur la personne

Les citoyens peuvent surveiller leur santé, adapter leur style de vie et interagir avec leurs docteurs (recevoir et envoyer des informations)

# Digital Health and Care



TRANSFORMATION OF HEALTH AND CARE IN THE DIGITAL SINGLE MARKET - Harnessing the potential of data to empower citizens and build a healthier society

## European health challenges

- ⊗ Ageing population and chronic diseases putting pressure on health budgets
- ⊗ Unequal quality and access to healthcare services
- ⊗ Shortage of health professionals

## Potential of digital applications and data to improve health

- 📌 Efficient and integrated healthcare systems
- 📌 Personalised health research, diagnosis and treatment
- 📌 Prevention and citizen-centred health services

## What EU citizens expect...



## Support European Commission:

### 1 Secure access and exchange of health data

#### Ambition:

Citizens securely access their health data and health providers (doctors, pharmacies...) can exchange them across the EU.

#### Actions:

- eHealth Digital Service Infrastructure will deliver initial cross-border services (patient summaries and ePrescriptions) and cooperation between participating countries will be strengthened.
- Proposals to extend scope of eHealth cross-border services to additional cases, e.g. full electronic health records.
- Recommended exchange format for interoperability of existing electronic health records in Europe.



Updated 24/02/2018

### 2 Health data pooled for research and personalised medicine

#### Ambition:

Shared health resources (data, infrastructure, expertise...) allowing targeted and faster research, diagnosis and treatment.

#### Actions:

- Voluntary collaboration mechanisms for health research and clinical practice (starting with "one million genomes by 2022" target).
- Specifications for secure access and exchange of health data.
- Pilot actions on rare diseases, infectious diseases and impact data.



### 3 Digital tools and data for citizen empowerment and person-centred healthcare

#### Ambition:

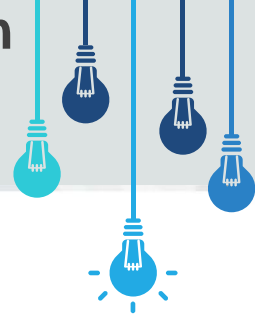
Citizens can monitor their health, adapt their lifestyle and interact with their doctors and carers (receiving and providing feedback).

#### Actions:

- Facilitate supply of innovative digital-based solutions for health, also by SMEs, with common principles and certification.
- Support demand uptake of innovative digital-based solutions for health, notably by healthcare authorities and providers, with exchange of practices and technical assistance.
- Mobilise more efficiently public funding for innovative digital-based solutions for health, including EU funding.



# SC1-DTH-02-2020: Personalized early risk prediction, prevention and intervention based on Artificial Intelligence and Big Data technologies



**Budget total: 32 M€**

- ❖ 4 à 6 M€ par projet
- ❖ 6 à 8 projets financés
- ❖ Type d'action: RIA

**22 avril 2020**

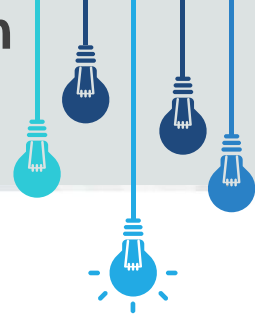
Dépôt en 1 étape

## SPECIFIC CHALLENGE

- Strengthen disease prevention and integrate service delivery around people's needs for health and social care
- Overcome service fragmentation and move towards integration and coordination of interventions along the continuum of care
- **Develop and validate comprehensive models based on AI** or other state of the art technologies for **prediction, prevention and intervention** using multiple available data resources and to integrate them in personalised health and care pathways that empower individuals to actively contribute to risk mitigation, prevention and targeted intervention.



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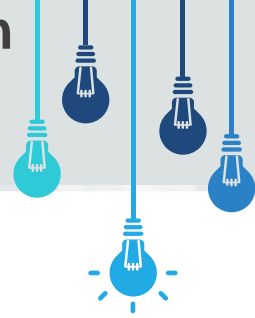
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## SCOPE

- **Innovative ICT solutions for early personalised risk prediction** through data, data analytics, advanced or novel digital technologies, services, products, organisational changes
- Increase **health literacy**, including on own personal data and advancing professionals' proficiency in novel, data-oriented health services (e.g. with visualisations like dashboards, etc.)
- Validation and active stakeholder engagement in the design
- Personalised early risk prediction, prevention and intervention approaches and better understanding of disease symptoms and effects and behavioural changes
- Addressing the needs of individuals, improving the uptake of preventive approaches and leading to more effective health and care systems
- Clear and coherent set of recommendations or guidelines for public health authorities in Europe to implement person-centred health and care pathways (<-> disease-centred)

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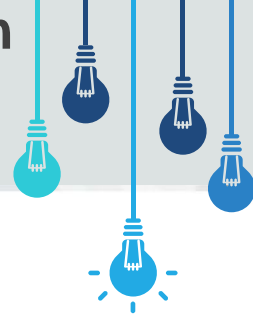


## EXPECTED IMPACT

- **Evidence of the benefits** of delivering adequate information regarding personalised risk prediction, prevention and intervention, based on proof of concept and involvement and specified roles of relevant stakeholders.
- **Clear improvements of outcomes for individuals**, care systems and wider society from prevention measures and interventions based on personalised early risk prediction in comparison with current practices.
- **Usefulness and effectiveness of integration and coordination of interventions in new health and care pathways** based on person-centred early risk prediction, prevention and intervention models.
- Realise **large-scale collection of user-generated data** in compliance with data protection, privacy and security rules and principles.
- Support integration with tools and services under the European Open Science Cloud.



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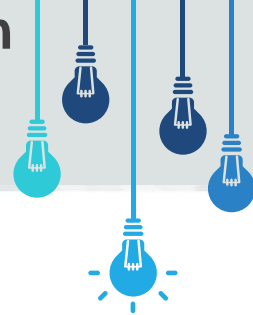
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Analyse  
du PCN

## COMMENTAIRES

- L'objectif de cet appel est de permettre aux individus de mieux comprendre leurs risques de santé à partir de leur données et de prévenir les maladies tout en rendant les systèmes de santé plus efficaces
- Il n'est pas attendu dans ce projet d'essais clinique ou de pilote à large échelle, mais une validation (test sur un prototype ou preuve de concept)
- Il faudra bien faire la démonstration de la faisabilité des modèles/technologies/scénarios proposés
- Bien étudier la relation avec les systèmes de santé
- La CE recherche des solutions TIC, mais seulement leur développements et leurs applications. Il faudra également s'intéresser aux services et procédés autour de ces solutions et les changements organisationnels qu'elles impliquent si pertinent.

