

Oportunitats Internacionals en Compra Pública d'Innovació del sector Salut

6 de Març del 2018



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Annex – Fitxes Oportunitats Salut en CPInn

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Regenerative Medicine at the Front Line

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Coordinator: Defence
Science and Technology
Laboratory (Defence and
Security Accelerator)

PROJECT/OBJECTIVES

The Defence and Security Accelerator themed competition “regenerative medicine at the front line” is seeking proposals for regenerative technologies that can be applied very early after severe, traumatic injury resulting from combat or acts of terrorism.

The outputs would be developed for use by the UK's Defence Medical Services and other organisations who deliver trauma care.

The Defence and Security Accelerator seeks to make a real difference in saving lives and reducing disability following serious injury through two challenge areas:

- Bioengineered blood and blood components.
- The preservation and regeneration of soft tissue using biophysical approaches.

TENDER

The **1st Phase** of the Open Call includes:

- £500,000 allocated to 5-7 feasibility research projects (up to £100,000 per project).

The **2nd Phase** of the Open Call includes:

- At least £500,000 awarded to the best projects from the 1st Phase.

Submit your proposal here until **11th April 2018**, 12:00pm. Read the submission guidance here.

For more information, read the guidance, and the Accelerator's terms & conditions.

EVENTS/NEWS

- **1 February 2018:** Briefing at the Accelerator Innovation Network event in Bristol
- **5 February 2018:** Webinar (timings to be confirmed)
- **11 April 2018:** Competition closes at 12:00pm
- **17 May 2018:** Phase 1 funding decision made
- **Mid-June 2018:** Phase 1 contracts awarded & Feedback provided
- **December 2018:** Phase 1 collaboration/networking event
- **May-June 2019:** Phase 1 demonstration /presentation event
- **17 June 2019:** Final report delivery and Phase 2 proposal deadline
- **30 July 2019:** Phase 2 funding decisions made

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DSTLRegenDefenceAccelerator@dstl.gov.uk (Technical)

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<https://www.gov.uk/government/publications/accelerator-competition-regenerative-medicine-at-the-front-line/competition-document-regenerative-medicine-at-the-front-line>

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Technology for monitoring risk management at home

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Coordinator: Glasgow's
Health and Social Care
Partnership, Innovate UK



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PROJECT/OBJECTIVES

Due to current market pressures in the social care sector there is compelling evidence of the need to develop care services using digital technology, known as 'telecare'. This solution should allow citizens to live independently within their own home and minimise the need for intervention or escalation by care agencies.

A number of existing solutions are already being used within the digital health sector. Examples of new technology includes ambient sensors, GPS trackers and video technology. Although these products work in isolation, they do not currently combine with the main telecare platform used in Glasgow.

TENDER

Phase 1: Technical feasibility

- Projects can range in size up to a total cost of £30,000 (including VAT) and should last up to 6 months. Total funding available is up to £150,000.

Phase 2: Prototype development and testing

- Projects can range in size up to a total cost of £150,000 (including VAT) and should last up to 12 months. Total funding available is £300,000.

[Register here](#) until **25th April 2018** and submit your proposal by **2nd May 2018 12pm**.

For more information, read the [guidance](#).

EVENTS/NEWS

- 19 February 2018:** Competition opens
- 14 March 2018:** Briefing event in Glasgow (Register [here](#))
- 25 April 2018:** Registration closes at 12:00pm
- 2 May 2018:** Competition closes at 12:00pm
- 31 July 2018:** Phase 1 Contracts awarded & feedback provided.

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[apply-for-innovation-funding.service.gov.uk/
competition/119/overview](http://apply-for-innovation-funding.service.gov.uk/competition/119/overview)

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PROJECT/OBJECTIVES

LIVE INCITE aims to empower patients and support lifestyle changes in order to improve outcomes of surgical procedures as well as cost effectiveness of healthcare providers.

LIVE INCITE applies services based on ICT technologies that can empower hospitalized patients, outpatients and their families/carers to support a continuum of care across a range of services. The EU funded project, through Horizon2020, is a collaboration between Sweden, Spain and Denmark.

