



CHERRIES
RESPONSIBLE HEALTHCARE ECOSYSTEMS

Collection of the documents – Open Call for third parties receiving financial support

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Executive summary	<p>This report is focusing on the application of the methodology and instruments to ensure an efficient process of the second of two open calls in the CHERRIES experimentation phase: the Call for Solutions. This call is embedded in the Competitive Selection of the Solution Provider task and follows the identification of the unmet needs in the healthcare sector of the pilot regions. This open tendering procedure was launched in the three territories targeting legal entities able to develop innovative solutions (product, service or social innovation) in a co-creation way with the rest of stakeholders involved in the process (Challenge proposer team, healthcare professionals, patients/end-users, policy makers and other key local actors from business innovation ecosystem).</p> <p>Each territory has primarily selected needs converted into challenges that require different type of solutions: from technical to social innovation ones. For this, the tools although common and shared among the pilots, are adapted both to these challenges to tackle and to the regional conditions and ecosystems previously mapped. This has resulted in four different calls with local specificities and requirements.</p> <p>This deliverable presents the documents used by the territorial partners to carry out the CHERRIES experimentation process from the preparation and launching of the Call for Solutions to the selection of the final Solution Providers. Three Solution Providers have been</p>



successfully selected following the established procedure in line with the RRI principles that guide the whole CHERRIES model and are getting ready to start the co-creation experiment to develop and test their innovative solutions.

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Abbreviations

AIK: Aretaeion Iatrikon Kentron LTO (CY) – CHERRIES Partner

CARM: Region of Murcia – CHERRIES Partner

CEEIM: Centro Europeo de Empresas e Innovación de Murcia - CHERRIES Partner

CSO: Civil Society Organizations

CY: Republic of Cyprus

CYRIC: Cyprus Research and Innovation Center LTD - CHERRIES Partner

EMACC: Association of Multiple Sclerosis Cartagena (ES)

ES: Spain

EU BIC: European Business and Innovation Center

OLL: Örebro Lans Landsting (Region Örebro County) - CHERRIES Partner

RRI: Responsible Research and Innovation

SE: Sweden

SMS: Murcia Health Service – CHERRIES Partner

UPCT: Polytechnic University of Cartagena (ES)

WP: Work Package

Glossary of CHERRIES terms

APPLICATION	Innovation solution proposal answering the call for solutions or call for needs. Consists of the following items: 1/ The Proposal has to follow the templates provided for this purpose; 2/ Declaration of honour duly signed, stating that this very same project proposal does not receive funds elsewhere.
CALL FOR NEEDS	Publication of an announcement inviting either organizations or individuals and generally stakeholders from the 4P model as defined in the project to submit a "need" as also defined in the project. CHERRIES methodology is a demand driven approach on healthcare innovation and the first and most important step is to properly identify and define a solid need. To define the need, the applicant has to complete the application form as designed by the consortium and adjusted accordingly in the territorial conditions. In CHERRIES, the current call is hosted in 3 different regions with different geographical, socioeconomical and healthcare characteristics.
CALL FOR SOLUTIONS	Publication of an announcement inviting innovative Start-ups, SMEs and other organizations to provide a solution addressing the unmet need that has been defined in the call for needs. To provide a solution, the applicant has to complete the application form as designed by the consortium and adjusted accordingly in the territorial conditions.
CHALLENGE PROPOSER (CP)	The organization/entity or group of organizations that propose the unmet need and frame it in the form of a challenge. The CP also works in close collaboration with the solution provider to co-create a solution. The Challenge Proposer is directly in collaboration with the territorial partners of CHERRIES.
SELECTION COMMITTEE OF SOLUTIONS	Group of stakeholders who are responsible for selecting the challenge among all proposals submitted. The SC (selection committee) is composed by the territorial partners as well as by the experts and committees in the field of the seed and solution under examination
EVALUATION PROCESS	The call for solution evaluation process is structured in three steps: 1-Eligibility Check. A first review performed by the local partners. 2-Proposal evaluation. A SC evaluates all eligible proposals, 3- Solution Provider selection. The selected local beneficiary solution providers and their solutions' proposals are published & notified.
FUNDING/CONTRACTING BODY	Funding/Contracting organization that launches a competitive call to select the best solution provider for each territorial challenge. It also provides the economic support to the Solution Provider to carry out the development of the solution. In CHERRIES project, the Funding/Contracting body is the regional partner that has received the



	funding (through the project) and will provide it to the solution provider following the sub-agreement regulation.
SOLUTION PROVIDER	Organization that, once selected, becomes the solution provider and starts co-creation with territorial team, supporter and challenge owner.
SUBGRANT AGREEMENT	Selected Solution Providers are requested to sign a covenant document which main objective is to validate the administrative, financial and technical operational capacity and to establish some minimum ground rules for receiving support from the CHERRIES project.

Table 1. Terminologies and Definitions used in CHERRIES



1. Introduction to the Call for Solutions

The CHERRIES experiments are building on a Responsible Research and Innovation (RRI) approach, that is guiding the needs' identification, solutions' definition as well as the co-creation of solutions and their adoption. Throughout the whole process, the CHERRIES methodology aims to support healthcare actors to innovate according to RRI-based principles such as diversity and inclusion, openness and transparency, anticipation and reflection, responsiveness, and adaptability.

This deliverable presents the contents of the activities performed within the **Competitive Selection of the Solution Provider** task, embedded in the **Territorial demand-oriented policy experimentation**. This represents the second project phase in which partners conduct the policy experiments in each territory, fund a pilot action that meets a challenge (previously identified during the Need collection process, see Deliverable 4.1 Report on the identified needs¹) of the local healthcare sector with a solution (product, service or social innovation) that is co-created between the Solution Provider and sectorial stakeholders.

This task focuses on the second open call included in the CHERRIES model, the **Call for Solutions** in the three pilot ecosystems located in South-East Europe (Republic of Cyprus (CY)), South-West of Europe (Region of Murcia (ES)), and Northern Europe (Örebro (SE)). A mapping of territorial Research and innovation Healthcare ecosystems had been previously elaborated during the first phase of the project by Leiden University and can be consulted for further information on the CHERRIES pilot regions characteristics².

The Call for Solutions is then part of the co-creation model of the territorial experimentation under CHERRIES (see figure below) and follows the **Need Collection process** in which an open Call for Needs was launched to identify and select one demand per pilot region³. The solutions will then be jointly designed, developed, and experimented during a period of 8 to 10 months by each co-creation team that will collaborate to produce a sound innovative solution that will be tested with patients/users and healthcare professionals. The whole piloting methodology is detailed in the CHERRIES deliverable **Adapted territorial methodology for the experimentation per territory**⁴, presented by CYRIC.

¹ CHERRIES, Deliverable 4.1: Report on the identified needs, Örebro Lans Landsting, July 2021

² CHERRIES, Deliverable 2.2: Territorial Mapping Cyprus, Murcia and Örebro, Leiden University, January 2021.
<https://www.cherries2020.eu/resources/deliverables/>

³ CHERRIES, Deliverable 4.1: Report on the identified needs, Örebro Lans Landsting, July 2021.

⁴ CHERRIES, Deliverable 3.2: Adapted territorial methodology for the experimentation per territory, March 2021. https://www.cherries2020.eu/wp-content/uploads/2021/07/CHERRIES_D3.2_final.pdf

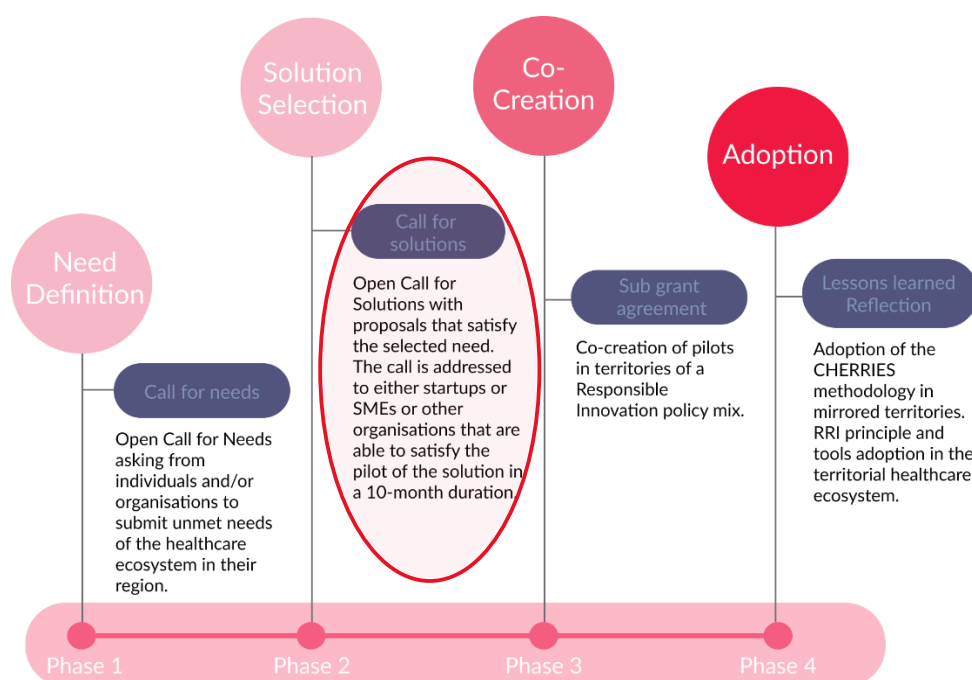


Fig.1- Overview of the phases in the CHERRIES territorial experimentation.

This report offers an overview of the Call for Solutions corresponding to the timeline of its development 1) preparation of the Call, 2) dissemination of the Call and applicants' services and 3) assessment of the proposals, and describes the main activities carried out in that framework. Furthermore, the supporting forms and templates employed by the territorial teams are made available together with the presentation of the main outcomes in each region. Finally, this deliverable proposes some insights on cross-cutting recommendations and conclusions emerged along this process and identified by the territorial teams.

When it comes to the CHERRIES methodology, it is to mention that all the activities conducted in the project, adhered to the RRI approach, as central thread. As set out by the European Commission, *"Responsible Research and Innovation (RRI) implies that societal actors (researchers, citizens, policy makers, business, third sector organisations, etc.) work together during the whole research and innovation process in order to better align both the process and its outcomes with the values, needs and expectations of society"*⁵. In that sense, partners are committed to guarantee that RRI principles are fully integrated in the whole collaborative process from the description and requirements of challenges until the final selection of the providers and further creation and testing of the solutions.

1.1 Identified needs in each territory

A full range of activities in CHERRIES are dedicated to the policy experimentation following territorial demand-orientation, since the project aims at ensuring the link between societal challenges and innovation actions. In that regard, the open Call for Needs was the first step to identify unmet needs in the social

⁵ European Commission, Horizon 2020, Definition of Responsible and Research Innovation, <https://ec.europa.eu/programmes/horizon2020/en/h2020-section/responsible-research-innovation>



healthcare ecosystems using a demand-driven approach and targeting healthcare stakeholders (policy makers, patients/users, providers, and payors). This was meant to ensure, on one hand, the feasibility of the design and testing of the solutions and, on the other hand, the sustainability and impact of the solutions by addressing those unmet needs adequately from early stage.

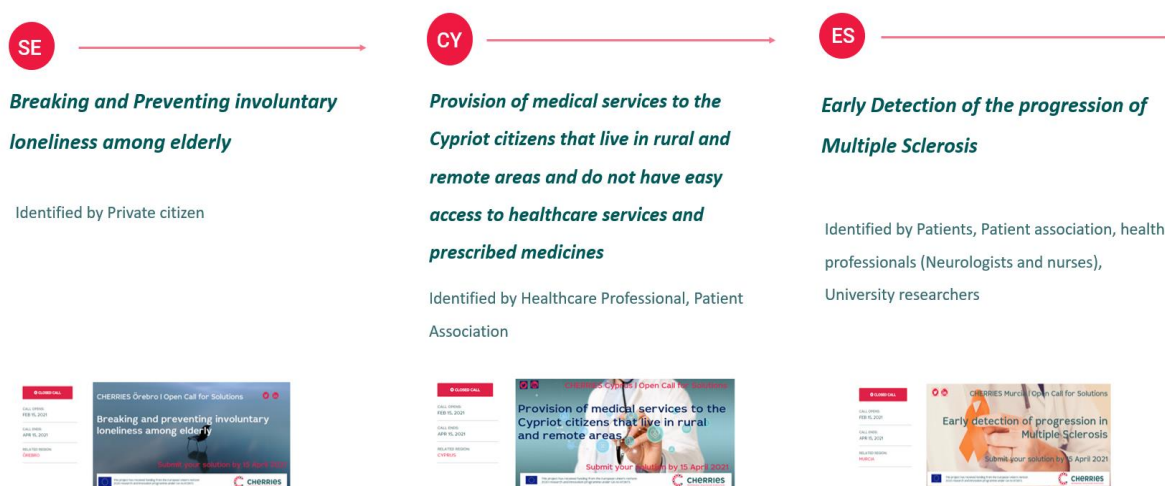
As defined in the **Report on Identified Needs**, the needs under the CHERRIES methodology are defined as such: *“The needs should arise from the healthcare system and go beyond the level of an individual patient, be concrete without but not overly-specific, fit the scope defined by the project framework, and be met with an innovative solution”*⁶.

Therefore, each pilot territory, following an extent evaluation procedure, has picked one unmet Challenge. These three needs, due to their own set of characteristics, require distinctive kind of responsive solutions: from technological to social innovation ones. For this reason, the material and support documents although common and shared between the pilot territories, were adjustable to the regional features.

In **Örebro**, the Selection Committee has opted for a need focused on **breaking and preventing the involuntary loneliness among elderly** by identifying the persons who are involuntary lonely and offer them a social context. Besides, the objective is to solve long-term loneliness risks leading to self-isolation from social contacts and society in general.

In **Cyprus**, the demand tackles the **accessibility and quality of medical services for the people living in villages and remote areas** or anybody facing difficulties in assisting to medical centers and healthcare professionals (long distance or cross checkpoint borders).

In **Murcia**, the **Early detection of progression in Multiple Sclerosis** (PROGRESS) has been identified as the best proposal. The objective is to develop an innovative technological solution using the Internet of Things (IoT) and the application of sensors to patients within a clinical trial to monitor this progression and inform the healthcare professional of the progression of the disease.



⁶ CHERRIES, Deliverable 4.1: Report on the identified needs, Örebro Lans Landsting, July 2021.



1.2 Three needs, three challenges to be solved

Once the needs have been chosen, the CHERRIES territorial partners, together with the awarded local Challenge Proposer teams, or other relevant stakeholders in the case of Örebro, have established the guidelines and requirements to be adopted by the solutions, by converting the needs into challenges (Annexes 1 and 2 (ES)).

As mentioned previously, those identified needs are anchored into the local/regional/sectorial priorities and were assessed by expert committees according to a series of criteria addressing the feasibility, impact, and sustainability of the further developed solutions. Thus, the three challenges differ one from another on the type of parameters to be considered by the applicants. Indeed, as for Cyprus and Murcia the Challenges are technology-based, in the Swedish case, “*breaking and preventing the involuntary loneliness among elderly*” is focused on social innovation. For this reason, in the case of Murcia, the local team had drawn up a list of technical requirements (compulsory and optional) to guide the applicants in the identification of the core prerequisites and as an eligibility criterion.

Moreover, as a common thread, since CHERRIES is following a user-led approach to innovation processes, all the Challenges incorporate the co-creation dimension as a core component so as the RRI-based principles.

2. Call for Solutions process

2.1 Overall presentation

The open Call for Solutions is a crucial step in the CHERRIES methodology because it is, first, about transforming a need into a challenge that can be easily understood and to which we can provide innovative products/devices or services that could be applied in healthcare practice beyond the project experimentation. Secondly, the process integrates a procedure to ensure the selection of the most promising applications in terms of innovation but also in terms of co-creation capacity and adaptability to the ecosystem during the design and testing stages. For this reason, the definition of the criteria and scoring of evaluation and the components of the selection process must be clearly pre-established to ensure transparency and fair assessment of the proposals.

CHERRIES approach accounts for challenge specificities in terms of requirements and scope; therefore, the material was made adaptable to territorial conditions. This supports the sustainability of the experiment and the replicability within other contexts with different healthcare ecosystems features, and beyond the healthcare systems themselves to be applied in other sectors. It is to underline that the transfer of the model will also be tested further in collaboration with selected candidate “mirror territories” piloting actions that will be deployed during the final stage of the project.