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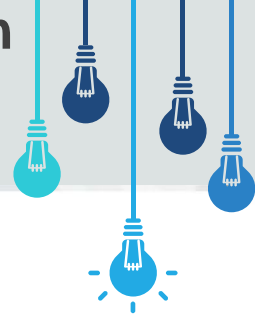
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Analyse  
du PCN

## COMMENTAIRES

- Partenaires clés pour répondre à cet appel:
  - Industriels (incluant les PME) et fournisseurs de service dans les domaines tels que la collecte de données hors essai clinique, par des appareils connectés
  - Autorité de santé publique et organisations/professionnels du soin et de la santé
  - Acteurs SHS : psychologues, ergonomes, sociologues et anthropologues (usage des nouvelles technologies)
  - Acteurs pertinents dans la recherche et la clinique suivant les pathologies ciblés dans la proposition
  - Engagement des utilisateurs finaux (notamment dans le cas de groupes "vulnérables")

# SC1-DTH-02-2020: Personalized early risk prediction, prevention and intervention based on Artificial Intelligence and Big Data technologies



## EXEMPLES DE PROJETS DÉJÀ FINANCÉS

Appels à projets précédents centrés sur les personnes âgées uniquement tandis que cet appel 2020 est ouvert à tous les âges

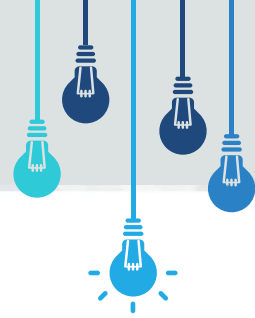
- [PHC-21-2015](#) : Advancing active and healthy ageing with ICT: Early risk detection and intervention  
[Voir les projets financés](#)

→ **Le texte de l'appel fait spécifiquement référence à ces projets, sur les résultats desquels il faut s'appuyer dans la proposition**

[SC1-PM-17-2017](#): Personalised computer models and in-silico systems for well-being  
[Voir les projets financés](#)



# SC1-DTH-04-2020-International cooperation in smart living environments for ageing people



**Budget total: 8 M€**

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- ❖ 2 à 4 projets financés
- ❖ Type d'action: RIA

**22 avril 2020**

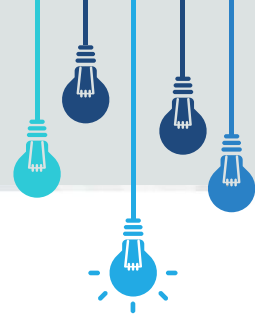
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## SPECIFIC CHALLENGE

- Demographic change and the ageing of the population create new heterogeneous challenges for society and, in particular, for ageing people.
- On top of the health-related age impairments such as poor health, cognitive impairment and frailty, ageing people are at risk of facing situations leading to potential social exclusion with considerable negative consequences for their independence, quality of life, those who care for them, and for the sustainability of health and care systems.
- Digital solutions can play a key role when addressing these challenges and, especially those aimed at creating smart living environments for ageing people.
- For these to be successful, one necessary condition is to ensure users' acceptance, which in turns requires bringing the users to the centre of the design. Moreover, these environments need to provide innovative user-friendly user interfaces such as voice-based interaction
- These challenges are shared by ageing populations beyond the EU and other countries are also looking into the potential of digital solutions to address them. In this context, there is a need to explore collaboration and cooperation with international efforts in this domain.
- This action aims to address these challenges by developing smart living environments for ageing people, while strengthening relevant international collaboration in the area.

# SC1-DTH-04-2020-International cooperation in smart living environments for ageing people



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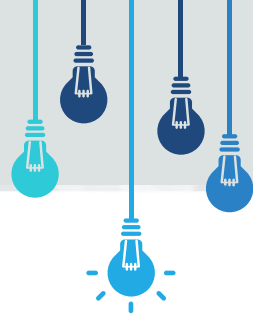
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## SCOPE

- **Develop and validate** new solutions leading to **smart living environments** for ageing people, supporting independent active and healthy lifestyles.
- Provide **personalised advice**, guidance and follow-up for key age and health related issues in daily life which impact the person's ability to remain active, healthy and independent. Pay particular focus to measures aimed at fostering social participation and avoiding social exclusion
- Build upon **intelligent and interoperable ICT environments**, access to relevant physiological and behavioural data, emotional computing, open platform and Internet of Things approaches
- Make use and further develop **user interaction**, including voice-based, taking into account AI methods for understanding the users' intentions, knowledge extraction and learning
- **Validation in realistic test sites**, such as at home or at care centres, in order to Demonstrate the expected benefits and impacts
- Cooperation with **Japan or Canada**.

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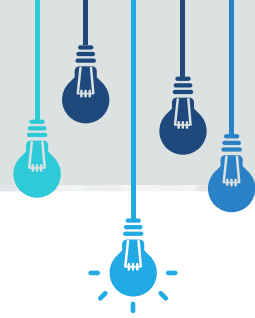


## SCOPE

Cooperation with **Japan**: Focus on standardisation

- Ensure the use of generalized infrastructures such as cloud system and open sources
- Platform approaches are required to ensure interoperability and future expandability.
- Foster the adoption of the existing standards (including de-facto/ consortium standards), contributions to appropriate ongoing standardization work
- Contribute to help ageing people remain active and healthy inside and outside their home, by providing action guidance and decision support derived from personal information such as memories and action histories
- Make use and further develop multimodal interaction including voice-based conversation and gesture

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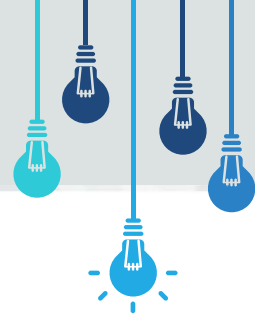


## SCOPE

Cooperation with **Canada**: Focus on transition in care initiative

- Include the use of ICT-based solutions to support smart living environments that address transitions in care gaps for ageing people
- Focus on the **development, integration and evaluation of eHealth innovations**, in collaboration with stakeholders, in order to improve health outcomes.
- Ways to improve the quality of outcomes and the cost-effectiveness of smart living environments that support care transitions
- This call supports the integration of smart living environment solutions which are ready to **progress beyond the prototype stage** for use into care delivery programs and undergo pragmatic evaluation.
- Establish productive partnerships with eHealth innovation industries to co-design eHealth-enabled smart living environments to improve transitions in care

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## SCOPE

Cooperation with **Canada**: Focus on transition in care initiative

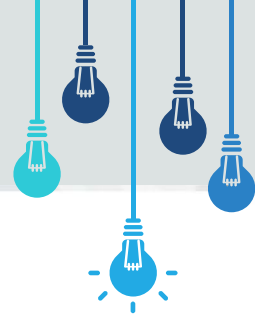
- Includes one or both of the following areas as relevant to aging people
  - Changing health status or care
  - Key populations to optimize transition in care outcomes

Example of potential topics may include, but are not limited to the following

- Ageing patients/survivors patients with acute, chronic or complex health conditions that are transitioning from hospital to home and supported by ICT-based solution (i.e. sensors monitoring their vitals and providing feedback to themselves and providers).
- Ageing patients/survivors of chronic conditions transitioning into a smart living long-term care facility.
- Implementing smart living environments for managing care transitions of ageing people within different culture and social groups, and/or geographic regions.
- Evaluation of smart living environment solutions that address transition in care challenges for ageing patients with the capability to progress beyond prototype stage, into care delivery programs for pragmatic evaluation.