For more information, read the [Introduction to the Challenge](#) & the [Behaviour change Theory](#).

Coordinadora:

Karolinska University Hospital in Stockholm

Socis: Hospital Clinic in Barcelona and Bispebjerg/
Frederiksberg Hospital in Copenhagen.



EVENTS/NEWS

- **Open Market Consultation:** in Stockholm on May 9th 2017 [[Video](#)]
- **Request for Tenders:** Register [here](#) until **16 March 2018, 23:59 GMT+1**
- **Q&A** will be published during the tendering period at: www.upphandling.sll.se
- Interested in forming a collaboration, read all information [here](#)



TENDER

Phase	Expected duration	Expected budget	R&D providers	Budget/provider
Solution design	12 weeks	300.000 €	4-7	75.000 €
Prototype development	25 weeks	1.200.000€	3-4	400.000€
Original development	28 weeks	1.500.000€	2-3	750.000€



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<http://karolinska.se/en/live-incite>

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New Organ: Liver Prize

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NEW ORGAN
LIVER PRIZE

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Coordinador: New Organ

PROJECT/OBJECTIVES

Around the world, millions of people need replacement organs, and many die before finding a suitable donor. In the United States, the wait list has skyrocketed while the number of available organs has stayed relatively flat. Even those fortunate enough to find an organ in time face serious medical difficulties, often for the rest of their lives.

The growing field of regenerative medicine offers many potential solutions, but it is drastically underfunded compared to more established areas of medicine. We're developing a challenge prize series to spur innovation in whole organ regeneration, engineering, and preservation and to help draw popular attention to this vital cause.

EVENTS/NEWS

- **Prize Launch:** December 2013
- **Intent to Participate:** Submit an Intent to Participate statement to the Methuselah Foundation.
- **Team Registration:** Groups recognized as Official Team participating in the challenge must complete the form and submit it to info@neworgan.org (must be submitted a minimum of six months before the team wishes to begin their trials.)
- **Team Trial Application Submission:** Submit the Team Trial Application documents to the judging committee a minimum of 90 days before they wish to start their trial.
- **Trials:** the team will begin the trial for the New Organ Liver Prize at an agreed upon date with the judging committee.
- **Deadline:** teams must complete all trials necessary to win the prize (including the 90-day survival period for the animal host) before **December 31st, 2018.**

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<https://neworgan.org/liver-prize.php>

TENDER

The New Organ Liver Prize will award **\$1,000,000** and marketing recognition to the first team that creates a regenerative or bioengineered solution that keeps a large animal alive for 90 days without native liver function. The prize will be to solutions that **replace the liver**. Learn more about the rules [here](#).

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3-D Retina Organoid Challenge 2020

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Coordinador:
National Eye Institute



PROJECT/OBJECTIVES

The **National Eye Institute (NEI)**, is seeking in vitro, stem-cell derived 3-D human retina organoids. The goal of the challenge is to **generate concrete prototypes of 3-D systems** that model the cellular organization and function of the human retina.

Reviewers will be asked to use the following criteria when evaluating whether (in the form of results, graphs, images, etc.) a prototype 3-D human retina organoid meets evaluation criteria.

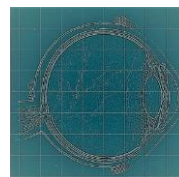
Significant advances over currently available protocols in areas such as duration of culture, yield, and maturity/differentiation of all cell types in appropriate numbers and ratio. For more information read the [Challenge Details](#)



EVENTS/NEWS

2 opportunities to submit solutions and win prizes (phase 1 & 2)

- **February 14, 2018:** The Challenge begins.
- **September 4, 2018 – October 1, 2018:** Phase 1 submission period.
- **October 2, 2018 – November 30, 2018:** Phase 1 judging period.
- **December 2018:** Phase 1 winners announced
- **February 14, 2020 – March 2, 2020:** Phase 2 submission period.
- **March 3, 2020 – April 30, 2020:** Phase 2 judging period.
- **May 2020:** Phase 2 winners announced.