Even if the material/templates are adjustable to the local environment, in order to ensure CHERRIES coherence and replicability, each pilot region follows the same process steps:

- **Preparation:** “Translation” of the identified needs into challenges. The Challenge Proposers have worked together with CHERRIES partners on turning needs into challenges with determined requirements. They also defined the additional administrative and financial



contents of the call, the indicators to assess the proposals, and finally developed the support documents to be published. In the case of Sweden, the work was mainly done by the CHERRIES local team and additional local partners (who also proposed the same challenge in workshops).

- **Publication:** Launch of the Call for Solutions on EU Funding and tenders portal and project website. The call was also widely disseminated by partners on social media, networks and through workshops/information sessions to raise awareness and attract potential Solution Providers. A specific applicant support was available in each territory to respond to queries on the requirements of the call (Q&A).
- **Evaluation and selection.** Set up of territorial multidisciplinary Selection Committees to guarantee equity and transparency of the process.
- **Sub-Grant signing.** Preparation and signature of the legal binding agreement between the territorial Funding/Contracting bodies and the awarded Solution Providers. This document states the terms and conditions of the development of the innovative solutions in a co-creation framework between the parties.
- **Payment.** Advanced sub-grant payment. In case of request from the Solution Provider, an advanced sub-grant payment has been done by the territorial Funding/Contracting bodies.

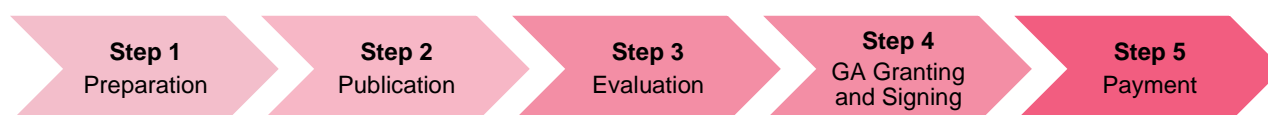


Fig.2: Call for Solutions steps. Source: D 3.2 Adapted Territorial Methodology for the experimentation per territory

2.2 Preparation of the Call

When referring in this document to the “Call for Solutions”, it stands initially for **three different Calls for Solutions** as each pilot territory was responsible to implement its own call from the preparation to the payment although abiding the CHERRIES methodology guidelines and timeline.

Additionally, in the case of Örebro, since the awarded organization has applied for a lower budget than the one made available for this call to develop the solution, the launching of an additional Call for Solutions has been agreed upon the consortium during summer 2021.

Timeline

The three separate first calls were launched on the same date, the **15th of February 2021** and remained open to third parties receiving financial support for a two-months period (as defined in the H2020 Grant Agreement Article 15 - Financial support to Third Parties and subsequent guidelines).

In the case of the second call of Örebro, the call was launched on the 24th of September 2021 and, like the first call, was open for two months.

Target Public and documentation



Additionally, even if the calls are focused on a local challenge perspective and requires a good knowledge of national language from the Solution Providers to interact with the co-creation team and other involved stakeholders, each call was open to **legal entities located in EU and EU-associated countries**.

During the preparation stage, a portfolio of documents has been elaborated by the pilot teams to define the scope and components of the applications. The templates and forms used for the tendering procedure (see templates in annex section), have been developed based on inputs and exploitation of previous project results from two main sources:

- European H2020 project InDemand⁷
- “The selection of third parties which receive financial support from beneficiaries in indirect actions co-funded under Horizon 2020”, European Commission⁸

In that regard, the calls complied with the principles governing the EU calls: excellence, transparency, fairness and impartiality, confidentiality and efficiency and speed, as stated in the “*Good practices and templates for organizing open calls under the H2020 Financial Support to Third Parties scheme*”⁹. The call process also addressed and considered the gender dimension and questions of inclusion, openness, and transparency at each step.

Moreover, beyond the launching of the Call for Solutions itself, and to ensure smooth, coherent and efficient selection procedures, a toolkit was shared among the territorial teams. This toolkit was composed of various documents such as: assessment forms to check proposals’ eligibility, confidentiality forms, assessment forms of the criteria, guidelines for the selection committee, results territorial reports, or selection public report.

Funding

Each open tendering procedure offers initially for the first three calls, a financial support amount of **up to 50.000 euros** to cover the eligible costs of each supplier during the 10 months of the co-creation of the solutions. All applicants had to provide a budget proposal and detail the category of expenses necessary to carry out the activities described in each work plan.

Selection criteria

During the preparation phase, **the evaluation criteria and the scoring** weigh have been established to further assess the applications; these criteria differed slightly between the regions, as they targeted distinct types of solutions and actors.

As RRI approach is a key component at every stage, pilot teams have particularly paid attention to include societal actors into the definition of selection criteria and in the evaluation of the proposed solutions, focusing on public engagement.

The following tables display the criteria, explanations, and scores attribution applicable in the Call for Solutions.

⁷ <https://www.indemandhealth.eu/>

⁸ *Guidance note on financial support to third parties under H2020*, European Commission, Directorate-General for Communications Networks, Content and Technology

⁹ *Guidance note on financial support to third parties under H2020*, European Commission, Directorate-General for Communications Networks, Content and Technology



Criteria	Explanation	Scores
Solution excellence: Fit with the particular challenge		
1. Soundness and consistency of concept	Extent that proposed work is ambitious, has innovation potential, and is beyond the state of the art, enhancing the innovation capacity and the integration of new knowledge & the implementation of such innovations to the market	1 to 10
2. Solution fit to challenge in an innovative approach and Compliance	Alignment challenge of the solution with the proposed challenge	1 to 10
3. Excellence	Viability and cost-effectiveness of the technological solution	1 to 10
Potential Impact		
4. Solution expected Impact	Clarity and pertinence of objectives and indicators	1 to 10
Work Plan viability		
5. Credibility of the proposed Work Plan	It fits with the CHERRIES calendar	1 to 10
6. Co-creation intensity	Importance given to the co-creation work (objectives and means employed)	1 to 10
Team experience		
7. Experience and skillset of the team	Appropriateness of the team	1 to 10
Business sustainability		
8. Market description and commercialization strategy	Expected market and go-to market strategy	1 to 10
9. Commercialisation potential: Likelihood of future market exploitation	Effectiveness of eventual implementation plan of the project's results (including explanation of IPR management, if applicable)	1 to 10
10. Business commitment	Interest of the company in the solution	1 to 10
Responsible Research and Innovation		
11. Gender Issues	Does the organization have a gender equality plan?	1 to 10
12. Public Engagement	Does the solution contribute to Public engagement?	1 to 10
13. Open Science /Access	Does the solution contribute to Open Science?	1 to 10
14. Science Education	Does the solution contribute to Science Education?	1 to 10

Table 2. Evaluation criteria Call for Solutions Cyprus and Murcia

In the case of **Örebro**, due to the challenge orientation on social innovation (process innovation), the criteria were slightly different, especially for what concerns business sustainability as SMEs were not the main targeted group of applicants.



Criteria	Explanation	Scores
Solution: Fit with the particular challenge, potential impact and achievability		
1. Soundness, consistency and excellence of the concept	Extent that proposed work is ambitious, has innovation potential, and is beyond the state of the art, enhancing the innovation capacity and the integration of new knowledge & the implementation of such innovations to the market	1 to 10
2. Solution fit to challenge	Alignment of the solution with the proposed challenge and expected impact	1 to 10
3. Objectives and success indicators	Clearness and achievability of the objectives and relevance of the indicators	1 to 10
Work Plan viability		
4. Credibility of the proposed Work Plan	The work plan is realistic and fits with the CHERRIES calendar	1 to 10
5. Co-creation process	Relevance of the co-creation work and importance given to the co-creation work (objectives and means employed)	1 to 10
6. Experience and skillset of the team	Appropriateness of the team	1 to 10
Sustainability		
7. Market description, scaling and dissemination	Expected market, potential and strategy for scaling and dissemination of the solution	1 to 10
8. Sustainability and engagement	Potential of sustainability of the solution and engagement and interest in the development of the solution	1 to 10
Responsible Research and Innovation		
9. Gender Issues	Does the organization have a gender equality plan?	1 to 10
10. Public Engagement	Does the solution contribute to public engagement?	1 to 10
11. Open Science /Access	Does the solution contribute to Open Science?	1 to 10
12. Science Education	Does the solution contribute to Science Education?	1 to 10
13. Governance	Does the solution contribute to Governance?	1 to 10

Table 3. Evaluation criteria Call for Solutions Örebro

2.3 Publication and Dissemination of the call and services to applicants

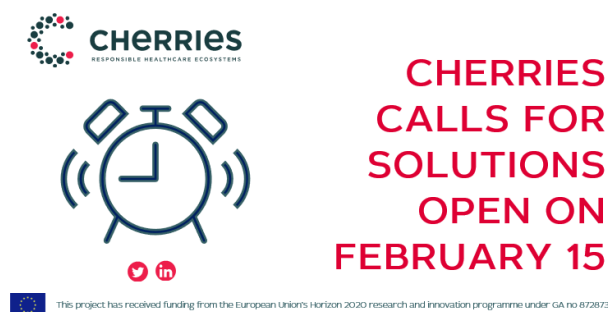
2.3.1 Dissemination strategy

The call was published on project CHERRIES's website (<https://www.cherries2020.eu/>) and on the Horizon 2020 Participants Portal (<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/competitive-calls>). Full call details were published at: (<https://www.cherries2020.eu/calls/cherries-murcia-open-call-for-solutions/>) and a **FAQ document** was



also made available responding the main questions addressed by the applicants during the first period of opening of the call.

The launching of the call was backed up by a planned and effective **dissemination strategy** performed by all the territorial partners at local level, but also at European level by the consortium to generate the greatest possible impact and receive a satisfactory number of proposals. This strategy that included the design of a proper visual identity of the call, ran through project and partners websites' announcements, social media posts, or networking activities. Network activities from partners were essential and had a wide-ranging impact since territorial teams include a plurality of organizations' profiles: from regional healthcare payors, hospital, health cluster, regional government, CSOs and social innovation actors or technology-based business incubators (CYRIC and CEEIM), whose business networks were likely to participate in this innovative open call.



Additionally, a common **info webinar** was held on the 4th of March, 2021 to present the CHERRIES context, the three challenges and their specificities, the call requirements, the application and selection procedure, and to provide some highlights on the RRI dimension that applicants need to embed in their proposals – especially in terms of inclusive and participatory approaches.



Due to the diversity of the Challenges, the typology of potential applicants had to be considered in the dissemination activities. For this, each pilot team had organized additional activities to support the dissemination effort.

In **Örebro**, five info webinars were arranged during the opening period of the first call (February 1st (2), 2nd, 15th, and 17th) gathering around 40 participants from over 15 different organizations, mainly CSOs and public actors. For the second call in Örebro, dissemination was mainly made through websites, newsletters and social media posts, as well as dedicated e-mails to the organisations that showed interest in the first round.

In **Cyprus**, the dissemination of the call was mostly made on social media and other online portals:

- Social Media campaigns through Facebook and LinkedIn that are mainly active and broadly used in Cyprus with follow up private messages to potential applicants and general awareness of the project itself
- Other publishing platforms such as local media portals with esteem local media presence both in English and in local language



In **Murcia**, apart from the social media campaign and due to the specific technical requirements of the challenge, one webinar was arranged on the **19th of March, 2021** to present the scope of the challenge, the modalities of the co-creation and respond to queries about the call. This event counted with a total of 34 participants, essentially, from technology-based innovative companies.

2.3.2 Support services to applicants

Support services to applicants were set up in each region and a **contact person** was appointed within the local Contracting/Funding body teams, in charge of gathering the queries from the applicants and



responding to their requests after consultation of the rest of the Challenge Proposer teams in case of specific medical or technical questions. This service was provided both online and by phone.

In Cyprus, the regional team followed a personal approach with bilateral individual meetings to inform and raise the awareness of the call as well as to engage potential applicants with the following actions:

- Bilateral calls with stakeholders to inform them about CHERRIES, the Call for Solutions as well as their potential and future involvement (always following up with emails and attachments of relevant material)
- Bilateral teleconferences with stakeholders and potential applicants to follow up conversations on current and future implications of their involvement

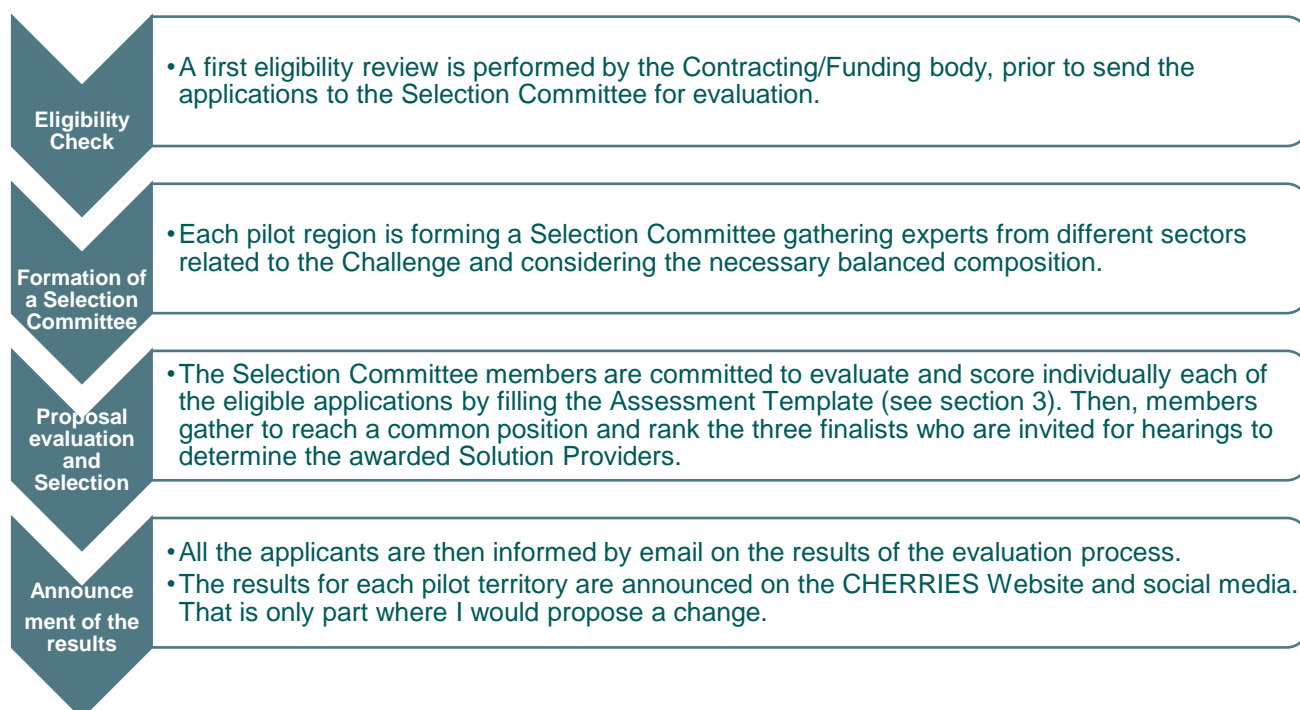
Overall, the Cyprus team hosted more than 50 hours of bilateral teleconferences and phone calls with organizations/ individuals/professional and associations.

In Örebro, the support approach was slightly different. Many of the potential stakeholders for the Call for Solutions were CSOs and public service actors such as municipalities and health centers. These actors are not always used to project planning with all that entails, especially when it comes to write a full proposal. The objective was to overcome this obstacle in order to receive as much as valuable ideas and solutions possible. Örebro, therefore offered **support for planning the project** and for fulfilling the application form for actors who feel that they have a great idea but feel insecure about the application process. The support was offered by persons in partners' organizations (OLL and Activa) with experience of writing applications and/or leading projects. These support persons were not connected to any other current work in CHERRIES, to avoid any conflict of interest, and did not participate in any part on the evaluation. In the first call, three applicants' organizations took up on this offer (one of the top three, not the granted proposer). This was an interesting approach that will be explored further beyond CHERRIES project.

Additionally, Örebro also sent a survey (**Annex 18**) to the webinar participants after the Call closed and the results showed that the application process was experienced as complicated by a few organizations and that the offer of support, though not always used, was appreciated.

As for **Murcia**, the support has been provided through continuous exchanges with applicants, mostly by emails, to inform the applicants and respond to their queries.

2.4 Selection and Evaluation of the applications



Each of this step will be presented in detail in the following sections.

2.4.1 Eligibility check

As mentioned above, the first step to be taken in the assessment of the proposals is an administrative review performed by the CHERRIES Contracting/Funding body team, who revises the eligibility criteria. It is responsibility of the CHERRIES Contracting/Funding body to evaluate the completeness of documentation and admissibility of each application submitted to the system.

In conformity with the eligibility criteria, in justified cases, the applicants were requested to provide additional explanations clarifying some inconsistencies of their proposal. Nevertheless, these clarifications could not engender any changes in the applications themselves.