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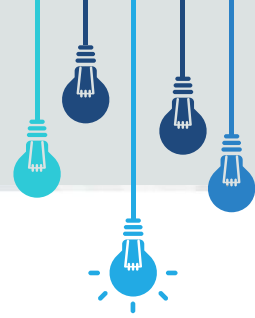


## EXPECTED IMPACT

The proposal should provide appropriate indicators to measure its progress and specific impact in the following areas:

- Independent living, and quality of life of older persons compared to current state of the art
- **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;
- Evidence of **user-centred design and innovation**, effective ways of human computer interaction, and **user acceptance**
- Fostering social participation and reducing social exclusion's risks
- **Validation of non-obtrusive technology** for physical, cognitive, social and mental well-being
- Strengthened international cooperation in Research and Innovation on ICT for AHA.

# SC1-DTH-04-2020-International cooperation in smart living environments for ageing people



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- ❖ Type d'action: RIA

**22 avril 2020**

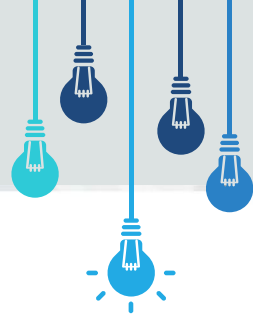
Dépôt en 1 étape

Analyse  
du PCN

## COMMENTAIRES

- En plus de la règle d'éligibilité de 3 participants de 3 pays membres ou associés différents, les propositions devront inclure soit au moins un partenaire du Japon, soit au moins un partenaire du Canada.
- Une seule soumission sera faite sur le portail de la CE. Une seule évaluation du projet sera réalisée, conjointement entre la CE et les partenaires financeurs du Japon et du Canada
- Sur le budget total de 8 M€, au moins 4 M€ sont réservés à la collaboration avec le Canada, et 4M€ à la coopération avec le Japon
- Les Instituts de Recherche en Santé du Canada ont mis en place un outil de recherche de partenaire dédié à ce topic :  
<http://www.cihr-irsc.gc.ca/f/51567.html> (Français)  
<http://www.cihr-irsc.gc.ca/e/51567.html> (Anglais)

# SC1-DTH-04-2020-International cooperation in smart living environments for ageing people



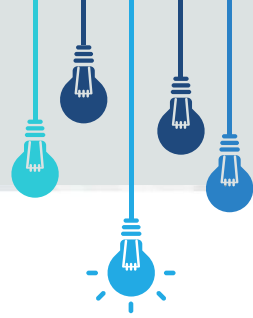
## EXEMPLES DE PROJETS DÉJÀ FINANCES

SC1-PM-14-2016: EU-Japan cooperation on Novel ICT Robotics based solutions for a ctive and healthy ageing at home or in care

[Voir les projets financés](#)



# SC1-DTH-06-2020-Accelerating the uptake of computer simulations for testing medicines and medical devices



**Budget total: 32 M€**

- ❖ 6 à 8 M€ par projet
- ❖ 4 à 5 projets financés
- ❖ Type d'action: RIA

**22 avril 2020**

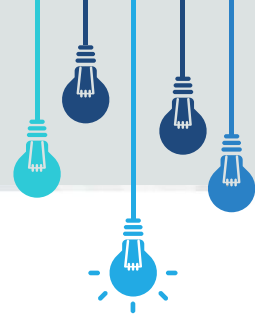
Dépôt en 1 étape



## SPECIFIC CHALLENGE

- Accelerating the uptake of in-silico trials solutions to become closer to innovation and the market in order to surpass the barriers that prevent wide use.
- **High costs:** Getting a new pharmaceutical product to market estimated to cost over 2 billion EUR, with most spend at the late stages of clinical trials.
- Greater **predictive power may be obtained from in-silico (computer modelling) analyses such as predictive toxicology.**
- In-silico trials solutions are still in their **starting phase and not integrated yet into the clinic and the market.**
- **Users need proofs of validation in the real clinical contexts**
- **Bring together industrial and academic stakeholders** to advance further research on this topic
- **Gain the trust of regulatory bodies** for innovation in order to, **develop the framework of standards, protocols and shared resources required to evaluate the safety and the efficacy of medical devices and/or medicines** at the end of the drug development process using in-silico modelling techniques

# SC1-DTH-06-2020-Accelerating the uptake of computer simulations for testing medicines and medical devices



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- ❖ 6 à 8 M€ par projet
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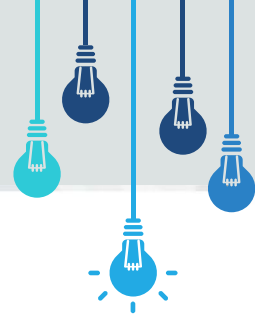
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## SCOPE

- Develop innovative scientific and technological in-silico trials solutions for testing medicines and/or medical devices.
- A multidisciplinary effort
- Explore and inform of the reasons for failure should the drug or medical device be found not efficient or safe and will suggest improvements.
- To help adopt such in-silico methods, measures for validation (human trials, animal studies, in vivo and in vitro validation, including the use of biobanks if appropriate) of the in-silico results should be included in the proposed projects.
- The benefit for human health, environment and animal welfare should be analysed and quantified.
- Engagement with regulators and consideration of the regulatory framework issues for in silico trials solutions are highly recommended.

# SC1-DTH-06-2020-Accelerating the uptake of computer simulations for testing medicines and medical devices



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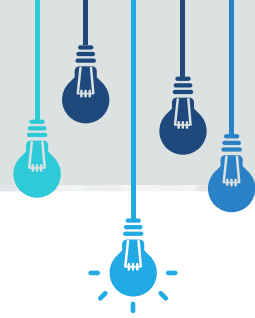
Dépôt en 1 étape



## EXPECTED IMPACTS

- Accelerating the adoption of computer simulations for testing medicines and/or medical devices, clinic to market.
- Increasing the trust of users (healthcare professionals and patients), investors and stakeholders at industry and academia to adopt computer simulations for testing medicines or medical devices as a substitution or complement of current clinical trials when appropriate.
- Contributing to redesigning current drug clinical trials by integrating in-silico methods for testing medicines or medical devices and creating a unique, digitised, personalised testing environment.
- Engagement with regulators and consideration of the regulatory framework for computer modelling solutions.
- Contributing to:
  - reducing the size and the duration of the human clinical trials and/or contributing to significantly reducing animal testing in clinical trials.
  - increased efficacy and patient safety in clinical trials.
  - reducing development costs and/or shorter time-to-market for new drugs or new medical devices.
  - setting standards for computer modelling solutions for testing.
  - The European Cloud Initiative, notably by providing open, reusable data and in silico models for clinical trials.