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<https://nei.nih.gov/content/about-3-d-retina-organoid-challenge>

TENDER

The **1st Phase** of the Challenge includes:

- Up to 6 winners awarded **\$100,000**

The **2nd Phase** of the Challenge includes:

- Up to 3 winners awarded **\$400,000**

[Register here](#) until **1st October 2018** using the [Application Template](#). For more information [click here](#).



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Código100

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Socios: Ministerio de Economía y Competitividad, Xunta de Galicia, Servizo Galego de Saúde, Acis

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PROJECT/OBJECTIVES

Código100 es un plan de innovación centrado en el **envejecimiento**, una de las máximas prioridades de la Xunta de Galicia con un presupuesto total de 13M€, **9,1 M€** (70%) en CPI.

TENDER

Terapias [\[ficha de avance\]](#)

Nuevas terapias y dispositivos, servicios y protocolos que respondan a las principales prioridades asistenciales y sociosanitarias de Galicia en el en el ámbito de la medicina personalizada. Así, como reducir los costes de farmacia. Presupuesto aproximado: 5M€.



Empoderamiento de Pacientes [\[ficha de avance\]](#)

Proyectos destinados a fortalecer los derechos y las capacidades de las personas desplegando una plataforma digital de comunicación desde el hogar del paciente, residencias y farmacias. Presupuesto aproximado: 4M€.

Gestión de Profesionales [\[ficha de avance\]](#)

Iniciativas que incrementen las competencias de los profesionales, modernicen el sistema y fomenten una cultura innovadora desarrollando una plataforma tecnológica de gestión del conocimiento. Presupuesto aproximado: 4M€.



EVENTS/NEWS

12 julio 2017: Jornada de presentación del Mapa de Demanda Temprana del Plan de Innovación Sanitaria Código 100 [\[+info\]](#)

6 Abril 2017: Jornada de Consulta de Mercado. [\[+info\]](#)

2018: Accede a la plataforma y presenta tu idea

<http://ideascodigo100.sergas.gal>



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codigo100@sergas.es

Descárgate la App
ACIS Eventos



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ProEmpower

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OBJECTIVES

ProEmpower is a project to buy R&D services to improve the treatment and self-management of diabetes type 2 patients using a Personalised Diabetes Management Solution.

This project has received funding from the European Union's Horizon 2020 research and innovation programme.



Socis: Ministry of Health (Turkey), Health Service (Murcia), FFIS (Murcia), SPMS (Portugal), Misericordia da Amadora (Portugal), CPRH (Bulgaria), So.Re.SA (Campania), University of Salerno (Italy), University Hospital Federico II (Italy), Ticbiomed (Spain), Empirica (Germany)

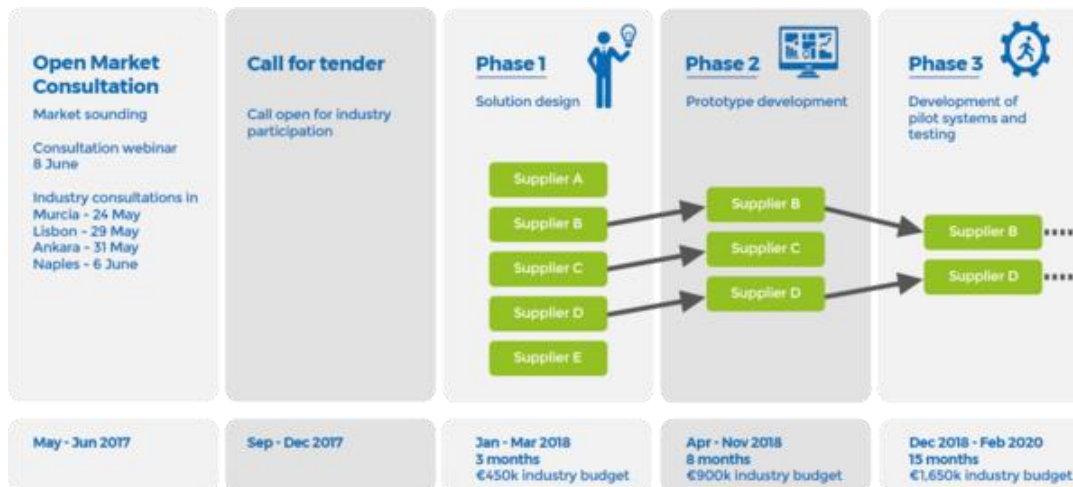
TENDER

The process starts with and Open Market Consultation and afterwards the launch of an open European-wide call for tenders. The call is expected in January 2018. Suppliers are then invited to submit proposals. After the deadline (approx. February - March 2018), proposals are reviewed and ranked. Up to 5 teams will be invited to enter into a competitive itinerary divided in 3 phases.