Later to such verification, in the case of the Murcia challenge, as technical eligibility requirements were included in the application, a technical eligibility check was also carried out.

2.4.2 Formation and Composition of the Selection Committees

The composition of these committees reflects a plurality of stakeholders' profiles to ensure the fair assessment of each proposal. In that regard, the Committees were composed of regional professionals and experts in the Challenge topic and members of the organizations that will take part to the co-creation process, especially representatives from the healthcare sector and patients/users; but also, members from the Challenge Proposer teams and CHERRIES Project Territorial Partners. The external Committee representatives were invited by each local CHERRIES team following the RRI Policy principles by involving the society in science and innovation and promote public engagement, open access, gender equality (especially considering the balance number of representatives but also the position and type of expertise),



science education, ethics, and governance. For this reason, the committee members include actors from the research and academic community, policy makers, business sector, and civil society.

The RRI dimension was not only a key factor in the establishment of the Selection Committees but also considered in the interactions' dynamics and in the decision-making process of the assessment procedure.

This structure also foresees the efficiency of the assessment of the sustainability of the selected solution and guarantee the stakeholders' support towards the further co-creation process.

In **Örebro**, the Selection Committee was composed of 9 members mostly from the Regional Örebro county departments for both calls.

Role	Organization	Type of Organization
Healthcare management (female)	Region Örebro County, Healthcare department	Regional Government
Regional development management (male)	Region Örebro County, Regional development department	Regional Government
Social innovation expert (female)	Activa Foundation	Healthcare Association
CSO representative (female)	Pensionärernas riksorganisation (PRO)	National Organization of pensioners
Innovation expert (female)	Region Örebro County, Healthcare department	Regional government
Innovation expert (male)	Region Örebro County, Healthcare department	Regional Government
Financial advisor (female)	Activa Foundation	Healthcare Association
Financial advisor (female)	Region Örebro County	Regional Government
CHERRIES team, Selection committee facilitator (female) (no vote)	Region Örebro County, Regional development department	Regional Government

Table 4. Composition of the Call for Solutions selection committee in Örebro

In **Cyprus**, the selection committee counted with a total of 10 members.

Role	Organization	Type of Organization
Top Management (male)	CYRIC	Research and Development
Top management, Chief Information Officer (male)	AIK	Healthcare Provider
IT & Software Solutions Manager (PhD) (male)	CYRIC	Research and Development
Business Development & Commercial Manager (male)	CYRIC	Research and Development
Dr (Cardiologist) – clinical expert – (male)	AIK	Healthcare Provider



Dr (Respiratory and Internal Medicine) – (female)	AIK	Healthcare Provider
Dr (Endocrinologist) – clinical expert – (female)	AIK	Healthcare Provider
CEO Innovation Expert – external – (female)	MAP Innovation (Independent consultant)	Innovation Consultancy
Dr (patient association) – male	Maronite Community	Patient Association
CEO Software Solutions Expert – external (male)	Novatex Solutions	Software Solutions IT

Table 5. Composition of the Call for Solutions selection committee in Cyprus

In **Murcia**, the selection committee was integrated by 12 members.

Role	Organization	Type of Organization
Clinical expert (Female)	Murcia Health Service	Regional Healthcare Organization
Clinical Expert and Patients Representative (Female)	Murcia Health Service	Regional Healthcare Organization
ICT Expert (Female)	Polytechnic University of Cartagena	University
Biomedical engineer (Male)	Polytechnic University of Cartagena	University
Market Expert (Male)	TICBIOMED	Health Research Association
Patient Association Representative (Female)	Association of Multiple Sclerosis Cartagena	Patients Association
Innovation expert (Male)	Murcia Health Service	Regional Healthcare Organization
Public policy expert (Female)	CARM	Regional Government
IT expert (Male)	Murcia Health Service	Regional Healthcare Organization
Business Market expert (Male)	Regional Development Agency INFO	Regional Government
Neurologist Challenger (Male)	Murcia Health Service	Regional Healthcare Organization
EU Project Manager, Facilitator of the Selection Committee (Female)	CEEIM	European Business Centre

Table 6. Composition of the Call for Solutions selection committee in Murcia

In total, **31 professionals** have taken actively part of the four selection processes of the CHERRIES Call for Solutions and have contributed, by their expertise, to collaboratively identify the best proposals to develop the most appropriated and consistent solution in each territory.

2.4.3 Proposals Evaluation and Selection

Proposal Selection steps

The proposals' evaluation of the applications followed a series of steps pre-established in the CHERRIES methodology.

Step 1. In the first phase, those eligible applications are assessed individually by the Selection Committee members. Once this individual assessment is completed, each committee gathers to exchange about their



own scoring and share observations and views on the proposals. Finally, the Selection committee must agree and take a final decision on the three finalists. It is to outline the importance of this collaborative assessment sessions to attend and acknowledge the diversity of perspectives and reach a joint and share agreement.

Step 2. In a second phase, the top three highest ranked Solution Providers are invited to an online session to pitch their proposed solutions to each Selection Committee and answer to the questions and requests raised by its members.

Step 3. Then, the Selection Committee takes the final decision and nominates the awarded Solution Provider organization.

Step 4. Finally, the applicants are formally informed of the outcomes of the process and once the period of claim is over, the results are published publicly.

2.4.4 Announcement of the results

Once the decision has been ratified and the applicants informed, a formal public report was released online on the CHERRIES website and social media (see section 3).



2.5 Sub-Grant Agreement and Payments

The contracting/Funding body is responsible, in each territory, for the administrative follow up of the sub-grant awarded to each Solution Provider. In that regard, a specific binding document is signed between the two entities that regulates the terms and conditions of the collaboration under CHERRIES and the outcomes and milestones that should be delivered by the Solution Providers under the co-creation methodology.

In terms of financial contribution, each Solution Provider had the opportunity to request to the Contracting/Funding body an advanced payment of the 40% of the eligible grant amount after signing the Sub-Grant agreement.



The following payments are foreseen at mid-term after the approval of the first report and at the end of the process, once the final report is approved.

3 Supporting documents of the open Call for Solutions: from preparation to sub-grant agreement

3.1 Support documents for the preparation and publication of the Call for Solutions

In order to secure an efficient implementation of the calls, a series of documents/forms has been elaborated in the course of the CHERRIES project. These documents exploit results obtained in the course of the H2020 project InDemand and are further adjusted to the institutional routines of the managing CHERRIES partners' organizations as well as on the EU requirements for Financial Support to Third Parties.

The complete application portfolio was published on the CHERRIES Website under each region section and was made of two main documents: a) description of the Call for Solutions, and b) CHERRIES Call for Solutions application form. In the case of Murcia, the description of the Challenge was the subject of an additional file in which the compulsory and optional technical requirements were listed.

3.1.1 Call for Solutions application pack

1) Call for Solutions description: Örebro, Cyprus and Murcia

The description of the **Call for Solutions** document includes the following sections (**Annex 1a, 1b, 1c**):

- CHERRIES description
- CHERRIES approach for co-creation
- Need to tackle
- Application requirements
- Application process
- Evaluation steps and criteria
- Administrative duties for awarded solutions
- Funding scheme
- Language
- Monitoring and reporting
- Intellectual Property Rights
- Useful documents
- Questions
- Ethics

2) Description of the challenge: Murcia



In Murcia, a complementary **description of the challenge (Annex 2)** was prepared based on the results of the Call for Needs, providing technical requirements to be addressed by the applicants to be eligible for financial support, and includes the following sections:

- Overall description
- Objectives
- Pilot scope and requirements
- Expected impact and KPIs
- Business opportunity

3) Application form

The application form is composed of the following sections (**Annex 3**)

- Section 1: General information
- Section 2: Description of the solution
- Section 3: Description of the expected impact
- Section 4: Workplan
- Section 5: Budget Template
- Section 6: Team experience
- Section 7: Business sustainability
- Section 8: Ethics
- Section 9: Responsible Research and Innovation

4) Declaration of honor for participation in the CHERRIES Call for Solution Providers – (Annex 4)

To be admissible, each applicant had to submit together with the application form, a declaration of honor signed by the legal representative.

3.2 Support documents for selection and evaluation process

During the two-months of opening of the Call, the assessment documents for the eligibility check and the selection of the proposals were finalized. Furthermore, the Selection Committee members were identified, invited, selected, and informed about the process with the intention of starting with the evaluation as soon as the eligibility check has been conducted, following the recommendations of the H2020 programme in terms of efficiency and speed in providing answer to the applicants.

3.2.1 Eligibility check and notification

In addition to the core application files, a series of additional templates and forms have been prepared to document the process and to ensure the smooth coordination of the procedure.

Once the tendering procedure is closed, the first step was to acknowledge and inform about the admissibility of the proposals received in due time. (**Acknowledgement receipt - Annex 5**)



Then, CHERRIES Contracting/Funding bodies proceeded with the eligibility check and examined the compulsory requirements: application fully completed, language of application, administrative eligibility of the applicants, and signature of the documents **(Administrative eligibility checklist – Annex 6)**

In Murcia, an additional technical eligibility form was filled in by the technical expert from the Challenge Proposer team. **(Technical eligibility checklist – Annex 7)**

A formal letter was sent to inform each applicant about the eligibility of the applications. **(Eligibility pass - Annex 8, Rejection notification – Annex 9).**

3.2.2 Selection committee

The following stage consisted in the selection procedure and the publication of the three awarded Solution Providers who will engage in the co-creation phase after the signature of the binding CHERRIES sub-agreements. As explained above, each territorial team has identified and invited members to the Committee following the criteria of RRI principles: gender dimension (number, role and position), diversity of organizations involved to ensure societal engagement, expertise in the need to tackle, and scientific and policy components.

Primarily, once the Committee was established, each confirmed member received the list of applications and was asked to sign a **Confidentiality & conflict of interest declaration for participation in CHERRIES Call for Solutions (Annex 10).**

Then, Committee members received the eligible full proposals together with the **Guidelines for selection committee members (Annex 11).** These guidelines described the CHERRIES selection procedure and aimed to secure the performance and involvement of the members by providing explanations on the criteria and scoring of assessment, on the course of the process step by step, on the composition of the jury and on the planned calendar to raise awareness on the foreseen workload. Additionally, each participant received an **Individual evaluation form (Annex 12)** to be completed for each proposal (with scores and comments).

In a second time, after the individual assessment, collaborative sessions were organized in each piloting region. A first session aimed at sharing the individual evaluations/impressions and scoring among the whole jury and agree on the list of three finalists. Afterwards, a consecutive session was held inviting the three finalists to pitch their solutions and respond to specific queries raised by the Committee. For these collaborative sessions, each territory was free to apply its own template for the calculation of the final scores.

A preliminary report was released internally to announce the three finalists. **(Territorial Selection Call for Solutions. First meeting – Annex 13)**

Finally, an online questionnaire addressed to the Selection Committee members was circulated to collect their feedback on the evaluation method in terms of level of information, effectivity of the process, workload, RRI approach application and to receive further inputs and recommendations from their side. **(Questionnaire for the selection committee members - Annex 14)**



3.2.3 Announcement of results

Once the decision of the jury is ratified, a territorial selection report was established and signed by the jury components (**Territorial Selection Report - Annex 15**) and a notification of results was sent to each applicant (**Notification of results - Annex 16a & 16b**).

Finally, the results were announced on CHERRIES website through the publication of the public report for each one of the three open calls (**Public evaluation report - Annex 17**).

3.3 Support documents for the sub-granting procedure

Selected Solution Providers were invited to sign a covenant document called Sub-Grant Agreement which main purpose is to validate the administrative, financial and technical operability and to establish the ground rules for receiving support from the CHERRIES project.

In this sense, a template, based on the one elaborated under the H2020 project InDemand, has been made available to the three regions and adapted by each one of them to fit to the reality of the challenge and according to the negotiation with the Solution Provider in terms of deliverables, milestones or any changes brought to the work plan. (**Sub-grant Agreement Template - Annex 19**)

Furthermore, in the case of Murcia, a complementary co-creation work plan will be annexed to the sub-agreement to frame and detail the role and responsibilities of each party, the schedule of implementation, the communication activities, or the Intellectual Property concerns.

4 Outcomes and Results of the Calls for Solutions in the pilot territories

The whole process of the Call for Solutions has been successfully conducted in each territory with the selection of innovative solutions in a fair and transparent procedure.

This section underlines the main outcomes of the Call for Solutions providing data on the number of proposals and the type of applicants, and a brief description of the awarded solutions.

4.1 Response to the call

A total of **30 eligible applications** have been received in the three regions, which is very positive considering the pandemic context. The level of responses is differing from one territory to another, with the highest response rate in Cyprus. This can be attributed to the nature and specificities of each Challenge and the level of impact on the society but also to the further possibilities of deployment of the solutions.

Hereafter, a description of the level of response in each pilot region with the number of proposals received and some characteristics about the based location of the applicants.



First Örebro Call for Solutions

	Number of proposals	Type of entity	Countries
Proposals received	8	SMEs (2) Municipalities (3) CSOs (2) University (1)	Sweden (7), Netherlands (1)
Eligible proposals	8	SMEs (2) Municipalities (3) CSOs (2) University (1)	Sweden (7), Netherlands (1)
Proposals above threshold	8	SMEs (2) Municipalities (3) CSOs (2) University (1)	Sweden (7), Netherlands (1)
Selected proposals for final Oral Presentations	3	SMEs (1) Municipalities (2)	Sweden (2), Netherlands (1)

Table 7. Response to the first Call for Solutions in Örebro

Second Örebro Call for Solutions

	Number of proposals	Type of entity	Countries
Proposals received	5	SMEs (4) Municipalities (1)	Cyprus (1), Germany (1), Netherlands (1), Spain (1), Sweden (1)
Eligible proposals	4	SMEs (3) Municipalities (1)	Cyprus (1), Netherlands (1), Spain (1), Sweden (1)
Proposals above threshold	2	SMEs (1) Municipalities (1)	Netherlands (1), Sweden (1)
Selected proposals for final Oral Presentations	2	SMEs (1) Municipalities (1)	Netherlands (1), Sweden (1)

Table 8. Response to the Second Call for Solutions in Örebro

Cyprus Call for Solutions

	Number of proposals	Type of entity	Countries
Proposals received	12	SMEs (12)	Cyprus (9), Greece (1), Netherlands (1), Spain (1)
Eligible proposals	12	SMEs (12)	Cyprus (9), Greece (1), Netherlands (1), Spain (1)
Proposals above threshold	12	SMEs (12)	Cyprus (9), Greece (1), Netherlands (1), Spain (1)
Selected proposals for final Oral Presentations	3	SMEs (3)	Greece, Spain, Cyprus

Table 9. Response to the Call for Solutions in Cyprus



Murcia Call for Solutions

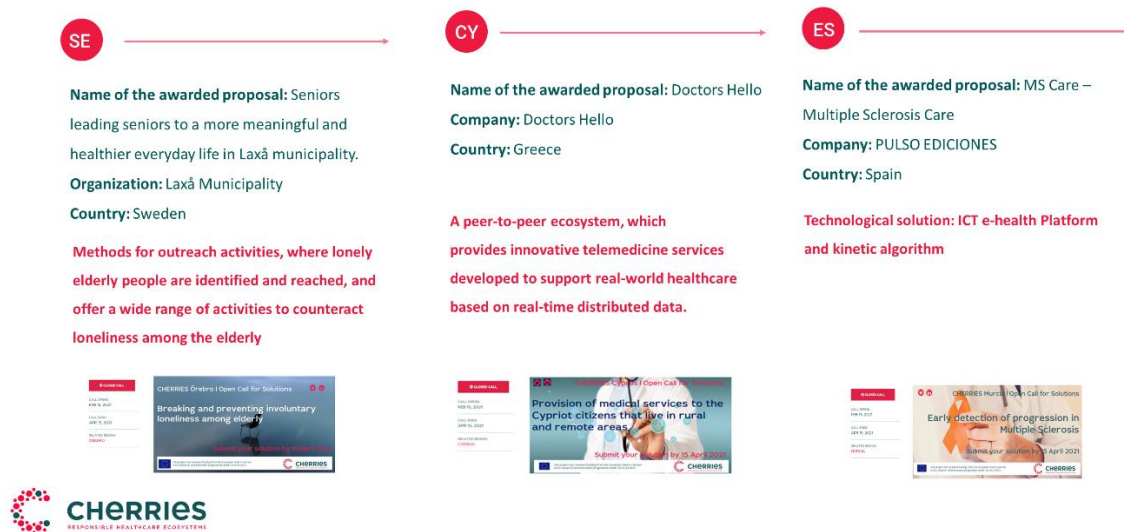
	Number of proposals	Type of entity	Countries
Proposals received	7	SMEs (7)	Spain (6), Portugal (1)
Eligible proposals	6	SMEs (6)	Spain (5), Portugal (1)
Proposals above threshold	6	SMEs (6)	Spain (5), Portugal (1)
Selected proposals for final Oral Presentations	3	SMEs (3)	Spain (2), Portugal (1)

Table 10. Response to the Call for Solutions in Murcia

We can highlight that even if the further co-creation part of the design, development and adoption of the solutions requires, for the awarded applicants, a satisfactory knowledge of the national language to interact with the local healthcare practitioners and the patients/users (eligibility criteria), this does not seem to have posed any significant limitation. Indeed, for each call, applicants' entities were proceeding from at least two different countries (and 7 EU countries in total).