# SC1-DTH-06-2020-Accelerating the uptake of computer simulations for testing medicines and medical devices



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Dépôt en 1 étape

Analyse  
du PCN

## COMMENTAIRES

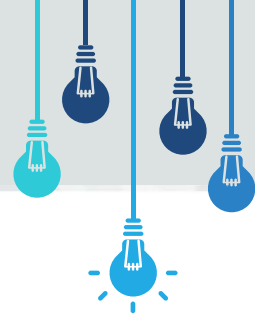
➤ Les candidats devront fournir

- 1) La preuve de l'évaluation réglementaire des médicaments et/ou des dispositifs médicaux pour se rapprocher du marché
- 2) Gagner la confiance des utilisateurs (professionnels de la santé et patients), des investisseurs et des parties prenantes de l'industrie et des universités, 3) développer le cadre des normes, protocoles et ressources partagées nécessaires pour évaluer la sécurité et l'efficacité des dispositifs médicaux et/ou médicaments.

➤ Acteurs clés

- Les utilisateurs (professionnels de la santé et patients), investisseurs et parties prenantes de l'industrie et du monde universitaire
- la participation des PME est fortement encouragée
- Les biobanques
- Les organismes de réglementation

# SC1-DTH-06-2020-Accelerating the uptake of computer simulations for testing medicines and medical devices



**Budget total: 32 M€**

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- ❖ 4 à 5 projets financés
- ❖ Type d'action: RIA

**22 avril 2020**

Dépôt en 1 étape

Analyse  
du PCN

## COMMENTAIRES

- Les connaissances et les rôles nécessaires à la constitution d'un consortium solide:

toxicology

Medicine

Biology

tissue mechanics

computational modeling

Physiology

Pharmaceutics

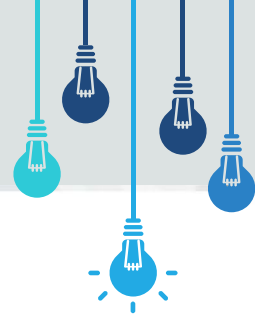
Pharmacology

-omics (genomics, epigenomics,  
metabolomics)

systems biology



# SC1-DTH-06-2020-Accelerating the uptake of computer simulations for testing medicines and medical devices



## CONTEXTE POLITIQUE EUROPEEN

Commission Staff Working Document - Accompanying the document REPORT FROM THE COMMISSION TO THE EUROPEAN PARLIAMENT, THE COUNCIL, THE EUROPEAN ECONOMIC AND SOCIAL COMMITTEE AND THE COMMITTEE OF THE REGIONS In accordance with Article 58 of Directive 2010/63/EU on the protection of animals used for scientific purposes

Commission Regulation (EU) No 900/2014 of 15 July 2014 amending, for the purpose of its adaptation to technical progress, Regulation (EC) No 440/2008 laying down test methods pursuant to Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) Text with EEA relevance

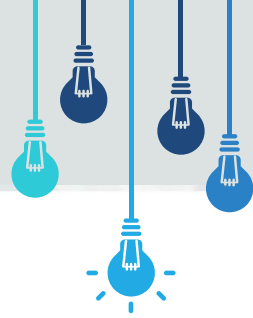
COMMUNICATION FROM THE COMMISSION TO THE EUROPEAN PARLIAMENT AND THE COUNCIL on the animal testing and marketing ban and on the state

## AUTRE INITIATIVES

Publication: « In silico clinical trials: how computer simulation will transform the biomedical industry » : <http://eprints.whiterose.ac.uk/99981/> (2016)



# SC1-DTH-06-2020-Accelerating the uptake of computer simulations for testing medicines and medical devices



## EXEMPLE DE PROJETS DÉJÀ FINANCES

Ce sujet d'appel est nouveau.

Les programmes de recherche et d'innovation ont déjà alloué un budget au développement et à l'amélioration de méthodes in silico telles que :

SC1-PM-16-2017: In-silico trials for developing and assessing biomedical products  
(projects funded: INSIST - REPO- trial – InSilc – SILICOFCM – STriTuVaD)

SC1-PM-17-2017 - Personalised computer models and in-silico systems for well-being:  
(Projects funded: Projects funded OACTIVE - DynaMORE - Back-UP - PRECISE4Q – BOUNCE)


SC1-DTH-07-2018 - Exploiting the full potential of in-silico medicine research for personalised diagnostics and therapies in cloud-based environments

(Projects funded: PRIMAGE – VirtualBrainCould)

CSA ICT-2013.5.2 -Virtual Physiological Human

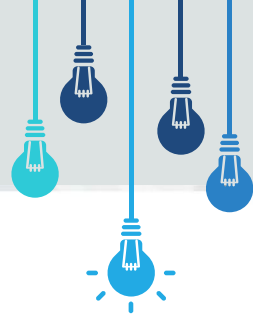
IMI1-Call 1 - Expert systems for in silico toxicity prediction (See eTOX)

**S'inscrit dans le cadre d'EOSC → données ouvertes, réutilisables etc.**



Analyse  
du PCN

# SC1-DTH-06-2020-Accelerating the uptake of computer simulations for testing medicines and medical devices



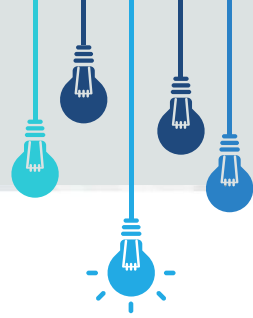
## EXEMPLE DE PROJETS DÉJÀ FINANCES

Voir le [Avicenna roadmap](http://avicenna-isct.org/wp-content/uploads/2016/01/AvicennaRoadmapPDF-27-01-16.pdf) : <http://avicenna-isct.org/wp-content/uploads/2016/01/AvicennaRoadmapPDF-27-01-16.pdf>

Avicenna était un projet de 2 ans financé par l'UE, qui s'est déroulé entre Oct 2013 et Sept 2014. Le but du projet était de créer une feuille de route pour la recherche et le développement technologique décrivant une stratégie pour les essais cliniques in silico. Le VPHi était l'un des partenaires du projet, avec l'Université de Sheffield, Linkeus et Obsidian, chargé de développer une alliance pré-compétitive pour les essais cliniques in silico.



# SC1-DTH-06-2020-Accelerating the uptake of computer simulations for testing medicines and medical devices



## EVENEMENTS A VENIR

The H2020 project [EUSTANDS4PM](#) coordination action (01-01-2019 to 31-12-2021)

(Un cadre européen de normalisation pour l'intégration des données et les modèles in silico pilotés par les données pour la médecine personnalisée) organise un atelier des parties prenantes en tant qu'événement satellite de la réunion annuelle COMBINE (modélisation informatique en biologie) le 18 juillet.