- Call for Tender
(Info & Deadlines)
- Suppliers profile.

Interested parties have until 12pm (CET), **21 March 2018** to **submit** a bid to

vendors@proempower-pcp.eu



NEWS

News



CONTACT

Contact – get in touch

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<http://www.proempower-pcp.eu/>

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Anti-SUPERbugs

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Coordinador: AQuAS (Agència de Qualitat i Avaluació Sanitàries de Catalunya)

Socis: Spain, Italy, Germany and UK

PROJECT/OBJECTIVES

This procurement receives funding from the European Commission Horizon 2020 Research and Innovation Programme.

ANTI-SUPERBUGS PCP challenges the market to develop solutions that when in contact with resistant microorganisms can detect their presence and give real-time feedback to the user, and at the same time share the information with the healthcare provider ICT systems, linking the infection with the place of the detection.

Anti-SUPERBugs PCP project wants to mobilize public and private purchasers and networks of users in the field of health-care associated infections to put the joint & direct procurement process in action, extending and leveraging the complementarities of the consortium partners to bring together the demand in order to create a critical mass to acquire cost-effective and fit-to-purpose solutions, whilst creating new jobs and opportunities for business growth in Europe, with particular reference to SMEs.

For more Information click [here](#)

TENDER

Budget: €4 million

Duration: mid-2018 – 2020

3 Phases:

1. Solution design
2. Prototyping
3. Original development and validation & testing of a limited set of prototype devices or prototype services within the contracting authorities.



EVENTS/NEWS

- **Call for tender:** 11/10/2017 [PIN Ted](#)
- **Market Consultation:** 15/12/2017 in Barcelona, [presentations available here](#).
- Fill in OMC questionnaire [here](#)
- **Tender Publication:** 30/04/2018



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https://contractaciopublica.gencat.cat/e_cofin_pscp/AppJava/es_ES/notice.pscp?idDoc=26810118&reqCode=viewPin&



Robotic exoskeleton for motor rehabilitation

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Coordinadors: Region Lombardia -
Directorate-General University, Research
and Open Innovation

PROJECT/OBJECTIVES

Lombardy region is starting open market consultations for new PCPs on a topic in the healthcare domain on **12 October 2017**. Rehabilitation and assistance of neurological patients by means of robotic devices: Robotic exoskeleton for motor rehabilitation in neurological patients with upper limb motor deficit.

The device must physically interact with patients exercising forces or executing movements in accordance with rehabilitation exercises defined by clinicians. In order to provide a quantitative evaluation of the specific physio pathological mechanisms, spontaneous recovery and functional ability, the device must be able to measure patients' clinical values (e.g., angular excursions, range of motion, stiffness, smoothness) during active and passive movements.

EVENTS/NEWS

Open Market Consultation [\[info\]](#)

Operators invited to take part in open market consultation.

- Announced 3rd August 2017 by [PIN](#) Ted.
- Public event of market consultation 12th October 2017 (registration until 9th October).
- Fill in [questionnaire](#) before 10th November 2017



TENDER *All documents are in Italian*

Budget: **€2,6M**

- [Introduction to PCP Lomardia](#)
- Exoskeleton Tender [Presentation](#)
- [Technical Datasheet 2](#)

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<http://www.fesr.regione.lombardia.it/wps/portal/PROUE/FESR/Eventi/DettaglioEvento/appalti-pre-commerciale-2017/appalto-pre-commerciale-2017>

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Fragility of the coronary atherosclerotic

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Coordinadors: Region Lombardia -
Directorate-General University, Research
and Open Innovation



PROJECT/OBJECTIVES

Cardiopathy and especially ischemic cardiomyopathy are one of the main causes of death. The cause of myocardial infarction, in the majority of cases, is represented by the coronary artery obstruction for the deposition of a thrombus on an atherosclerotic lesion. The described technological solution should be a non-invasive instrument that can assess the lesion of deep vessels, qualifying the morphology of the atheromatous plaques and entity of the inflammation process. The function of this method must determine the probability that the plaque can start an intravascular repair process that may cause the blockage of the vessel. The aim of the investigation consists in the visualization of an image, at the most high resolution as possible, of the investigation area and also give some values on the composition of the plaque itself.