4.2 Selected Solutions

This section provides a brief introduction of the awarded solutions, in a nutshell, in each pilot territory. As explained previously, CHERRIES methodology accounts that there are some differences between the regions and challenges that require place-based solutions. The priorities can be on the enhancement of the societal engagement in providing highest-quality care for citizens, or more oriented on providing solutions that create economic opportunities too. Thus, to increase the solutions' quality and to secure that the market requirements for products are met, business support from the CHERRIES partners will also be provided during the co-creation phase.



11

4.2.1 Örebro first call: Seniors leading seniors

Seniors leading seniors to a more meaningful everyday life in the municipality of Laxå.



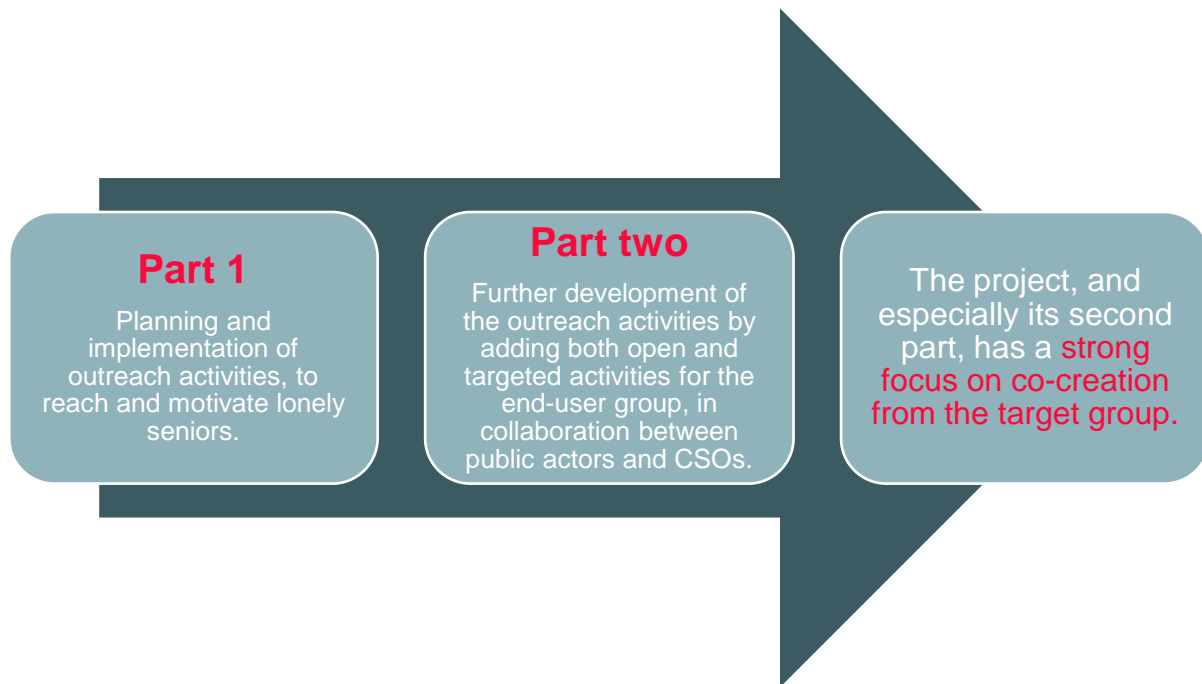
Awarded Organization
Municipality of Laxå (SE)



Co-creation Team
Collaboration between the municipality, health center and civil society actors



Duration
10 Months



4.2.2 Örebro second call: Next step in the collaboration towards a richer and healthier everyday life in Laxå municipality

In the case of Örebro, as mentioned previously, the awarded organization of the first call had applied for a lower budget than the one made available to develop the solution, thus the project consortium agreed on launching an additional Call for Solutions to address the same challenge with the remaining budget.



Awarded Organization
Municipality of Laxå (SE)



Co-creation Team
Collaboration between the municipality, health center
and civil society actors



Duration
8 Months

Shortening the distance between organisations through new processes and working methods, aiming to facilitate the target group to find new ways out of loneliness, but also to offer support to the target group from the collaborating organisations.

Developing and implementing, **methods for outreach activities to reach lonely elderly people**

Developing the knowledge in the collaborating organisations about the **challenge and the target group**



4.2.3 Cyprus: Doctors Hello

Doctors Hello



Awarded Organization
SME DoctorsHello (GR)



Co-creation Team
DoctorsHello in collaboration
with AIK Hospital and EU BIC CyRIC



Duration
10 Months

We identified **access to healthcare** for those living in **remote areas** as the challenge we wanted to find an answer to. Doctors Hello aims to provide **accessibility and quality medical services to the population of Cypriot remote areas without easy access to medical services**, enabling them to access healthcare advice without travelling long distances.

Distributed **telemedicine nodes populated**, by collaborative healthcare professionals, integrate Telemetry with L.I.S. and R.I.S subsystems, providing a complete Electronic Medical Folder to the citizens living in rural and remote areas of the island.

Through the pilot application in Cyprus, DoctorsHello in collaboration with AIK and CyRIC will set up **a peer-to-peer ecosystem and will provide innovative telemedicine services** developed to support real-world healthcare based on **real-time distributed data**.



4.2.4 Murcia: MSCare - Multiple Sclerosis Care (MS PROGRESS)

MS Care - Multiple Sclerosis Care (MSProgress)



Awarded Organization
PULSO Ediciones (ES)



Co-creation Team

Organizations involved in the definition of the Challenge, namely: EMACC the Association for Multiple Sclerosis of Cartagena, the Biomedical Engineering group from the Polytechnic University of Cartagena and the Neurology Service of Cartagena Hospital and the partners' organization: SMS, Regional Government, EU BIC CEEIM and Ticbiomed.



Duration
10 Months



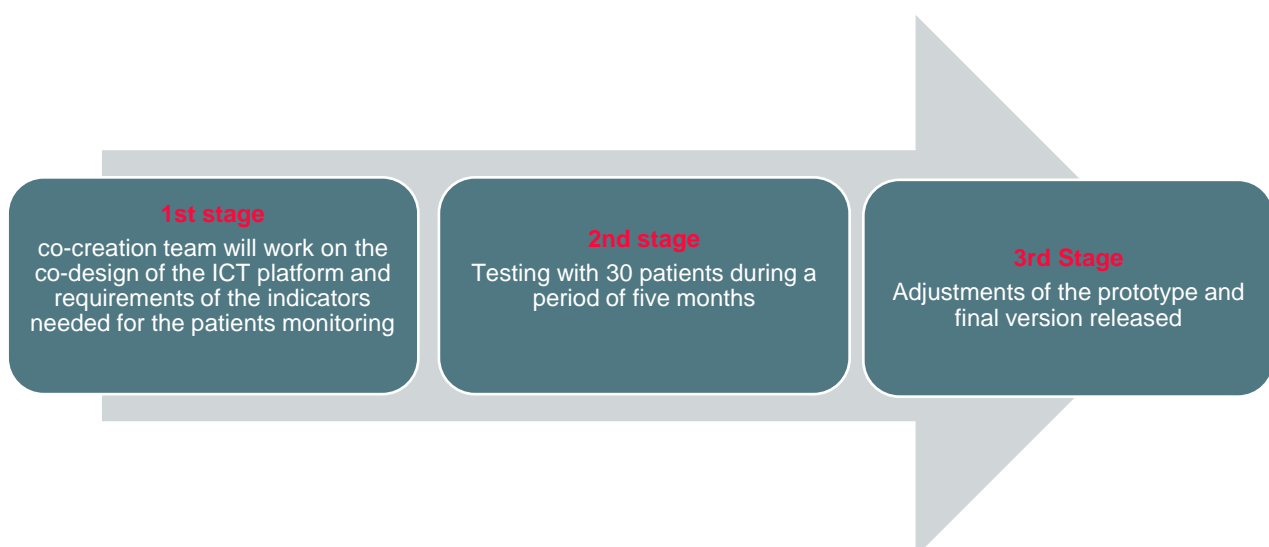
Fosters the engagement of societal actors, professionals and patients to co-design, co-create and implement a solution tackling “Early detection of progression in Multiple Sclerosis”. Pulso Ediciones will collaborate with a team composed by relevant regional actors working on the Multiple Sclerosis and on healthcare field in general but also experts in business and innovation) to secure the go-to-market strategy and the sustainability of the developed solution.



The selected solution is based on a validated ICT platform and kinetic algorithm integrating a smartwatch onto an existing eHealth platform and an algorithm for real time and accurate patient movement analysis of the accelerometer raw data from the smartwatch.



MS Progress ecosystem is composed of three main elements: Fitbit smartwatch, an app for the patient and a web for the healthcare professional. The app includes some basic functionalities to empower MS Care usability and user satisfaction. Finally, the web includes data analytics from the data captured by the device, and also some additional features useful for the health care professional.





5 Cross-cutting observations and recommendations

In terms of observations and recommendations, at this stage, the territorial partners have identified various questions to be taken into consideration to ensure the efficiency of this type of calls and the smooth running of similar co-creation experimentation in the healthcare ecosystems.

5.1 Stakeholders' identification

As mentioned previously, each ecosystem has its own specificities, and in that regard a prior territorial mapping exercise of the types and roles of innovation actors interfering into the healthcare sector is a crucial step. Indeed, the initial identification of the stakeholders who could be interested in, first, participating in the identification of the needs and/or in taking part of the Call for Solutions, is a relevant step to secure the focus on demand-driven approach. It is important to make sure that the whole process is well known and receives the support of the territorial ecosystem professionals, patients/users, policy makers, experts and other relevant actors.

5.2 Stakeholders' involvement

As CHERRIES experimentation is going on in a particular pandemic context, it is to underline the continuous and deep involvement of the diversity of stakeholders engaged in the experimentation in the three territories, both during the preparation of the call until the selection of the Solution Providers. It is especially the case for the healthcare professionals and patients' associations who deal with the COVID issues.

The involvement of stakeholders in such co-creation processes should not be underestimated and should be clearly explained at the beginning to make sure the parties are aware of the requested commitment and corresponding workload (meetings and paperwork). Indeed, the results of the survey addressed to the committees' members show that although most of the respondents estimate that the process fully met their expectations when entering the committees, they also pointed out, as a recommendation, to tend to simplify the process, and reduce the paperwork.

In addition, in this pandemic context, it is important to highlight the satisfying number of proposals received both in response to the open **Call for Needs (22 in total)** and to the open **Call for Solutions (30 eligible in total)**. In the case of the Call for Solutions, the adequate value of proposals - as all but two surpass the minimum threshold for each criterion - demonstrate the interest from CSOs actors and the business market, especially the health tech SMEs, for this type of co-created initiatives that include societal engagement (working hand-by-hand with healthcare professionals and patients/users) towards the formulation of innovative and competitive solutions to be applied in this sector.

5.3 Dissemination strategy

It is essential to set up a sound dissemination strategy to spread the calls at European Level reaching the most diverse audience. It is also recommended to use partners' networks to back up the dissemination of the calls by targeting specific potential providers.

Explicative webinars can also be helpful to provide direct answers to the applicants.

The individualized support services are also a great asset to guide the applicants.



5.4 Overall considerations and recommendations about the Call for Solutions process

Methodology and Process
A coordinator/facilitator entity in charge of facilitating the launching, follow up and monitoring of the process is needed
Continuous information and support services are needed to guide the applicants
The process has to be as simple as possible. The support offered to applicants should be extended to make possible for non-experienced actors to participate in such calls and implement valuable ideas, especially thinking about social innovation actors.
The methodology of co-creation and its implication and benefits to the involved stakeholders and their organizations have to be presented and explained at early stage of the initiative
Paperwork should be limited: it is beneficial to facilitate online user-friendly documents and tools (paying attention to the users who might have limited access to those resources) and online secured signature modalities in the case of the Selection Committee decisions
The overall process should be monitored and reported: progresses, challenges and opportunities, lessons learned and governance
Evaluation
Potential members of the Selection Committee should be identified upstream, and the composition of the Committees should be confirmed as soon as possible
The Selection Committees' members should have an equal say, according to their experience and/or expertise and the co-creation dialogue environment and mutual learning shall be fostered
Selection shall assess the way the applicants envisage to carry out the co-creation of the solution
Workload
A previous analysis of the workload should be carried out and all parties shall be informed about their expected commitment
Appropriate resources (staff) should be allocated to monitor the activities, especially for the entity acting as facilitator of the whole process.
Regular exchange meetings should be arranged in time slots adapted to the healthcare practitioners schedule, and considering the needs/characteristics of the patients/users
Funding
Coordination: Continuous territorial coordination and monitoring require corresponding staff and resources allocation
Stakeholders: The process implies a strong involvement of the stakeholders as members of the co-creation teams or members of the Selection Committees.
Language of the co-creation: A satisfactory knowledge of national language is requested to interact with the healthcare practitioners and patients/users, which may be a restriction for some applicants to the Call and might imply for the applicant budget constraint to reserve a certain amount of funding for translation purpose.
Dissemination
The identification of the potential applicants according to the type of challenges to be tackled is essential to target the dissemination strategy.
Explicative webinars can be helpful to provide direct answers to the applicants.
RRI



The RRI principles approach and their implication/impact can be explained at the beginning of the initiative, and what can be the benefits of their implementation for the involved stakeholders and their organizations
Gender: The composition of the distinctive teams and Selection Committees in terms of gender (number, role, position) is relevant but should be considered in the development of the solution itself, to acknowledge and address the potential gender specificities, working towards integrated processes
Open science and Intellectual Property (IP): The solutions should be developed in an open science perspective and the IP questions of the ownership of the solutions once tested and validated should be addressed from the beginning
Multi-actor approach: All the relevant parties to tackle a specific challenge should be first identified and involved at the different stages, facilitating spaces for open dialogue and exchanges (especially for the Selection Committee sessions)
Ethics: The ethics questions envisaged by the proposals at early stage, especially, if applicable, how the sensitive information of patients/users will be treated
Science education: Additionally, to the core co-creation teams, a wide range of stakeholders (such as researchers, CSOs...) should be informed and invited to follow the process

Table 11. Overall considerations and recommendations on the Call for Solutions



6 Conclusion

This report provides an overview of the open **Call for Solutions** initiative carried out in the three pilot territories under the CHERRIES project and of the main instruments to conduct, monitor and report the whole process following the procedural methodological steps. The fact that the initiative is carried out under a demand-driven and co-creative umbrella implies a series of prerequisites to be considered to ensure its feasibility, consistency, and success.

This deliverable makes available the practical tools that have been used during the experiment in order to ease the process for those territories that would be interested in implementing the methodology. Indeed, CHERRIES consortium is committed to foresee the sustainability of the method and one of the main objectives is to transfer this experimentation to other voluntary “mirror territories” with similar foci (**Exploitation and scaling of impact process**), bringing stakeholders some personalized support to ensure the correct follow-up of the model. In that regard, the experience obtained by the partners during the conduction of the calls and further during the 10 months of co-creation of the solutions, will be essential in coaching the selected mirror regions.

To conclude, the methodology followed to carry out the Call for Solutions based on the previous results of the Call for Needs, led by a societal bottom-up and co-creation involvement approach, gives reliability to the whole model. This also improves the chances to obtain effective results at the end of the experimentation and to release sound tested innovative solutions that could be further deployed in the healthcare practices.



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8 Annexes

Annex 1 – Call for Solutions

Annex 1a – (First) Call for Solutions – Region of Örebro (SE)

Annex 1b – Call for Solutions – Republic of Cyprus (CY)

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CHERRIES Partners



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Annex 1a – Call for Solutions – Region of Örebro (SE)



CHERRIES
RESPONSIBLE HEALTHCARE ECOSYSTEMS

CHERRIES Call for Solutions in Örebro

February 12th, 2021



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1 ABOUT CHERRIES

The main aim of CHERRIES project is to support healthcare research and innovation policy and pilot actions by interlinking Responsible Research and Innovation (RRI), demand-side policy and territorial innovation models. This pilot innovation process is being implemented and tested in the territories of Murcia (ES), Örebro (SW) and the Republic of Cyprus (CY). Subsequently, three additional Mirror territories will be supported in adopting the CHERRIES model. The model applies RRI methods in the innovation process, not only contributing to more innovative territorial environments but also to more suitable single innovations that therefore have a higher chance of being widely adopted and establish them successfully on the market. With this innovative design processes, the project contributes to more open, transparent and democratic R&I systems in the engaged territories and beyond, creating societal, democratic, environmental, economic and scientific impacts as well as tackling transformation processes of the organizations involved.