[http://co.mbine.org/events/COMBINE\\_2019](http://co.mbine.org/events/COMBINE_2019)

CompBioMed Conference 2019: 25-27 September, 2019, London

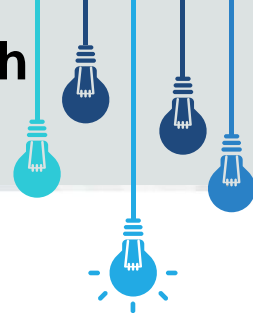
<https://www.compbiomed-conference.org/>

VPH2020, Aug 26-28th, 2020 Paris

<http://vph-conference.org/>



# SC1-DTH-14-2020 Pre-commercial Procurement for Digital Health and Care Solutions



**Budget total: 9 M€**

- ❖ 4 à 5 M€ par projet
- ❖ 2 projets financés
- ❖ Type d'action: PCP

**22 avril 2020**

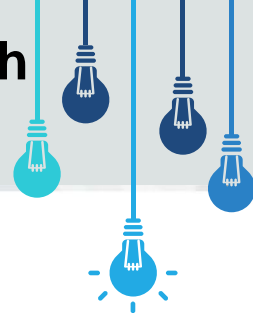
Dépôt en 1 étape

## SPECIFIC CHALLENGE

- Digital solutions supporting a continuum of care across a range of health and care services can relieve the pressure on governments to provide more cost-effective health and care systems by improving the use of healthcare and health outcomes.
- In this context the challenges are to 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-14-2020 Pre-commercial Procurement for Digital Health and Care Solutions



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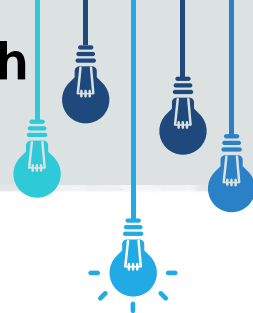
Dépôt en 1 étape



## SCOPE

- Support the health and care service provider to procure the development of digital services that can facilitate the transition to integrated care models across health and social services and country-specific cross-institutional set-ups, including decentralised procurement environments and collaboration across institutions
- Key challenges that could be addressed are patient empowerment, self-management, Patient safety, patient involvement, chronic disease management, diagnosing, hospital logistics, skills and independent living.
- These challenges could be addressed by ICT-based solutions such as, e-Health, telemedicine, and mHealth, to be defined through the market consultation process.
- This should result in early adoption and demonstration of the potential for scaling-up the services and positive impact with evidence of appropriate incentives of various actors.

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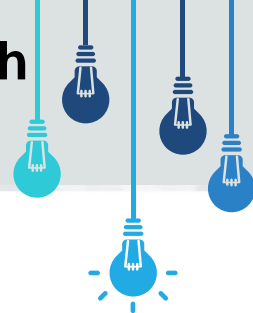
Dépôt en 1 étape

## SCOPE

- Focus on interoperable solutions based on open platforms, best practices and standardisation initiatives
- Facilitate the early adoption and transferability
- Ensure compliance with ethical standards, patients' rights and privacy protection.



# SC1-DTH-14-2020 Pre-commercial Procurement for Digital Health and Care Solutions



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**22 avril 2020**

Dépôt en 1 étape

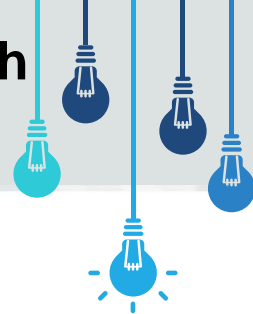
## EXPECTED IMPACT

- Established path to innovation, evidence of benefits of disruptive technologies that can support the development of sustainable business models, improved user and market engagement, strengthened procurement community, evidence of healthy innovation ecosystem including researchers, users, eHealth and other solution providers and procurers. Evidence in key performance areas i.e., quality in health and care, sustainability of the delivery system and economic value.
- Increased opportunities for solution uptake across wider international procurement markets by aiming at interoperable solutions that are validated through field testing by participating procurers in multiple countries across Europe and contribution to standardisation where relevant.





# SC1-DTH-14-2020 Pre-commercial Procurement for Digital Health and Care Solutions



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- ❖ Type d'action: PCP

**22 avril 2020**

Dépôt en 1 étape

Analyse  
du PCN

## COMMENTAIRES

### Activités éligibles

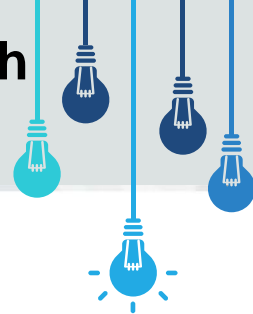
1/ Phase de préparation

- ✓ Analyse du besoin des utilisateurs finaux
- ✓ Consultation du marché
- ✓ Signature du « joint procurement agreement » dans le cas d'un groupe d'acheteurs
- ✓ Confirmation de l'acheteur « lead »

2/ Phase d'exécution

Mise en œuvre du PCP ou du PPI et des contrats avec le ou les fournisseurs (dont la validation et la comparaison des offres reçues)

# SC1-DTH-14-2020 Pre-commercial Procurement for Digital Health and Care Solutions



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**22 avril 2020**

Dépôt en 1 étape

Analyse  
du PCN

## COMMENTAIRES

### Participants

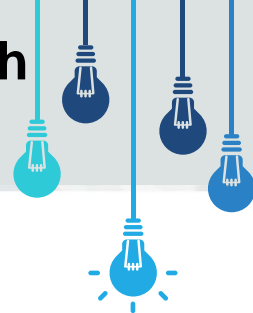
Au moins deux entités légales qui sont des acheteurs publics dans le consortium, établies dans deux Etats-Membres ou Associés différents  
D'autres entités dont la participation est justifiée peuvent participer dans des activités additionnelles

→ Plus d'information : [https://ec.europa.eu/research/participants/data/ref/h2020/other/wp/2018-2020/annexes/h2020-wp1820-annex-ga\\_en.pdf](https://ec.europa.eu/research/participants/data/ref/h2020/other/wp/2018-2020/annexes/h2020-wp1820-annex-ga_en.pdf)

Partenaires clés :

- (Public) Procurers
- Hospital clusters, care services providers
- Patients & their communities

# SC1-DTH-14-2020 Pre-commercial Procurement for Digital Health and Care Solutions



## EXEMPLE DE PROJETS DÉJÀ FINANCÉS

SC1-HCO-12-2018 : *Innovation in healthcare - a CSA towards using pre-commercial procurement and public procurement of innovative solutions in healthcare systems*

→ **EURIPHI** : EUROpean wide Innovative Procurement of Health Innovation  
consortium d'acheteurs publics réunis pour réfléchir et proposer des méthodes pour des « procurements » efficaces et de valeur

3 partenaires français :

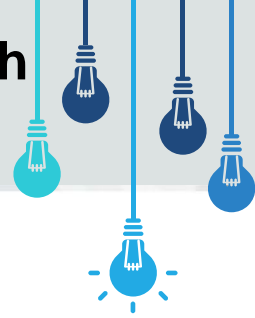
- ✓ GROUPEMENT DE COOPERATION SANITAIRE-UNION DES HOPITAUX POUR LES ACHATS
- ✓ RESEAU DES ACHETEURS HOSPITALIERS IDF
- ✓ ASSISTANCE PUBLIQUE - HOPITAUX DE PARIS