EVENTS/NEWS

Open Market Consultation [\[info\]](#)

Operators invited to take part in open market consultation.

- Announced 3rd August 2017 by [PIN](#) Ted.
- Public event of market consultation 12th October 2017 (registration until 9th October).
- Fill in [questionnaire](#) before 10th November 2017

TENDER *All documents are in Italian*

Budget: € 2,4M

- [Introduction to PCP Lombardia](#)
- [Coronary atherosclerotic Tender Presentation](#)
- [Technical Datasheet 1](#)

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<http://www.fesr.regione.lombardia.it/wps/portal/PROUE/FESR/Eventi/DettaglioEvento/appalti-pre-commerciale-2017/appalto-pre-commerciale-2017>

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Safe bronchial aspiration

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Coordinadors: Region Lombardia -
Directorate-General University, Research
and Open Innovation



PROJECT/OBJECTIVES

Bronchial aspiration is an invasive procedure potentially associated to clinically significant complications resulting from incorrect practice. One problem is the risk of tracheal mucosa injury due to an excessive advancement of the aspiration tube beyond the lower limit of the tracheal cannula. The availability of a device with a tracheostomy cannula integrated an aspiration system could make bronchial aspiration safer, preventing clinical complications such as granulomas, infections and bleeding of tracheal mucosa, while reducing the procedure time and consumables needed, thus becoming the clinical gold standard for the management of tracheostomy patients.

TENDER *All documents are in Italian*

Budget: € 1,1M

- [Introduction to PCP Lombardy](#)
- [Bronchial aspiration Tender Presentation](#)
- [Technical Datasheet 3](#)

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EVENTS/NEWS

Open Market Consultation [\[info\]](#)

Operators invited to take part in open market consultation.

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- Fill in [questionnaire](#) before 10th November 2017

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[http://www.fesr.regione.lombardia.it/wps/portal/P
ROUE/FESR/Eventi/DettaglioEvento/appalti-pre-
commerciale-2017/appalto-pre-commerciale-2017](http://www.fesr.regione.lombardia.it/wps/portal/P
ROUE/FESR/Eventi/DettaglioEvento/appalti-pre-
commerciale-2017/appalto-pre-commerciale-2017)

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STARS: STress Avoidance and Recovery Services

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Coordinadors: Academisch
Ziekenhuis Maastricht
Socis: AQUAS, Parc Taulí,
HSJD, Laurea, Maastricht
University, Zenit



PROJECT/OBJECTIVES

STARS will invite the industry to tender for a personalized eHealth solution to reduce stress of patients related to healthcare procedures. Reduction of stress will lower harmful side-effects of sedating drugs, shorten hospital stay and relieve carers from continuous assistance. The eHealth solution will reduce stress as early as in the preclinical phase, proceeding through hospitalization until discharge. The solution should integrate experience of caregivers and allow patients to actively influence the process by expressing their state of mind and needs.

This procurement receives funding from the European Commission Horizon 2020 Research and Innovation Programme.

Find out how to get involved [here](#).

TENDER

Budget: **€4,7M** From mid-2018 to 2020

One framework agreement covering all phases.

The three phases are:

1. Feasibility study and solution design
2. Prototyping
3. Original development and validation & testing of a limited set of first products or services in operational contexts.



EVENTS/NEWS

Open Market Consultation:

- **16 November 2017** Publication of Prior Information Notice by [PIN Ted](#).
- **January 2018** Open Market consultations (5 cities).
- **February 2018:** Publication of the [Challenge Brief and Description of Uncovered Functionalities](#)
- **June 2018** Publication of tender



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