This call is part of the pilot actions to be developed in each of the participant territories and aims to give solution to a need that has been previously selected in an open process in each region with the final objective of stimulating institutional reflection processes on how to innovate products and services connected to the healthcare sector through participatory approaches.

2 CHERRIES APPROACH FOR CO-CREATION

In order to guarantee that the developed solutions are aligned with the values, needs and expectations of the society, CHERRIES foster the engagement of societal actors, professionals and patients, therefore the development of the solution needs to include interactions with all the actors (healthcare, professionals and patients) including mainly those involved in the definition of the need.

In each participant region a “co-creation team” will be established which will include the solution provider, the stakeholder(s) who identified the need(s), healthcare organisation personnel (e.g. innovation unit, IT, legal, etc) as well as representatives of the civil society (e.g. patient groups). The co-creation teams will arrange an initial number of meetings over the 10 months implementation period to exchange technical information and monitor the development of the pilot.

The whole co-creation program will last a maximum of 10 months, from June 2021 to April 2022 and a Grant Agreement will be signed among the funding partner of project CHERRIES, the solution provider and a representative of the team that defined the need to be solved.

The solution provider will also receive business support by the CHERRIES consortium. The project will consult in questions of business modelling, access to private investors and commercialisation. At pilot end, each solution provider will deliver the solution and deliverables as defined in the Grant Agreement. A local “review committee” - again consisting of a broad customer, potential users and civil society will then reviews the solution.

3 CHERRIES OPEN CALL FOR SOLUTIONS

We seek innovative solutions to reach elderly people that are in need for social contacts, but often are hard to reach, the loneliest and often unengaged groups that we do not reach today. The received



solutions must be developed together with the target group (involuntarily single elderly people in need of a social context) and the actors involved (e.g. business, civil society and the public sector.)

The solution that is granted funding will be conducted as a pilot project for a maximum of 10 months (June 2021-April 2022), with the potential to continue to be conducted after the project period is over and the potential to be scaled up and disseminated.

Co-creation of a solution together with the target group or other stakeholders around the target group (e.g. health care, social services or civil society organisations) should be an important part of the project.

3.1 Description of the need

During the autumn of 2020, an inventory in the area of the elderly's mental health was made, where businesses, associations and private individuals reported needs from their perspective. The collected needs concerned involuntary loneliness and the need for social contacts in various ways as well as the challenge of reaching those most in need. Involuntary loneliness is a concern especially for elderly people that significantly impacts the mental health of some patients. Long-term loneliness could result in self-isolation from social contacts and society in general. Expectations that others will make contact, is rooted in a perception that elderly do not want to be a burden to family and society. Therefore, people with the greatest need for social contacts can be difficult to reach with various efforts that aim to break the loneliness and offer a social context. In groups that are easier to reach, people have often understood that there is a connection between loneliness and lack of social contacts, and in this perspective they see a benefit in being involved and participating in various forms of activities.

As described above, involuntary loneliness is often a problem in elderly and thus the demographic development and general aging of European societies will exacerbate this problem in the coming years.

In Sweden, already almost a quarter of the population is over 65 years old. The three municipalities targeted by this call (Degerfors, Karlskoga, Laxå) are even above this national average. The share of people older than 65 is around a quarter and the one older than 80 is around 10% of the total population of these municipalities. Of these elderly people, around 20-30% live at home but receive support of municipality services while another 6-12% of these people live in care homes. While in general, mental well-being is not a problem that only affects people above 65 – on population level, the share of reported problems was even lower than in the population as such – but at the same time high shares of antidepressants, number of suicides, problems with sleeping and anxiety are more pronounced in this groups. These issues can often be tracked down to loneliness and the need of social contacts. There are different kinds of loneliness:

- Existential - we feel that our innermost thoughts and feelings cannot be shared, that no one really listens or understands.
- Social - you lack ties to friends and acquaintances with whom you feel connected or can be entrusted with.
- Emotional - you lack a partner that you can trust in depth.

Loneliness can be voluntary or involuntary. It can be objective or subjective. The feeling of loneliness then exceeds the actual loneliness. The focus of this call is involuntary loneliness and, thus, people who feel lonely but do not want to be.



Social relationships are a basic human need and serve as a protective factor for physical and mental health. Social support includes, among other things, practical and emotional support. Older people with access to social support, are generally in a good position to cope with everyday life. People who have no one to share their innermost feelings with, are predominantly living alone. This is affecting around a fifth of the people of this group. The share of people older than 65 who live alone is approximately 45% in all three municipalities. While, these number delimit the group at risk, it, however, does not mean that they are all suffering from loneliness. Living alone can be voluntary or involuntary for the elderly just as much as for the young. In general, older people more often suffer from involuntary loneliness in connection with the death of life partners and friends. Among single people, more than one in three is affected by loneliness, which is a significantly higher share than for people living in a partnership. Even if there are people close (e.g., healthcare staff), people may suffer from loneliness as it is more about the quality of the relationships.

Thus, the challenge in the context of this call is to find the persons who are involuntary lonely and offer them social contacts. While, the activities of associations, civil society organisations, municipalities and the like, offer a variety of services and social gatherings, they often presuppose physical presence and the elderly getting there by themselves. Therefore, we need new approaches to identifying and engaging the group of elderly people, especially the at-risk group, that are often not reached on a daily basis in order to reduce the burden of involuntary loneliness.

3.2 What can project funding be applied for?

The applied project funds can be used to testing new solutions to counteract involuntary loneliness and meet the elderly's need for social contacts. This can involve social, organizational or technical solutions or a combination of these.

Please note that funds not allow you to finance an already ongoing activity / service. Proposed solutions may build upon existing services but must clearly indicate the foreseen novelty of the solution and how it this different from ongoing practices. Further, the benefit from this extension for the identified target groups must be shown, and a convincing argument why this funding is essential for the extension of that service must be made.

The solution must be carried out / offered in all or parts of the municipalities in the western part of Örebro County (Degerfors, Karlskoga and Laxå). However, the pilot project does not have to be limited to these; a larger geographical area is possible.

The actors can apply for project funding of a maximum of EUR 50,000. The grant is intended to cover project costs such as actual personnel costs, external services as well as travel and accommodation. There is a template for the budget to support the calculation of project costs, see the announcement's website.

3.3 Who can apply for project funding

Associations, companies, public enterprises and other types of organisations registered as legal entities in EU or [EU/H2020 associated country](#) can apply for project funding. Private individuals cannot apply for funds.



The application has a main applicant association, company, public activity or other type of organisation. The application must state if more actors are involved in the solution.

Actors who are granted project funding do not need to be connected to the western part of Örebro County (including the municipalities of Degerfors, Karlskoga and Laxå) but must be able to offer their solution in all or parts of this area.

As the co-creation process will be carried out in local language, the applicants will need to be able to communicate with stakeholder groups in Swedish.

3.4 How to apply for funding

Applications should be submitted no later than 15th of April to cherries@regionorebrolan.se.

A fillable PDF template for the application, an excel template for the budget calculation and evaluation criteria can be found at Cherries website. Approved languages for applications are English or Swedish. Please note that the working language for the co-creation process is Swedish.

Questions and related answers regarding the call will be published in a FAQ document at the website.

3.5 Evaluation process

Before the evaluation process starts, the completeness of documentation and eligibility of each submitted proposal will be assessed. In justified cases, the applicants may be requested to provide additional explanations clarifying some inconsistencies of their proposal, but no changes to the application documentation are allowed once the application is submitted. Complementary documentation or information will be electronically requested and submitted via a dedicated email. If so, applicants may dispose on 7-calendar day term to correct or provide documents to complete their initial application.

In the first phase of the evaluation process those applications that fulfil the eligibility criteria will be assessed individually by the Selection Committee. The Selection Committee consists of local CHERRIES partners in Örebro as well as local experts of the field and of innovation.

In the second phase of the evaluation process, the top three applicants will be invited to an online session where they will be able to present to members of the Selection Committee their proposed solutions, and will be able to answer questions from the Selection Committee.

After this session the Selection Committee will meet in order to choose the final solution. The decision of the Selection Committee will be made public and all the applicants will receive a notification of the outcome.



3.5.1 Evaluation criteria

Criteria	Explanation	Marks
Solution: Fit with the particular challenge, potential impact and achievability		
1. Soundness, consistency and excellence of the concept	Extent that proposed work is ambitious, has innovation potential, and is beyond the state of the art, enhancing the innovation capacity and the integration of new knowledge & the implementation of such innovations to the market	1 to 10
2. Solution fit to challenge	Alignment of the solution with the proposed challenge and expected impact	1 to 10
3. Objectives and success indicators	Clearness and achievability of the objectives and relevance of the indicators	1 to 10
Work Plan viability		
5. Credibility of the proposed Work Plan	The work plan is realistic and fits with the CHERRIES calendar	1 to 10
6. Co-creation process	Relevance of the co-creation work and importance given to the co-creation work (objectives and means employed)	1 to 10
7. Experience and skillset of the team	Appropriateness of the team	1 to 10
Sustainability		
8. Market description, scaling and dissemination	Expected market, potential and strategy for scaling and dissemination of the solution	1 to 10
9. Sustainability and engagement	Potential of sustainability of the solution and engagement and interest in the development of the solution	1 to 10
Responsible Research and Innovation¹		
12. Gender Issues	Does the organization have a gender equality plan?	1 to 10
13. Public Engagement	Does the solution contribute to Public engagement?	1 to 10
14. Open Science /Access	Does the solution contribute to Open Science?	1 to 10
15. Science Education	Does the solution contribute to Science Education?	1 to 10
16. Governance	Does the solution contribute to Governance?	1 to 10

¹ CHERRIES model applies Responsible Research and Innovation methods in the innovation process, not only contributing to more innovative territorial environments but also to more suitable single innovations that therefore have a higher chance of being widely adopted and establish them successfully on the market. With these innovative design processes, the project contributes to more open, transparent and democratic R&I systems in the engaged territories and beyond, creating societal, democratic, environmental, economic and scientific impacts as well as tackling transformation processes of the organisations involved.



Applicants will be asked how their organizations implement RRI measures (in case they do). In the application form, there will be questions related to RRI: gender, public engagement, Open Science, Science Education and Governance. The punctuation obtained in this section will only be taken into account in case two or more solutions get the same score. In that case, the punctuation received in this section will be used as tiebreaker.

3.5.3 Tentative calendar

- | | |
|--|-----------------------------|
| • Launch the call | February 2021 |
| • Deadline for applications | 15 th April 2021 |
| • Notification of applicants selected for Oral presentations | 15 May 2021 |
| • Oral presentations | 20 May 2021 |
| • Notification to awarded applicants | May 2021 |
| • Signature of the grant agreement | May 2021 |
| • Kick off meeting | June 2021 |
| • Co-creation process | June 2021 – April 2022 |

3.6 Selected solution provider – Administrative duties

The administrative tasks for the selected solution provider, including activity reporting obligations and related documents will be provided during the negotiation and contracting phase.

3.6.1 Sub-Grant Agreement preparation process

As stated before, selected solution provider will be requested to sign a Grant Agreement. Before the signature of the Grant Agreement, the financial operational capacity of the solution provider will be assessed.

The solution provider will be asked to provide the by mail to Region Örebro County, the funding partner:

- **Legal existence:** Deed or Articles of Association (corporate statutes)
- **Legal representative:** Copy of Power of attorney document (if applicable), National Identity Card
- **Tax Agency Documentation** to evidence the fulfilment of tax obligations
- Certificate of up-to-date Social Security payments to evidence the fulfilment of obligations.
- **Financial statements:** P&L, Balance sheets (from previous year). In the case that it is the first year of activity, it will not be asked any further information.
- **Bank Account information:** IBAN & SWIFT code (if applicable)

The provision of the sub-grant agreement duly signed and listed documents to the Funder duly constitutes proof of acceptance of the grant by the solution provider.

If negotiation with the first candidate of the list eventually fails, negotiation will be initiated with the second candidate (or ulterior candidates, just in case).

A Kick-off meeting with beneficiary solution provider will be scheduled in order to define the detailed planning and workplan of the co-creation phase. The day of this meeting will formally open the co-creation phase that will last for maximum 10 months.



During pilot phase, it is possible to amend the Sub-Grant Agreement upon the request of the Beneficiary and due to justified reasons. CHERRIES will evaluate if the requested amendments are still in line with the objectives of the Call and the evaluation criteria and all other requirements, without a change of the overall score of the project. If the application of amendments is considered as not fulfilling all requirements and evaluation criteria, it will be rejected and the Funder who will notify the beneficiary by email, will give the reasons of refusal. In case of acceptance, an annex to the Sub-Grant Agreement will have to be signed by following the same procedure stated before. Claiming against this decision will not be processed.

3.6.2 Obligations of Beneficiaries

Successful applicants formally accept the following conditions in case of being awarded as Beneficiary solution provider:

- Beneficiaries accept their responsibility on accuracy and veracity of data and documents submitted for proving the fulfilment of the eligibility criteria when submitting their applications.
- Beneficiaries will provide the documentary evidences proving the co-creation and provision of services.
- Beneficiaries are obliged to store the documents for external audit purposes until January 2028 either on paper or electronic version.
- Beneficiaries are in general bound to art. 35 (Conflict of interest), art. 36 (Confidentiality and Data Protection), art. 38 (Visibility of EC funding) and art. 46 (Liability) of the Annotated Model Grant Agreement - AGA of the H2020 Programme, without prejudice to the provisions set out in this Call and in the Sub-Grant Agreement. With regards to art. 38 (Visibility of EC funding), beneficiaries will make references to public funding from EU, including suitable logos, and EU flag. Beneficiaries will include references to CHERRIES project and specifically show that funding is 100% under European Union's Horizon 2020 Research and Innovation Programme - Grant Agreement No. 872873.
- Beneficiaries must ensure that the recipients of the financial support allow the EC, the European Anti- fraud Office (OLAF) and the Court of Auditors to exercise their powers of control, audit and monitoring on documents, information, even stored on electronic media, or on the final recipient's premises, and shall comply with the Regulation for the Protection of the financial interests of the Union.
- Beneficiaries shall implement the Services in compliance with all the conditions and obligations set out in [Regulation \(EU\) 1290/2013](#), the Call and the Sub-Grant Agreement. Beneficiaries shall make no commitments which are incompatible with the Regulation or the Sub-Grant Agreement.
- Beneficiaries shall implement the Services and shall take all necessary and reasonable measures to that end. They shall have the appropriate resources as and when needed for carrying out the Services.

3.7 Payment

Payment of granted funds will be done in arrears for the costs that have been paid and meet the requirements for eligible costs. The solution provider can have part of the granted funds paid in advance by agreement.

The solution provider must keep track of their expenditures and provide records in case an auditor asks them to provide information. These records must be kept for at least 4 years after the end of CHERRIES.



3.8 Questions

Please submit your questions to cherries@regionorebrolan.se. Please notice that all questions and related answers will be published in the CHERRIES website.

4 ETHICS

All data collected within this project will be carefully protected in compliance with relevant national data protection legislation of the EU member states implementing the General Data Protection Regulation (GDPR), which replaces the European directive 95/46/EC. All research is designed and undertaken to ensure *"the right to privacy, the right to protection of personal data, the right to the physical and mental integrity of a person, the right to non-discrimination"*, following article 19 of the Regulation 1291/2013 of the European Parliament and of the Council. Personal data will be of qualitative and quantitative nature encompassing also audio-visual formats. Personal data will be stored in a way to not allow the identification of the subjects. CHERRIES will not publish any personal data unless participants have explicitly given their permission. Publications based on personal data will only report aggregated data and shall not contain information that may permit the identification of individual participants unless otherwise agreed.

As it is one of the project's core concerns, CHERRIES ensures transparency and accountability for data collection processes, data ownership, and data storage, by upholding the right for participants' informed consent and their right to withdraw their participation in the studies overtaken at any time.

All the actions carried out within CHERRIES project must follow these ethic rules:

- Participants will be ensured with full protection for their personal data unless they agree otherwise. Moreover, participants will be informed that researchers shall protect them when desired. Personal data will be anonymized and not be shared with third parties. Data will be collected and stored securely.
- Participants will sign an informed consent that will provide as much information as possible about the project so that they can take an informed decision about their possible involvement and the continuation of their involvement. The purpose of the project will be explained both orally and through an information sheet. The consent form and information sheet which will be prepared shall be in the participant language and will use terms fully understandable to the potential participants. Participants will be asked to read, fill in, date and sign it in written declaring that they have read and understood the information.
- If participants inform the researchers of their decision to withdraw the consent which they may have given previously to participate in the action, either in the light of their experience of participating in the study, or as a result of the debriefing which takes place after data collection is complete, the researchers will proceed to permanently destroy the data provided.
- No minors will be involved in any of the activities carried out within CHERRIES project.