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

→ **PIPPI** : Platform for Innovation of Procurement and Procurement of Innovation  
Ce projet rassemble des experts à la fois du côté de l'offre et de la demande pour identifier les besoins clinique communs pour des solutions numériques en santé. 7 hôpitaux européens forment ce consortium qui a développé un réseau de partenaires pour identifier des bonnes pratiques et développer des outils pour la mise en place de « procurements » efficaces

Analyse  
du PCN

# SC1-DTH-14-2020 Pre-commercial Procurement for Digital Health and Care Solutions

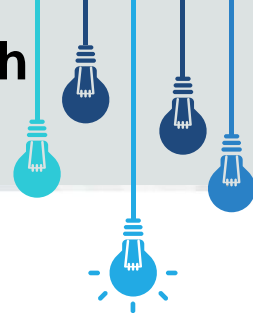


## EXEMPLE DE PROJETS DÉJÀ FINANCÉS

MAFEIP : Outil en ligne développé dans le cadre de l'initiative EIP AHA. Il permet d'estimer les résultats économiques et en terme de santé d'une large variété d'outils TIC (nouveau parcours de soins, appareils, modèles organisationnel etc ...)



# SC1-DTH-14-2020 Pre-commercial Procurement for Digital Health and Care Solutions



## EXEMPLE DE PROJETS DÉJÀ FINANCÉS

SC1-PM-12-2016: eHealth innovation in empowering the patient (PCP)


[Voir les projets financés](#)

PHC-27-2015: Self-management of health and disease and patient empowerment supported by ICT

[Voir les projets financés](#)

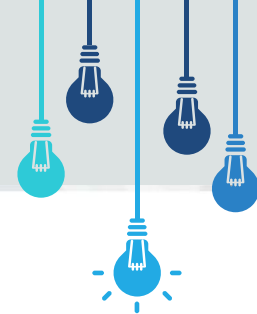
Tous les PCP et PPI déjà financés sont listés sur cette page :

<https://ec.europa.eu/digital-single-market/en/eu-funded-projects>

A lightbulb icon with radiating lines, enclosed in a grey speech bubble shape pointing to the right.

Analyse  
du PCN

# INNOVATION PROCUREMENT



## ÉVÈNEMENT DE PARTENARIAT DÉDIÉ

- Partnering workshop for new innovation procurement calls in health domain

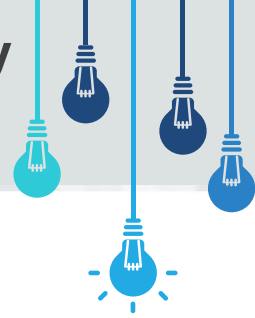
17 octobre 2019, Bruxelles - 80 participants maximum

**Information et inscription** : <https://ec.europa.eu/digital-single-market/en/news/partnering-workshop-new-innovation-procurement-calls-health-domain>

**CROSS-BORDER INNOVATION  
PROCUREMENT IN HEALTH**

EU funding opportunities & best practices

# SC1-HCC-07-2020-Support for European eHealth Interoperability roadmap for deployment



**Budget total: 3 M€**

- ❖ Jusqu'à 3M€ par projet
- ❖ 1 projet financé
- ❖ Type d'action: CSA

**13 nov 2019**

Dépôt en 1 étape



## SPECIFIC CHALLENGE

- Large amounts of valuable health data are generated and recorded concerning E citizens. Proposers need to take advantage of (big) health data, both clinical and citizen-generated, to improve healthcare and advance research
- Interoperability of digital platforms and solutions, making data accessible in an actionable form for exchange and portability is required to pave the way for better health outcomes and treatments. Project needs to overcome data fragmentation in healthcare through enabling better access to data, data exchange and interoperability
- Efforts have been and are still invested in standardisation and harmonisation (including common clinical models, tools and agreed approaches), privacy and security (including data access and data integrity) and communication (towards citizens, patients and healthcare providers)
- Bring together stakeholders and expertise to promote eHealth cross-border interoperability

# SC1-HCC-07-2020-Support for European eHealth Interoperability roadmap for deployment



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**13 nov 2019**

Dépôt en 1 étape

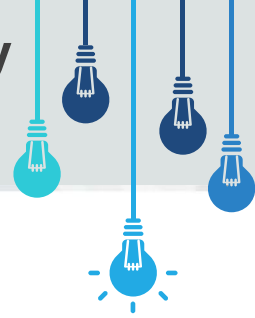


## SCOPE

- Building on outcomes of related activities and projects
- Support deployment and monitoring of eHealth interoperability in real life interoperable digital platforms and solutions for cross border use
- The support should comprise a coherent package of activities that will improve the deployment of interoperable eHealth solutions and platforms, with a significant number of citizens in several Member States accessing and providing their own health data in platforms
- Enable significant number of citizens in several Member States to access and share their health data
- Consider the cross-border interoperability of EHR, empower citizens and comply with relevant legislation (GDPR, NIS Dir.) be guided by strong and systemic contributions for better data and better computational approaches to advance disease prevention and personalised medicine
- Build on the EC Recommendation on the European EHR exchange format and relevant activities of the eHealth Network



# SC1-HCC-07-2020-Support for European eHealth Interoperability roadmap for deployment



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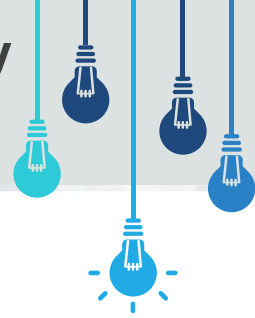
Dépôt en 1 étape



## EXPECTED IMPACTS

- Citizen-centred secure electronic health data use
- Cross-border and inter-institutional interoperability solutions
- Improved health conditions, healthy working conditions and quality of life and health economics and occupational health
- Citizens' management of own healthy life continuum across borders, actors and confinements
- Accessibility, control and portability of health data for citizens
- Open, extensible and harmonisation-based citizen health records solution for service and app developers
- Easy and safe for citizens to provide and donate their health data for research
- Requirements, specifications and guidelines for the exchange of images, image reports, laboratory results and discharge letters
- Support integration with tools and services under the Digital Service Infrastructure supported by the Connecting Europe Facility

# SC1-HCC-07-2020-Support for European eHealth Interoperability roadmap for deployment



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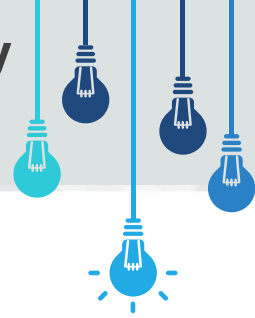
Dépôt en 1 étape

## COMMENTAIRES

- Subventions : les bénéficiaires peuvent apporter un soutien à des tiers sous forme de subventions ou de prix
- Demande prévue : jusqu'à 3 millions d'EUR (soumission de montants différents autorisée)

Analyse  
du PCN

# SC1-HCC-07-2020-Support for European eHealth Interoperability roadmap for deployment

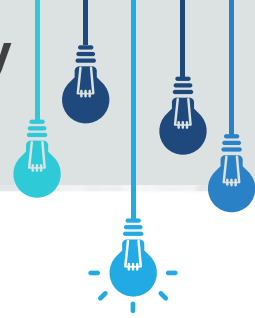


## CONTEXTE POLITIQUE EUROPEEN

- European Commission, Communication on enabling the digital transformation of health and care in the Digital Single Market; empowering citizens and building a healthier society, COM(2018) 233, 24/04/2018
- European Commission, Recommendation on a European Electronic Health Records Exchange Format, C(2019) 800, 6/02/2019
- See H2020 topics PHC 34 – 2014, HCO-14-2016, HCO-15-2016, SC1-DTH-08-2018 278 Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data, and repealing Directive 95/46/EC (General Data Protection Regulation): <http://eurlex.europa.eu/eli/reg/2016/679/oj> 279 Directive (EU) 2016/1148 of the European Parliament and of the Council of 6 July 2016 concerning measures for a high common level of security of network and information systems across the Union: <http://eur-lex.europa.eu/eli/dir/2016/1148/oj> 280 <https://ec.europa.eu/digital-single-market/en/news/recommendation-european-electronic-health-recordexchange-format>



# SC1-HCC-07-2020-Support for European eHealth Interoperability roadmap for deployment

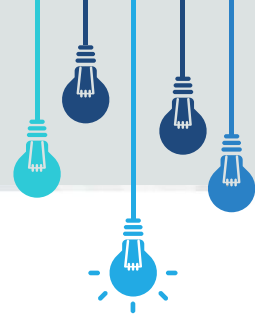


## EXEMPLE DE PROJETS DÉJÀ FINANCÉS

- PHC-34-2014: eHealth interoperability <https://cordis.europa.eu/programme/rcn/665205/en>  
ASSESS CT, OPEN MEDICINE, eSTANDARD, VALUeHEALTH,
- SC1-HCO-15-2016: EU eHealth Interoperability conformity assessment <https://cordis.europa.eu/programme/rcn/700407/en>  
EURO-CA EU
- SC1-DTH-08-2018: Prototyping a European interoperable Electronic Health Record (EHR) exchange <https://cordis.europa.eu/programme/rcn/703803/en>  
InteropEHRate, Smart4Health



# SC1-HCC-08-2020 Scaling up innovation for active and healthy ageing



**Budget total: 2 M€**

- ❖ 1,5 à 2M€ par projet
- ❖ 1 projet financé
- ❖ Type d'action: CSA

**22 avril 2020**

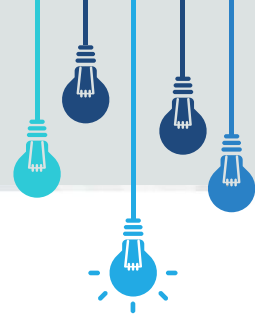
Dépôt en 1 étape



## SPECIFIC CHALLENGE

- The specific challenge is to facilitate active contributions (in the form of institutional, technological and behavioural change) from all stakeholders to continue on a path towards large-scale deployment of innovative solutions for active and healthy ageing
- Active involvement of partners from the European Innovation Partnership on Active and Healthy Ageing as well as from other EU relevant stakeholder groups and R&I projects to facilitate further uptake
- Successful support to supply and demand sides (also facilitating regular exchanges) in implementing scaling up strategies for innovative solutions (technology, integration of health and social care, systemic change)
- Focus on the development and implementation of long-term strategy leveraging and blending funding sources from EU, national and/or regional programmes, promotional banks and private investments, also involving new players and partners
- Financial support tasks for upscaling measures and large-scale deployment should be defined (including twinning programmes and capacity building for local and regional authorities)
- Set of recommendations or guidelines for public health authorities Fields:
  - mHealth solutions for active and healthy ageing,
  - smart age-friendly homes and independent living,
  - chronic disease management

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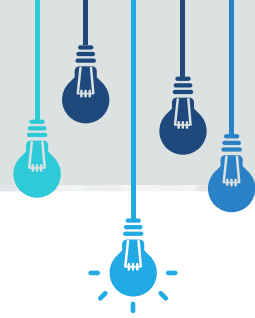
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## SCOPE

- Define mechanisms to facilitate further uptake by actively involving partners from the European Innovation Partnership on Active and Healthy ageing as well as other relevant stakeholder groups (e.g. Joint Programming Initiative on More Years Better Lives, Active and Assisted Living programme, EIT Digital and EIT Health),
- Development and implementation of a long-term investment strategy, which would leverage and blend funding sources, from European, national and/or regional programmes/promotional banks as well as private investments
- Build on previous actions and have a clear focus on the successful support to supply and demand sides in implementing scaling up strategies for innovative solutions (technology, integration of health and social care, systemic change).
- In particular, complementarity and consistency should be ensured with the outcomes, guidelines and strategies delivered in projects funded from SC1-HCO-17-2017 ("Support for large scale uptake of Digital Innovation for Active and Healthy Ageing"), SC1-HCC-01-2018 ("Supporting investment in smart living environments for ageing well through certification") and SC1-HCC-05-2018 ("Support to a Digital Health and Care Innovation initiative in the context of Digital Single Market strategy").

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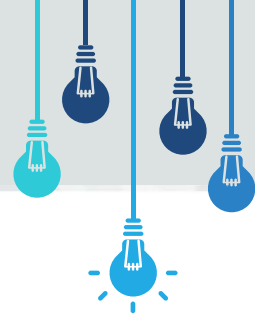
Dépôt en 1 étape



## SCOPE

- Must set up a cooperation mechanism facilitating regular exchanges between the demand (both public and private procurers) and supply (including SMEs and start-ups) sides to identify the difficulties innovators may experience in scaling up solutions across borders in the EU and define measures to improve cross-border deployment of these solutions
- A particular focus should be on the development and implementation of a long-term investment strategy, which would leverage and blend funding sources, from European, national and/or regional programmes/promotional banks as well as private investments, and involve new players and partners.
- Financial support for upscaling measures and large-scale deployment should be considered in the tasks to be defined for the Coordination and Support Action. These should include twinning programmes and capacity building for local and regional authorities.
- Create a clear and coherent set of recommendations or guidelines for public health authorities in Europe together with a strategy to support their implementation.