The mere fact of participating in this Open Call means that the participants knows and fully accepts the present rules.

CHERRIES Partners



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Annex 1b – Call for Solutions – Republic of Cyprus (CY)



CHERRIES
RESPONSIBLE HEALTHCARE ECOSYSTEMS

Cyprus Call for Solutions Application Manual

February, 2021



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1. About Cherries

The main aim of CHERRIES project is to support healthcare research and innovation policy and pilot actions by interlinking Responsible Research and Innovation (RRI), demand-side policy and territorial innovation models. This pilot innovation process is being implemented and tested in the territories of Murcia (ES), Örebro (SW) and the Republic of Cyprus (CY). Subsequently, three additional Mirror territories will be supported in adopting the CHERRIES model. The model applies RRI methods in the innovation process, not only contributing to more innovative territorial environments but also to more suitable single innovations that therefore have a higher chance of being widely adopted and establish them successfully on the market. With this innovative design processes, the project contributes to more open, transparent and democratic R&I systems in the engaged territories and beyond, creating societal, democratic, environmental, economic and scientific impacts as well as tackling transformation processes of the organizations involved.

This call is part of the pilot actions to be developed in each of the participant territories and aims to give solution to a need that has been previously selected in an open process in each region with the final objective of stimulating institutional reflection processes on how to innovate products and services in the healthcare sector through participatory approaches.

2. Cherries approach for co-creation

In order to guarantee that the developed solutions are aligned with the values, needs and expectations of the society, CHERRIES foster the engagement of societal actors, professionals and patients, therefore the development of the solution needs to include interactions with all the actors (healthcare, professionals and patients) including mainly those involved in the definition of the need.

In each participant region a “co-creation team” will be established which will include the solution provider, the stakeholder(s) who identified the need(s), healthcare organization personnel (e.g., innovation unit, IT, legal, etc.) as well as representatives of the civil society (e.g., patient groups). The co-creation teams will arrange an initial number of meetings over the 10 months implementation period to exchange technical information and monitor the development of the pilot.

The whole co-creation Program will last a maximum of 10th months, from June 2021 to April 2022 and a Grant Agreement will be signed among the funding partner of project CHERRIES, the solution provider and a representative of the team that defined the need to be solved.

The solution provider will also receive business support by the CHERRIES consortium. The project will consult in questions of business modelling, access to private investors and commercialization. At pilot end, each solution provider will deliver the solution and deliverables as defined in the Grant Agreement. A local “review committee” - again consisting of a broad customer, potential users and civil society will then reviews the solution.



3. Cherries Open Call for Solutions

3.1 The need to tackle

We are looking for eHealth solutions that provide: **"Provision of medical services to the Cypriot citizens that live in rural and remote areas and do not have easy access to healthcare services and prescribed medicines"**

The aim is to provide accessibility and quality of medical services to the population of our villages (or anybody else with no easy access to medical canters and health professionals) without them having to travel long distances or cross checkpoint borders to gain access to healthcare services.

The selected solution will receive €50.000 funding through the CHERRIES project and will be required under contract agreement; to deploy a 10-month pilot of the proposed solution in collaboration with CyRIC and Aretaeio Hospital which is the pilot partner of the solution.

Ideas and potential challenges to be solved

- 1 Remote visits to the doctor - where the doctor will interact with the patient via video call and with the assistance of the local nurse will get the information and data needed for a diagnosis to be made. He will then give (written) instructions to the nurse and patient about the next actions to be made. He will prescribe any necessary medication. The prescription will be forwarded to the Government Office responsible to provide the medication to the patients.
- 2 Chronic patients (e.g diabetics, cardiovascular) who need monitoring based on daily measurements can provide, with the assistance of the local nurse, the measurements that will allow the doctor to monitor their progress and status.
- 3 Physiotherapy - patients who need to exercise for a specific problem can attend sessions with a physio via Videocalls.
- 4 Guidelines on how to approach crises and follow protocols such as the Covid-19 pandemic.
- 5 Guidance to the professional care staff on how to deal with emergencies and accidents until further support arrives.
- 6 Collecting the needs and managing logistics of supplies e.g vaccines, prescribed medicine .
- 7 Any potential solution that fulfils the requirements of the challenge of providing access and high quality services to citizens in healthcare services.

Why eHealth solutions for health and medical professionals?

Cyprus, an island in the Mediterranean boasts of a plethora of rural and remote idyllic landscapes with villages and communities spread in mountainous areas and seashores. A significant amount of the population of the island lives in these areas whilst the majority of them are adults or elderly. Their healthcare needs are growing over time and the commute for even simple diagnostics or basic medical treatment is becoming increasingly demanding and difficult, especially in the pandemic era where restriction measures and social distancing are strict and inevitable.

Health care in the Republic of Cyprus has been improving substantially with the recent long-anticipated implementation of a comprehensive National Health -care System, which is set to make the sector more streamlined and cost effective.

Major challenges face today's health care system for which health professionals including public and private hospitals and clinics, must be prepared. There is an immense need for better coordination, communication,



and more efficient processes within the hospital but also with the patient experience as well as other key stakeholders of the health care ecosystem. In addition, we have both a culture and organization of care that separate our care into distinct systems such as hospitals, home care, skilled nursing facilities, with little formal communication, relationships, or collaboration between and among those settings.



3.2 Who can apply? Application requirements

In order for an applicant to be eligible to apply, the applicant should be

- A registered legal entity in Cyprus or any other EU or EU Horizon 2020 associated country
- Being located in any EU country or any other EU Horizon 2020 associated country
- Being able to communicate in the local language during the co-creation

Applications must be submitted in the online form no later than the 15th of April of 2021, 17:00 CET time, [here](#)

Applications will consist of the following items:

- The Proposal must follow the templates of the **Application Form** provided for this purpose in the CHERRIES website.
- **Declaration of honour duly consent through the form.** The beneficiaries must certify that all information provided is correct. They must also be completely committed to participate in the project that they are submitting and comply with the eligibility criteria. The declaration of honour states also that this very same project proposal does not receive funds elsewhere.

3.3 Evaluation Process

The selection and evaluation process initiates after the application submission and consists of the Eligibility Check done by CyRIC and Aretaieio Hospital and the qualitative Evaluation performed by a Selection Committee for the eligible proposals.

The Call evaluation process is structured as follows:

1. **Eligibility Check.** A first review will be performed by the Funder, prior to send it to the Committee for evaluation who will check the eligibility criteria.
2. **Proposal evaluation.** A Selection Committee will evaluate all eligible proposals. Members of a Selection Committee will evaluate and mark each of the submitted proposals by filling the Evaluation Template. They are not allowed to contact the applicants at any stage of the evaluation.



3. **Oral presentations.** The three best evaluated applications of the challenge will be selected for oral presentations. Each oral presentation will be evaluated by the Selection Committee, using the same evaluation template as the one used for written proposals.
4. **Proposal selection.** All the applicants will be informed by Email on the results of the evaluation process which will also be published in the CHERRIES website.

3.3.1 Evaluation Criteria

Each eligible proposal will be evaluated by a Selection Committee. Evaluators will score and rank each proposal according to a grid consisting of a quantitative score for each evaluation criteria. Each criterion is subdivided into several sub-criteria as described in the table below.

Criteria	Explanation (only internal, not be published)	Marks
Solution excellence: Fit with the particular challenge		
1. Soundness and consistency of concept	Extent that proposed work is ambitious, has innovation potential, and is beyond the state of the art, enhancing the innovation capacity and the integration of new knowledge & the implementation of such innovations to the market	1 to 10
2. Solution fit to challenge in an innovative approach and Compliance	Alignment of the solution with the proposed challenge	1 to 10
3. Excellence	Viability and cost-effectiveness of the technological solution	1 to 10
Potential Impact		
4. Solution expected Impact	Clarity and pertinence of objectives and indicators	1 to 10
Work Plan viability		
5. Credibility of the proposed Work Plan	It fits with the CHERRIES calendar	1 to 10
6. Co-creation intensity	Importance given to the co-creation work (objectives and means employed)	1 to 10
Team experience		
7. Experience and skillset of the team	Appropriateness of the team	1 to 10
Business sustainability		
8. Market description and commercialisation strategy	Expected market and go-to market strategy	1 to 10
9. Commercialisation potential: Likelihood of future market exploitation	Effectiveness of eventual implementation plan of the project's results (including explanation of IPR management, if applicable)	1 to 10
10. Business commitment	Interest of the company in the solution	1 to 10
Responsible Research and Innovation¹		
12. Gender Issues	Does the organization have a gender equality plan?	1 to 10
13. Public Engagement	Does the solution contribute to Public engagement?	1 to 10
14. Open Science /Access	Does the solution contribute to Open Science?	1 to 10
15. Science Education	Does the solution contribute to Science Education?	1 to 10

¹ CHERRIES model applies Responsible Research and Innovation methods in the innovation process, not only contributing to more innovative territorial environments but also to more suitable single innovations that therefore have a higher chance of being widely adopted and establish them successfully on the market. With these innovative design processes, the project contributes to more open, transparent, and democratic R&I systems in the engaged territories and beyond, creating societal, democratic, environmental, economic and scientific impacts as well as tackling transformation processes of the organisations involved.



Applicants will be asked how their organizations implement RRI measures (in case they do). In the application form, there will be questions related to RRI: gender, public engagement, Open Science, Science Education and Governance. The punctuation obtained in this section will only be taken into account in case two or more solutions get the same score. In that case, the punctuation received in this section will be used as tiebreaker.

3.4 Awarded solution: Administrative duties

The administrative tasks for the selected Solution, including activity reporting obligations and related documents will be provided during the negotiation and contracting phase.

3.4.1 Sub-Grant Agreement Preparation Process

As stated before, awarded Solution Providers will be requested to sign a Grant Agreement. Before the signature of the Grant Agreement, the financial operational capacity of the solution provider will be assessed. The Solution Provider will be asked to provide the following, by mail to CyRIC, the funding partner:

- **Legal existence:** Deed or Articles of Association (corporate statutes)
- **Legal representative:** Copy of Power of attorney document (if applicable), National Identity Card
- **Tax Agency Documentation** to evidence the fulfilment of tax obligations
- **Certificate of up-to-date Social Security payments** to evidence the fulfilment of obligations.
- **Financial statements:** P&L, Balance sheets (from previous year). In the case that it is the first year of activity, it will not be asked any further information.
- **Bank Account information:** IBAN & SWIFT code (if applicable)

The provision of the sub-grant agreement duly signed and listed documents to the Funder duly constitutes proof of acceptance of the Grant by the Solution Provider.

If negotiation with the first candidate of the list eventually fails, negotiation will be initiated with the second candidate (or ulterior candidates, just in case).

A Kick-off meeting with beneficiary solution provider will be scheduled in order to define the detailed planning and workplan of the co-creation phase. The day of this meeting will formally open the co-creation phase that will last for maximum 10 months.

During Co-creation, it is possible to amend the Sub-Grant Agreement upon the request of the Beneficiary and due to justified reasons. CHERRIES will evaluate if the requested amendments are still in line with the objectives of the Call and the evaluation criteria and all other requirements, without a change of the overall score of the project. If the application of amendments is considered as not fulfilling all requirements and evaluation criteria, it will be rejected and the Funder who will notify the beneficiary by email, will give the reasons of refusal. In case of acceptance, an annex to the Sub-Grant Agreement will have to be signed by following the same procedure stated before. Claiming against this decision will not be processed.

3.4.2 Obligations of Beneficiaries

Successful applicants formally accept the following conditions in case of being awarded as Beneficiary Solution Providers:

- Beneficiaries accept their responsibility on accuracy and veracity of data and documents submitted for proving the fulfilment of the eligibility criteria when submitting their applications.
- Beneficiaries will provide the documentary evidence proving the co-creation and provision of services.
- Beneficiaries are obliged to store the documents for external audit purposes until January 2028 either



on paper or electronic version.

- Beneficiaries are in general bound to art. 35 (Conflict of interest), art. 36 (Confidentiality and Data Protection), art. 38 (Visibility of EC funding) and art. 46 (Liability) of the Annotated Model Grant Agreement - AGA of the H2020 Programme, without prejudice to the provisions set out in this Call and in the Sub-Grant Agreement. With regards to art. 38 (Visibility of EC funding), beneficiaries will make references to public funding from EU, including suitable logos, and EU flag. Beneficiaries will include references to CHERRIES project and specifically show that funding is 100% under European Union's Horizon 2020 Research and Innovation Programme - Grant Agreement No. 872873.
- Beneficiaries must ensure that the recipients of the financial support allow the EC, the European Anti-fraud Office (OLAF) and the Court of Auditors to exercise their powers of control, audit and monitoring on documents, information, even stored on electronic media, or on the final recipient's premises, and shall comply with the Regulation for the Protection of the financial interests of the Union.
- Beneficiaries shall implement the Services in compliance with all the conditions and obligations set out in [Regulation \(EU\) 1290/2013](#), the Call and the Sub-Grant Agreement. Beneficiaries shall make no commitments which are incompatible with the Regulation or the Sub-Grant Agreement.
- Beneficiaries shall implement the Services and shall take all necessary and reasonable measures to that end. They shall have the appropriate resources as and when needed for carrying out the Services.

3.4.3 Tentative Calendar

- | | |
|--------------------------------------|--------------------------------|
| • Launch the call | 15 th February 2021 |
| • Deadline for applications | 15 th April 2021 |
| • Communication of SMEs selected for | |
| Oral presentations | 15 May 2021 |
| • Oral presentations | 20 May 2021 |
| • Notification to awarded firms | May 2021 |
| • Signature of the grant agreement | May 2021 |
| • Kick off meeting | June 2021 |
| • Co-creation process | June 2021 – April 2022 |

3.5 Funding Scheme

The awarded solution provider will receive a lump sum of 50.000€. The grant is intended to cover all the costs required to develop the pilot project such as actual personnel costs, as well as travel and accommodation.

First payment: Once the signature of the Sub-Grant Agreement is completed and the Funder has sent one copy back to the Solution Provider, the Solution Provider may request for an advanced payment of the amount agreed (%) during the negotiation of the grant agreement. Such an advanced financial support will incentive Solution Providers to technically interact with Challengers within the co-creation phase.

Second payment: The second payment of the agreed amount (%) will be made after a mid-review report is delivered and validated (M5 of the co-creation)

Final payment: The final payment will be made after deliverance of the final report and subject to



the validation after Co-creation.

3.6 Language

Although **the working language will be the local language**, any Deliverables shall be in English. Any other internal report to be shared with the professionals from the challenger could either be in English or in local language.

3.7 Monitoring and reporting

As briefly explained in section 2, the awarded solution will have to take part of a co-creation process where different stakeholders will be involved. In this sense a minimum of 4 meetings including the kickoff will have to be organized with the rest of the co-creation team in order to assess the development of the pilot and plan the consequent steps to follow.

Templates and specific indications for reporting & payment will be delivered by CyRIC and Aretaieio to the Solution provider during the implementation of co-creation and reporting. More precisely, templates are intended to enable Solution Providers to accreditate their activities and interaction with both Challenge Owners & stakeholders during co-creation, as well as to report on the eligible costs incurred. The solution provider must keep track of their expenditures and provide records in case an auditor asks them to provide information. These records must be kept for at least 4 years after the end of CHERRIES.

Two reporting periods are foreseen:

- Progress report in month 5 of the co-creation process. In month 5 of the co-creation process, the Solution Provider will send a first report on the status of the activities to CyRIC, once this report is approved the second payment will be made.
- Final report: 30 days after the end of the co-creation process, the Solution Provider will send to CyRIC the final report including all the required technical and financial information.

3.8 IPR

Intellectual Property Rights will remain with the solution provider unless the agreement for the co-creation requires otherwise or a different settlement.

3.9 Useful Documents

All the Open Call Templates can be download as a package in the website <https://www.cherries2020.eu/>

The Open Call documents contains:

- Call for solutions Cyprus flyer
- Application Form Link [here](#)
- Healthtech Innovation Readiness Level reference matrix (Q18 of the form)

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3.10 Questions

Mr. Moyses Moyses (EUBIC CyRIC): m.moyseos@cyric.eu 22282895

Mr. Stylianos Yiallourous (Aretaieion Private Hospital): s.yiallourous@aretaeio.com 22200602

Please notice that all questions and related answers will be published in the CHERRIES website.



4. Ethics

All data collected within this project will be carefully protected in compliance with relevant national data protection legislation of the EU member states implementing the General Data Protection Regulation (GDPR), which replaces the European directive 95/46/EC. All research is designed and undertaken to ensure *"the right to privacy, the right to protection of personal data, the right to the physical and mental integrity of a person, the right to non-discrimination"*, following article 19 of the Regulation 1291/2013 of the European Parliament and of the Council. Personal data will be of qualitative and quantitative nature encompassing also audio-visual formats. Personal data will be stored in a way to not allow the identification of the subjects. CHERRIES will not publish any personal data unless participants have explicitly given their permission. Publications based on personal data will only report aggregated data and shall not contain information that may permit the identification of individual participants unless otherwise agreed.

As it is one of the project's core concerns, CHERRIES ensures transparency and accountability for data collection processes, data ownership, and data storage, by upholding the right for participants' informed consent and their right to withdraw their participation in the studies overtaken at any time.

All the actions carried out within CHERRIES project must follow these ethic rules:

- Participants will be ensured with full protection for their personal data unless they agree otherwise. Moreover, participants will be informed that researchers shall protect them when desired. Personal data will be anonymized and not be shared with third parties. Data will be collected and stored securely.
- Participants will sign an informed consent that will provide as much information as possible about the project so that they can take an informed decision about their possible involvement and the continuation of their involvement. The purpose of the project will be explained both orally and through an information sheet. The consent form and information sheet which will be prepared shall be in the participant language and will use terms fully understandable to the potential participants. Participants will be asked to read, fill in, date and sign it in written declaring that they have read and understood the information.
- If participants inform the researchers of their decision to withdraw the consent which they may have given previously to participate in the action, either in the light of their experience of participating in the study, or as a result of the debriefing which takes place after data collection is complete, the researchers will proceed to permanently destroy the data provided.
- No minors will be involved in any of the activities carried out within CHERRIES project.

The mere fact of participating in this Open Call means that the participants know and fully accepts the present rules.



CHERRIES Partners



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement n° 872873. This document reflects only the author's view and the Commission is not responsible for any use that may be made of the information it contains.



Annex 1c – Call for Solutions – Murcia (ES)



Murcia Call for Solutions

February, 2021





Call for solutions to solve the challenge of Early detection of progression in Multiple Sclerosis - Murcia

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This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement n° 872873. This document reflects only the author's view and the Commission is not responsible for any use that may be made of the information it contains.



1. ABOUT CHERRIES

The main aim of CHERRIES project is to support healthcare research and innovation policy and pilot actions by interlinking Responsible Research and Innovation (RRI), demand-side policy and territorial innovation models. This pilot innovation process is being implemented and tested in the territories of Murcia (ES), Örebro (SW) and the Republic of Cyprus (CY). Subsequently, three additional Mirror territories will be supported in adopting the CHERRIES model. The model applies RRI methods in the innovation process, not only contributing to more innovative territorial environments but also to more suitable single innovations that therefore have a higher chance of being widely adopted and establish them successfully on the market. With this innovative design processes, the project contributes to more open, transparent and democratic R&I systems in the engaged territories and beyond, creating societal, democratic, environmental, economic and scientific impacts as well as tackling transformation processes of the organizations involved.

This call is part of the pilot actions to be developed in each of the participant territories and aims to give solution to a need that has been previously selected in an open process in each region with the final objective of stimulating institutional reflection processes on how to innovate products and services in the healthcare sector through participatory approaches.

2. CHERRIES APPROACH FOR CO-CREATION

In order to guarantee that the developed solutions are aligned with the values, needs and expectations of the society, CHERRIES foster the engagement of societal actors, professionals and patients, therefore the development of the solution needs to include interactions with all the actors (healthcare, professionals and patients) including mainly those involved in the definition of the need. In the case of Murcia they are: EMACC the Association for Multiple Sclerosis of Cartagena, the Biomedical Engineering group from the Polytechnic University of Cartagena and the Neurology Service of Cartagena Hospital.

In each participant region a “co-creation team” will be established which will include the solution provider, the stakeholder(s) who identified the need(s), healthcare organisation personnel (e.g. innovation unit, IT, legal, etc) as well as representatives of the civil society (e.g. patient groups). The co-creation teams will arrange an initial number of meetings over the 10 months implementation period to exchange technical information and monitor the development of the pilot.

The whole co-creation Programme will last a maximum of 10th months, from June 2021 to April 2022 and a sub-Grant Agreement will be signed among the funding partner of project CHERRIES, the solution provider and a representative of the team that defined the need to be solved.

The solution provider will also receive business support by the CHERRIES consortium. The project will consult in questions of business modelling, access to private investors and commercialisation. At pilot end, each solution provider will deliver the solution and deliverables as defined in the sub-Grant Agreement. A local “review committee” - again consisting of a broad customer, potential users and civil society will then reviews the solution.



3. CHERRIES OPEN CALL FOR SOLUTIONS

3.1 The need to Tackle

The **main objective** of the challenge is to create and validate a more agile, comfortable and sensitive solution for the detection of progression in MS based on the daily recording of gait disturbances, manual dexterity and cognitive assessment, and the relationship of the latter with fatigue and mood.

The of the main aim is to achieve the **early detection of the progression in Multiple Sclerosis** applying sensors to patients by internet of things (IoT) further than current test face to face every 6 or 12 months. The main aim is to carry out a **controlled clinical trial** with at least 30 patients during 5 months.

You can find the whole description of the need and the offer of cooperation from the challenger group in the document: Complete description of the Challenge.

3.2 Who can apply? Application requirements

Any legal entity registered in the EU or [H2020 associated countries](#) can apply. Please note that the co-creation process will be carried out in Spanish, so applicants must be able to communicate in that language.

CEEIM will review each application in conformity with the eligibility criteria. The Applicants might be requested to provide additional explanations clarifying, in particular, their legal status, but no changes to the Application documentation are allowed once the Application is submitted. If so, applicants may dispose on 7- calendar day term to correct or provide documents to complete their initial application.

3.3 How to apply? Application process

Applications must be sent in English in PDF format no later than the 15th of April of 2021, 17:00 CET time, to the Email Address: CHERRIES@ceeim.es.

Applications will consist of the following items:

- The Proposal must follow the templates of the **Application Form** provided for this purpose in the CHERRIES website.
- **Declaration of honour duly signed.** The beneficiaries must certify that all information provided is correct. They must also be completely committed to participate in the project that they are submitting and comply with the eligibility criteria. The declaration of honour states also that this very same project proposal does not receive funds elsewhere.

Please note that only full applications will be taken into account, those with missing information or answers will be discarded.

3.4 Evaluation process

The selection and evaluation process initiates after the application submission and consists of the Eligibility Check done by the Centro Europeo de Empresas e Innovación (CEEIM) as Funding partner and the qualitative Evaluation performed by a Selection Committee for the eligible proposals.

The Call evaluation process is structured as follows:

1. **Eligibility Check.** A first review will be performed by the Funder, prior to send it to the Committee for evaluation who will check the eligibility criteria.
2. **Proposal evaluation.** A Selection Committee will evaluate all eligible proposals. Members of a



Selection Committee will evaluate and mark each of the submitted proposals by filling the Evaluation Template. They are not allowed to contact the applicants at any stage of the evaluation.

3. **Oral presentations.** The three best evaluated applications per challenge will be selected for oral presentations. Each oral presentation will be evaluated by the Selection Committee, using the same evaluation template as the one used for written proposals. These presentations will be in the co-creation language, Spanish.
4. **Proposal selection.** All the applicants will be informed by Email on the results of the evaluation process which will also be published in the CHERRIES website.

3.4.1 Evaluation criteria

Each eligible proposal will be evaluated by a Selection Committee. Evaluators will score and rank each proposal according to a grid consisting of a quantitative score for each evaluation criteria. Each criterion is subdivided into several sub-criteria as described in the table below.

Criteria	Explanation (only internal, not be published)	Marks
Solution excellence: Fit with the particular challenge		
1. Soundness and consistency of concept	Extent that proposed work is ambitious, has innovation potential, and is beyond the state of the art, enhancing the innovation capacity and the integration of new knowledge & the implementation of such innovations to the market	1 to 10
2. Solution fit to challenge in an innovative approach and Compliance	Alignment of the solution with the proposed challenge	1 to 10
3. Excellence	Viability and cost-effectiveness of the technological solution	1 to 10
Potential Impact		
4. Solution expected Impact	Clarity and pertinence of objectives and indicators	1 to 10
Work Plan viability		
5. Credibility of the proposed Work Plan	It fits with the CHERRIES calendar	1 to 10
6. Co-creation intensity	Importance given to the co-creation work (objectives and means employed)	1 to 10
Team experience		
7. Experience and skillset of the team	Appropriateness of the team	1 to 10
Business sustainability		
8. Market description and commercialisation strategy	Expected market and go-to market strategy	1 to 10
9. Commercialisation potential: Likelihood of future market exploitation	Effectiveness of eventual implementation plan of the project's results (including explanation of IPR management, if applicable)	1 to 10
10. Business commitment	Interest of the company in the solution	1 to 10
Responsible Research and Innovation¹		
12. Gender Issues	Does the organization have a gender equality plan?	1 to 10

¹ CHERRIES model applies Responsible Research and Innovation methods in the innovation process, not only contributing to more innovative territorial environments but also to more suitable single innovations that therefore have a higher chance of being widely adopted and establish them successfully on the market. With these innovative design processes, the project contributes to more open, transparent and democratic R&I systems in the engaged territories and beyond, creating societal, democratic, environmental, economic and scientific impacts as well as tackling transformation processes of the organisations involved.



13. Public Engagement	Does the solution contribute to Public engagement?	1 to 10
14. Open Science /Access	Does the solution contribute to Open Science?	1 to 10
15. Science Education	Does the solution contribute to Science Education?	1 to 10

Applicants will be asked how their organizations implement RRI measures (in case they do). In the application form, there will be questions related to RRI: gender, public engagement, Open Science, Science Education and Governance. The punctuation obtained in this section will only be taken into account in case two or more solutions get the same score. In that case, the punctuation received in this section will be used as tiebreaker.

3.5 Awarded solved: Administrative duties

The administrative tasks for the selected Solution providers, including activity reporting obligations and related documents will be provided during the negotiation and contracting phase.

3.5.1 Sub-Grant Agreement Preparation Process

As stated before, awarded Solution providers will be requested to sign a sub-Grant Agreement. Before the signature of the sub-Grant Agreement, the financial operational capacity of the solution provider will be assessed.

The Solution provider will be asked to provide the by mail to CEEIM, the funding partner:

- **Legal existence:** Deed or Articles of Association (corporate statutes)
- **Legal representative:** Copy of Power of attorney document (if applicable), National Identity Card
- **Tax Agency Documentation** to evidence the fulfilment of tax obligations
- **Certificate of up-to-date Social Security payments** to evidence the fulfilment of obligations.
- **Financial statements:** P&L, Balance sheets (from previous year). In the case that it is the first year of activity, it will not be asked any further information.
- **Bank Account information:** IBAN & SWIFT code (if applicable)

The provision of the sub-grant agreement duly signed and listed documents to the Funder duly constitutes proof of acceptance of the Grant by the Solution provider.

If negotiation with the first candidate of the list eventually fails, negotiation will be initiated with the second candidate (or ulterior candidates, just in case).

A Kick-off meeting with beneficiary solution provider will be scheduled in order to define the detailed planning and workplan of the co-creation phase. The day of this meeting will formally open the co-creation phase that will last for 10 months maximum.

During Co-creation, it is possible to amend the Sub-Grant Agreement upon the request of the Beneficiary and due to justified reasons. CHERRIES will evaluate if the requested amendments are still in line with the objectives of the Call and the evaluation criteria and all other requirements, without a change of the overall score of the project. If the application of amendments is considered as not fulfilling all requirements and evaluation criteria, it will be rejected and the Funder who will notify the beneficiary by email, will give the reasons of refusal. In case of acceptance, an annex to the Sub-Grant Agreement will have to be signed by following the same procedure stated before. Claiming against this decision will not be processed.

3.5.2 Obligations of Beneficiaries



Successful applicants formally accept the following conditions in case of being awarded as Beneficiary Solution providers:

- Beneficiaries accept their responsibility on accuracy and veracity of data and documents submitted for proving the fulfilment of the eligibility criteria when submitting their applications.
- Beneficiaries will provide the documentary evidences proving the co-creation and provision of services.
- Beneficiaries are obliged to store the documents for external audit purposes until January 2028 either on paper or electronic version.
- Beneficiaries are in general bound to art. 35 (Conflict of interest), art. 36 (Confidentiality and Data Protection), art. 38 (Visibility of EC funding) and art. 46 (Liability) of the Annotated Model Grant Agreement - AGA of the H2020 Programme, without prejudice to the provisions set out in this Call and in the Sub-Grant Agreement. With regards to art. 38 (Visibility of EC funding), beneficiaries will make references to public funding from EU, including suitable logos, and EU flag. Beneficiaries will include references to CHERRIES project and specifically show that funding is 100% under European Union's Horizon 2020 Research and Innovation Programme - Grant Agreement No. 872873.
- Beneficiaries must ensure that the recipients of the financial support allow the EC, the European Anti- fraud Office (OLAF) and the Court of Auditors to exercise their powers of control, audit and monitoring on documents, information, even stored on electronic media, or on the final recipient's premises, and shall comply with the Regulation for the Protection of the financial interests of the Union.
- Beneficiaries shall implement the Services in compliance with all the conditions and obligations set out in [Regulation \(EU\) 1290/2013](#), the Call and the Sub-Grant Agreement. Beneficiaries shall make no commitments which are incompatible with the Regulation or the Sub-Grant Agreement.
- Beneficiaries shall implement the Services and shall take all necessary and reasonable measures to that end. They shall have the appropriate resources as and when needed for carrying out the Services.

3.5.3 Tentative calendar

- | | |
|---|-----------------------------|
| • Launch the call | February 2021 |
| • Deadline for applications | 15 th April 2021 |
| • Communication of SMEs selected for Oral presentations | May 2021 |
| • Oral presentations | 20 May 2021 |
| • Notification to awarded firms | May 2021 |
| • Signature of the sub-Grant Agreement | May 2021 |
| • Kick off meeting | June 2021 |
| • Co-creation process | June 2021 – April 2022 |

3.6 Funding Scheme

The awarded solution providers will receive a lump sum of up to 50.000€. The grant is intended to cover all the costs required to develop the pilot project such as actual personnel costs, as well as travel and accommodation. In the application form, applicants will have to provide a budget breakdown with the foreseen costs.

First payment: Once the signature of the Sub-Grant Agreement is completed and the Funder has sent one copy back to the Solution provider, the Solution provider may request for an advanced payment of the 40% of the grant to CEEIM. Such an advanced financial support will incentive Solution providers to technically interact with Challengers within the co-creation phase. In Murcia Region a bank guarantee will



be required to Solution providers.

Second payment: The second payment of 40% will be made after a mid-review report is delivered and validated.

Final payment: The final payment will be made after deliverance of the final report and subject to the validation after Co-creation.

3.7 Language

Although **the working language will be the Spanish** all the Deliverables shall be in English. Any other internal report to be shared with the professionals from the challenger should be in Spanish.

3.8 Monitoring and reporting

As briefly explained in section 2, the awarded solved will have to take part of a co-creation process where different stakeholders will be involved. In this sense a minimum of 4 meetings including the kick off will have to be organized with the rest of the co-creation team in order to assess the development of the pilot and plan the consequent steps to follow.

Templates and specific indications for reporting & payment will be delivered by CEEIM to the Solution provider during the implementation of co-creation and reporting. More precisely, templates are intended to enable Solution providers to accreditate their activities and interaction with both Challengers & stakeholders during co-creation, as well as to report on the eligible costs incurred. The solution provider must keep track of their expenditures and provide records in case an auditor asks them to provide information. These records must be kept for at least 4 years after the end of CHERRIES.

Two reporting periods are foreseen:

- Progress report in month 5 of the co-creation process. In month 5 of the co-creation process, the solution provider will send a first report on the status of the activities to CEEIM, once this report is approved the second payment will be made.
- Final report: 30 days after the end of the co-creation process, the solution provider will send to CEEIM the final report including all the required technical and financial information.

3.9 IPRL

The company will receive free guidance on the actions it should take for the industrial / intellectual protection of the project results.

3.10 Useful Documents

All the Open Call Templates can be download as a package on the website <https://www.cherries2020.eu/>
The Open Call documents contains:

- Call for solutions
- Application Form Template
- Call Declaration Honour Template
- Complete description of the Challenge

3.11 Questions

Please submit your questions to CHERRIES@ceeim.es.