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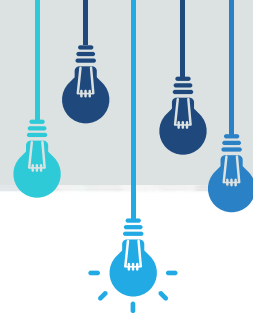


## EXPECTED IMPACTS

- Accelerated progress on scaling-up digital innovation for active and healthy ageing across the EU.
- Contribution of the policy activities to i) The Quality of Life of the EU population, ii) The Sustainability of Health and Care delivery and iii) Economic growth and job-creation
- Increased levels of investment by public authorities and private investors in digital innovation for health and active ageing.
- Wider commitment to investment leading to successful and cost-effective implementation of digitally-enabled, person-centered care solutions
- Enhanced market conditions that can facilitate economies of scale for the suppliers of technology and services



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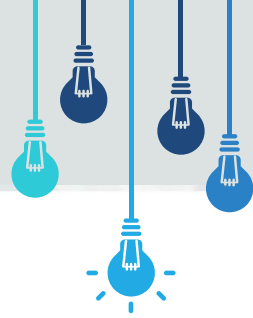
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Analyse  
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## COMMENTAIRES

- Cette action devrait permettre d'élaborer et d'appliquer des stratégies centrées sur l'utilisateur pour la mise en œuvre de solutions transformatrices et la gestion du changement, en particulier dans les domaines suivants : Solutions mHealth pour un vieillissement actif et en bonne santé : des maisons intelligentes adaptées aux personnes âgées et à la gestion des maladies chroniques dans le cadre de la vie autonome
- Partenaires clés : Partenaires du partenariat européen d'innovation sur le vieillissement actif et en bonne santé ainsi que d'autres groupes d'acteurs concernés (par exemple, l'initiative de programmation conjointe pour une vie meilleure et plus longue, le programme de vie active et assistée, le programme EIT Digital et EIT Health), et projets de recherche et d'innovation, aux niveaux européen, national et régional.
- Fortement recommandé pour votre consortium : Industrie (y compris les PME) Autorités de santé publique, et professionnels/organisations de la santé et des soins de santé

# SC1-HCC-08-2020 Scaling up innovation for active and healthy ageing



## CONTEXTE POLITIQUE EUROPEEN

### BLUEPRINT

<https://ec.europa.eu/digital-single-market/en/blueprint-digital-transformation-health-and-care-ageing-society>

### SCALE

<http://www.scale-aha.eu/home.html>

favoriser l'intensification des innovations dans le domaine du vieillissement actif et en bonne santé en associant les parties prenantes du partenariat européen d'innovation sur le vieillissement actif et en bonne santé (EIP sur AHA).

### DSM

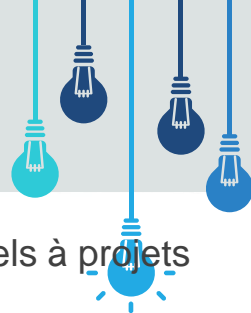
<https://ec.europa.eu/digital-single-market/en/policies/shaping-digital-single-market>





Recherche de partenaires

# Recherche de Partenaires



Nouvelle page dédiée à la publication d'offres et de recherche d'expertises pour des appels à projets identifiés sur le site [h2020.gouv.fr](http://h2020.gouv.fr)

<http://www.horizon2020.gouv.fr/cid143501/recherche-de-partenaires.html>

- Publication par topics (Défi Santé, IMI) avec renvoi vers les offres publiées directement sur le participant portal
- Publication des offres de partenaires étrangers reçues *via* le réseau des PCN Européens
- Template à télécharger directement sur la page dédiée et à renvoyer à l'adresse [pcn-sante@recherche.gouv.fr](mailto:pcn-sante@recherche.gouv.fr)
- Possibilité de diffuser les offres au sein du réseau des PCN Européens



**Webinaire** : Outils et démarche pour trouver de potentiels partenaires

Présentation en ligne et enregistrement bientôt disponible



# Wébinares

# Série de Webinaires

## Appels à projets des priorités 1 et 5 - 6 Septembre 2019 à 10h - Présentation

- SC1-BHC-06-2020: Digital diagnostics – developing tools for supporting clinical decisions by integrating various diagnostic data
- SC1-HCO-01-2020: Actions in support of the International Consortium for Personalised Medicine
- SC1-HCO-03-2020: Bridging the divide in health research and innovation – boosting return on investment
- SC1-HCO-17-2020: Coordinating and supporting research on the human microbiome in Europe and Beyond
- SC1-BHC-36-2020: Micro- and nano-plastics in our environment: Understanding exposures and impacts on human health

## Appels à projets des priorités 2 et 4: 19 Septembre 2019 à 10h - Présentation

- SC1-BHC-11-2020: Advancing the safety assessment of chemicals without the use of animal testing
- SC1-HCO-18-2020: Developing methodological approaches for improved clinical investigation and evaluation of high-risk medical devices
- SC1-HCO-19-2020: Reliable and accessible information on cell and gene-based therapies
- SC1-BHC-37-2020: Towards the new generation of clinical trials – trials methodology research
- SC1-HCO-20-2020: Coordination of clinical research activities of the European Reference Networks

## Appels à projets de la priorité 3: 4 Septembre à 14h - Présentation

- SC1-BHC-17-2020: Global Alliance for Chronic Diseases (GACD) – Prevention and/or early diagnosis of cancer
- SC1-BHC-20A-2020: Pre-Commercial Procurement for integrated care solutions
- SC1-BHC-20B-2020: Public Procurement of innovation solutions for diagnostics for infectious diseases
- SC1-BHC-33-2020: Addressing low vaccine uptake
- SC1-BHC-34-2020: New approaches for clinical management and prevention of resistant bacterial infections in high prevalence settings
- SC1-BHC-35-2020: Creation of a European wide sustainable network for harmonised large-scale clinical research studies for infectious disease

# Série de Webinaires

## **Appels à projets de la priorité 6- 1 (DG CNECT): 19 Septembre 2019 à 14h - Présentation**

- SC1-DTH-02-2020: Personalised early risk prediction, prevention and intervention based on Artificial Intelligence and Big Data technologies
- SC1-DTH-04-2020: International cooperation in smart living environments for ageing people
- SC1-DTH-06-2020: Accelerating the uptake of computer simulations for testing medicines and medical devices
- SC1-DTH-14-2019-2020: Pre-commercial Procurement for Digital Health and Care Solutions
- SC1-HCC-07-2020: Support for European eHealth Interoperability roadmap for deployment
- SC1-HCC-08-2020: Scaling up innovation for active and healthy ageing

## **Appels à projets de la priorité 6- 2 (DG CNECT): 10 Septembre 2019 à 10h - Présentation**

- SC1-DTH-12-2020: Use of Real-World Data to advance research on the management of complex chronic conditions
- SC1-HCC-09-2020: Supporting deployment of eHealth in low and lower middle income countries in Africa for better health outcomes
- SC1-HCC-10-2020: Towards a Health research and innovation Cloud: Capitalising on data sharing initiatives in health research
- SC1-HCC-06-2020: Coordination and Support to better data and secure cross-border digital infrastructures building on European capacities for or genomics and personalised medicine
- DT-TDS-04-2020: AI for Genomics and Personalised Medicine
- DT-TDS-05-2020: AI for Health Imaging

Ces webinaires seront consultables en ligne sur [le site du PCN Santé](#)