Please note that all questions and related answers will be published in the CHERRIES website.

4. ETHICS

All data collected within this project will be carefully protected in compliance with relevant national data protection legislation of the EU member states implementing the General Data Protection Regulation (GDPR), which replaces the European directive 95/46/EC. All research is designed and undertaken to ensure *"the right to privacy, the right to protection of personal data, the right to the physical and mental integrity of a person, the right to non-discrimination"*, following article 19 of the Regulation 1291/2013 of the European Parliament and of the Council. Personal data will be of qualitative and quantitative nature encompassing also audio-visual formats. Personal data will be stored in a way to not allow the identification of the subjects. CHERRIES will not publish any personal data unless participants have explicitly given their permission. Publications based on personal data will only report aggregated data and shall not contain information that may permit the identification of individual participants unless otherwise agreed.

The Entity undertakes to process the personal data to which it has access as a result of the execution of the contract, observing the principles required by the legislation on data protection, in particular those relating to data quality, data security and duty of secrecy, as well as in accordance with the specific instructions received from the data controller, not using the data for any purpose other than the provision of services described in the object of the contract. Likewise, it undertakes to observe professional secrecy, maintaining absolute confidentiality and confidentiality on any data it may come to know on the occasion of compliance with the contract, in accordance with the level of protection established in the [European data protection Regulation \(EU 2016/679\)](#) of the European Parliament and of the Council, of 27 April 2016, relating to the protection of individuals with regard to the processing of personal data and Organic Law 3/2018 of 5 December, on the Protection of Personal Data and guarantee of digital rights, not communicating to any third party the data provided by the data controller. The data controller will determine whether, at the end of the services provided by the data processor, the personal data should be destroyed, returned to the data controller or handed over, where appropriate, to a new data processor. The destruction of the data shall not proceed when there is a legal provision obliging their conservation, in which case they shall be returned to the data controller, who shall guarantee their conservation for as long as such obligation persists. This obligation will continue even after the end of their relationship with the person in charge. The Entity will ensure and be responsible for its employees and / or collaborators receive the data only to the extent that it is necessary to their knowledge for the provision of the object of the contract. In the event that the Entity uses the data for purposes other than those stipulated, communicates them or uses them in breach of the instructions set out in this contract, it shall be liable for the infringements set out in Articles 70 et seq. of Organic Law 3/2018, of 5 December, on the Protection of Personal Data and the guarantee of digital rights, in which it has incurred.

As it is one of the project's core concerns, CHERRIES ensures transparency and accountability for data collection processes, data ownership, and data storage, by upholding the right for participants' informed consent and their right to withdraw their participation in the studies overtaken at any time.

All the actions carried out within CHERRIES project must follow these ethic rules:

- Participants will be ensured with full protection for their personal data unless they agree otherwise. Moreover, participants will be informed that researchers shall protect them when desired. Personal data will be anonymized and not be shared with third parties. Data will be collected and stored securely.
- Participants will sign an informed consent that will provide as much information as possible about the project so that they can take an informed decision about their possible involvement and the continuation of their involvement. The purpose of the project will be explained both orally and through an information sheet. The consent form and information sheet which will be prepared shall be in the participant language and will use



terms fully understandable to the potential participants. Participants will be asked to read, fill in, date and sign it in written declaring that they have read and understood the information.

- If participants inform the researchers of their decision to withdraw the consent which they may have given previously to participate in the action, either in the light of their experience of participating in the study, or as a result of the debriefing which takes place after data collection is complete, the researchers will proceed to permanently destroy the data provided.
- No minors will be involved in any of the activities carried out within CHERRIES project.

The mere fact of participating in this Open Call means that the participants knows and fully accepts the present rules.



CHERRIES PARTNERS



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Annex 1d – 2nd Call for Solutions – Region of Örebro (SE)



CHERRIES
RESPONSIBLE HEALTHCARE ECOSYSTEMS

CHERRIES Call for Solutions in Örebro

September 21st, 2021



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1 ABOUT CHERRIES

The main aim of CHERRIES project is to support healthcare research and innovation policy and pilot actions by interlinking Responsible Research and Innovation (RRI), demand-side policy and territorial innovation models. This pilot innovation process is being implemented and tested in the territories of Murcia (ES), Örebro (SW) and the Republic of Cyprus (CY). Subsequently, three additional Mirror territories will be supported in adopting the CHERRIES model. The model applies RRI methods in the innovation process, not only contributing to more innovative territorial environments but also to more suitable single innovations that therefore have a higher chance of being widely adopted and establish them successfully on the market. With this innovative design processes, the project contributes to more open, transparent and democratic R&I systems in the engaged territories and beyond, creating societal, democratic, environmental, economic and scientific impacts as well as tackling transformation processes of the organizations involved.

This call is part of the pilot actions to be developed in each of the participant territories and aims to give solution to a need that has been previously selected in an open process in each region with the final objective of stimulating institutional reflection processes on how to innovate products and services connected to the healthcare sector through participatory approaches.

2 CHERRIES APPROACH FOR CO-CREATION

In order to guarantee that the developed solutions are aligned with the values, needs and expectations of the society, CHERRIES foster the engagement of societal actors, professionals and patients, therefore the development of the solution needs to include interactions with all the actors (healthcare, professionals and patients) including mainly those involved in the definition of the need.

In each participant region a “co-creation team” will be established which will include the solution provider, the stakeholder(s) who identified the need(s), healthcare organisation personnel (e.g. innovation unit, IT, legal, etc) as well as representatives of the civil society (e.g. patient groups). The co-creation teams will arrange an initial number of meetings over the 8 month implementation period to exchange technical information and monitor the development of the pilot.

The whole co-creation program will last a maximum of 8 months, from February to October 2022 and a Grant Agreement will be signed among the funding partner of project CHERRIES, the solution provider and a representative of the team that defined the need to be solved.

The solution provider will also receive business support by the CHERRIES consortium. The project will consult in questions of business modelling, access to private investors and commercialisation. At pilot end, each solution provider will deliver the solution and deliverables as defined in the Grant Agreement. A local “review committee” - again consisting of a broad customer, potential users and civil society will then review the solution.

3 CHERRIES OPEN CALL FOR SOLUTIONS

We seek innovative solutions to reach elderly people that are in need for social contacts, but often are hard to reach, the loneliest and often unengaged groups that we do not reach today. The received



solutions must be developed together with the target group (involuntarily single elderly people in need of a social context) and the actors involved (e.g. business, civil society and the public sector.)

The solution that is granted funding will be conducted as a pilot project for a maximum of 8 months (February to October 2022), with the potential to continue to be conducted after the project period is over and the potential to be scaled up and disseminated.

Co-creation of a solution together with the target group or other stakeholders around the target group (e.g. health care, social services or civil society organisations) should be an important part of the project.

3.1 Description of the need

During the autumn of 2020, an inventory in the area of the elderly's mental health was made, where businesses, associations and private individuals reported needs from their perspective. The collected needs concerned involuntary loneliness and the need for social contacts in various ways as well as the challenge of reaching those most in need. Involuntary loneliness is a concern especially for elderly people that significantly impacts the mental health of some patients. Long-term loneliness could result in self-isolation from social contacts and society in general. Expectations that others will make contact, is rooted in a perception that elderly do not want to be a burden to family and society. Therefore, people with the greatest need for social contacts can be difficult to reach with various efforts that aim to break the loneliness and offer a social context. In groups that are easier to reach, people have often understood that there is a connection between loneliness and lack of social contacts, and in this perspective they see a benefit in being involved and participating in various forms of activities.

As described above, involuntary loneliness is often a problem in elderly and thus the demographic development and general aging of European societies will exacerbate this problem in the coming years.

In Sweden, already almost a quarter of the population is over 65 years old. The three municipalities targeted by this call (Degerfors, Karlskoga, Laxå) are even above this national average. The share of people older than 65 is around a quarter and the one older than 80 is around 10% of the total population of these municipalities. Of these elderly people, around 20-30% live at home but receive support of municipality services while another 6-12% of these people live in care homes. While in general, mental well-being is not a problem that only affects people above 65 – on population level, the share of reported problems was even lower than in the population as such – but at the same time high shares of antidepressants, number of suicides, problems with sleeping and anxiety are more pronounced in this groups. These issues can often be tracked down to loneliness and the need of social contacts. There are different kinds of loneliness:

- Existential - we feel that our innermost thoughts and feelings cannot be shared, that no one really listens or understands.
- Social - you lack ties to friends and acquaintances with whom you feel connected or can be entrusted with.
- Emotional - you lack a partner that you can trust in depth.

Loneliness can be voluntary or involuntary. It can be objective or subjective. The feeling of loneliness then exceeds the actual loneliness. The focus of this call is involuntary loneliness and, thus, people who feel lonely but do not want to be.



Social relationships are a basic human need and serve as a protective factor for physical and mental health. Social support includes, among other things, practical and emotional support. Older people with access to social support, are generally in a good position to cope with everyday life. People who have no one to share their innermost feelings with, are predominantly living alone. This is affecting around a fifth of the people of this group. The share of people older than 65 who live alone is approximately 45% in all three municipalities. While, these number delimit the group at risk, it, however, does not mean that they are all suffering from loneliness. Living alone can be voluntary or involuntary for the elderly just as much as for the young. In general, older people more often suffer from involuntary loneliness in connection with the death of life partners and friends. Among single people, more than one in three is affected by loneliness, which is a significantly higher share than for people living in a partnership. Even if there are people close (e.g., healthcare staff), people may suffer from loneliness as it is more about the quality of the relationships.

Thus, the challenge in the context of this call is to find the persons who are involuntary lonely and offer them social contacts. While, the activities of associations, civil society organisations, municipalities and the like, offer a variety of services and social gatherings, they often presuppose physical presence and the elderly getting there by themselves. Therefore, we need new approaches to identifying and engaging the group of elderly people, especially the at-risk group, that are often not reached on a daily basis in order to reduce the burden of involuntary loneliness.

3.2 What can project funding be applied for?

The applied project funds can be used to testing new solutions to counteract involuntary loneliness and meet the elderly's need for social contacts. This can involve social, organizational or technical solutions or a combination of these.

Please note that funds not allow you to finance an already ongoing activity / service. Proposed solutions may build upon existing services but must clearly indicate the foreseen novelty of the solution and how it this different from ongoing practices. Further, the benefit from this extension for the identified target groups must be shown, and a convincing argument why this funding is essential for the extension of that service must be made.

The solution must be carried out / offered in all or parts of the municipalities in the western part of Örebro County (Degerfors, Karlskoga and Laxå). However, the pilot project does not have to be limited to these; a larger geographical area is possible.

The actors can apply for project funding of a maximum of EUR 31,500. The grant is intended to cover project costs such as actual personnel costs, external services as well as travel and accommodation. There is a template for the budget to support the calculation of project costs, see the announcement's website.

3.3 Who can apply for project funding

Associations, companies, public enterprises and other types of organisations registered as legal entities in EU or [EU/H2020 associated country](#) can apply for project funding. Private individuals cannot apply for funds.



The application has a main applicant association, company, public activity or other type of organisation. The application must state if more actors are involved in the solution.

Actors who are granted project funding do not need to be connected to the western part of Örebro County (including the municipalities of Degerfors, Karlskoga and Laxå) but must be able to offer their solution in all or parts of this area.

As the co-creation process will be carried out in local language, the applicants will need to be able to communicate with stakeholder groups in Swedish.

3.4 How to apply for funding

Applications should be submitted no later than 25th of November to cherries@regionorebrolan.se.

A fillable PDF template for the application, an excel template for the budget calculation and evaluation criteria can be found at Cherries website. Approved languages for applications are English or Swedish. Please note that the working language for the co-creation process is Swedish.

Questions and related answers regarding the call will be published in a FAQ document at the website.

3.5 Evaluation process

Before the evaluation process starts, the completeness of documentation and eligibility of each submitted proposal will be assessed. In justified cases, the applicants may be requested to provide additional explanations clarifying some inconsistencies of their proposal, but no changes to the application documentation are allowed once the application is submitted. Complementary documentation or information will be electronically requested and submitted via a dedicated email. If so, applicants may dispose on 7-calendar day term to correct or provide documents to complete their initial application.

In the first phase of the evaluation process those applications that fulfil the eligibility criteria will be assessed individually by the Selection Committee. The Selection Committee consists of local CHERRIES partners in Örebro as well as local experts of the field and of innovation.

In the second phase of the evaluation process, the top three applicants will be invited to an online session where they will be able to present to members of the Selection Committee their proposed solutions, and will be able to answer questions from the Selection Committee.

After this session the Selection Committee will meet in order to choose the final solution. The decision of the Selection Committee will be made public and all the applicants will receive a notification of the outcome.



3.5.1 Evaluation criteria

Criteria	Explanation	Marks
Solution: Fit with the particular challenge, potential impact and achievability		
1. Soundness, consistency and excellence of the concept	Extent that proposed work is ambitious, has innovation potential, and is beyond the state of the art, enhancing the innovation capacity and the integration of new knowledge & the implementation of such innovations to the market	1 to 10
2. Solution fit to challenge	Alignment of the solution with the proposed challenge and expected impact	1 to 10
3. Objectives and success indicators	Clearness and achievability of the objectives and relevance of the indicators	1 to 10
Work Plan viability		
5. Credibility of the proposed Work Plan	The work plan is realistic and fits with the CHERRIES calendar	1 to 10
6. Co-creation process	Relevance of the co-creation work and importance given to the co-creation work (objectives and means employed)	1 to 10
7. Experience and skillset of the team	Appropriateness of the team	1 to 10
Sustainability		
8. Market description, scaling and dissemination	Expected market, potential and strategy for scaling and dissemination of the solution	1 to 10
9. Sustainability and engagement	Potential of sustainability of the solution and engagement and interest in the development of the solution	1 to 10
Responsible Research and Innovation¹		
12. Gender Issues	Does the organization have a gender equality plan?	1 to 10
13. Public Engagement	Does the solution contribute to Public engagement?	1 to 10
14. Open Science /Access	Does the solution contribute to Open Science?	1 to 10
15. Science Education	Does the solution contribute to Science Education?	1 to 10
16. Governance	Does the solution contribute to Governance?	1 to 10

¹ CHERRIES model applies Responsible Research and Innovation methods in the innovation process, not only contributing to more innovative territorial environments but also to more suitable single innovations that therefore have a higher chance of being widely adopted and establish them successfully on the market. With these innovative design processes, the project contributes to more open, transparent and democratic R&I systems in the engaged territories and beyond, creating societal, democratic, environmental, economic and scientific impacts as well as tackling transformation processes of the organisations involved.



Applicants will be asked how their organizations implement RRI measures (in case they do). In the application form, there will be questions related to RRI: gender, public engagement, Open Science, Science Education and Governance. The punctuation obtained in this section will only be taken into account in case two or more solutions get the same score. In that case, the punctuation received in this section will be used as tiebreaker.

3.5.3 Tentative calendar

- Launch the call September 2021
- Deadline for applications 25th November 2021
- Notification of applicants selected for Oral presentations 6th December 2021
- Oral presentations 14th December or 16th December 2021
- Notification to awarded applicants 20th December 2021
- Signature of the grant agreement January 2022
- Kick off meeting February 2022
- Co-creation process February 2022 – October 2022

3.6 Selected solution provider – Administrative duties

The administrative tasks for the selected solution provider, including activity reporting obligations and related documents will be provided during the negotiation and contracting phase.

3.6.1 Sub-Grant Agreement preparation process

As stated before, selected solution provider will be requested to sign a Grant Agreement. Before the signature of the Grant Agreement, the financial operational capacity of the solution provider will be assessed.

The solution provider will be asked to provide the by mail to Region Örebro County, the funding partner:

- **Legal existence:** Deed or Articles of Association (corporate statutes)
- **Legal representative:** Copy of Power of attorney document (if applicable), National Identity Card
- **Tax Agency Documentation** to evidence the fulfilment of tax obligations
- Certificate of up-to-date Social Security payments to evidence the fulfilment of obligations.
- **Financial statements:** P&L, Balance sheets (from previous year). In the case that it is the first year of activity, it will not be asked any further information.
- **Bank Account information:** IBAN & SWIFT code (if applicable)

The provision of the sub-grant agreement duly signed and listed documents to the Funder duly constitutes proof of acceptance of the grant by the solution provider.

If negotiation with the first candidate of the list eventually fails, negotiation will be initiated with the second candidate (or ulterior candidates, just in case).

A Kick-off meeting with beneficiary solution provider will be scheduled in order to define the detailed planning and workplan of the co-creation phase. The day of this meeting will formally open the co-creation phase that will last for maximum 8 months.

During pilot phase, it is possible to amend the Sub-Grant Agreement upon the request of the Beneficiary and due to justified reasons. CHERRIES will evaluate if the requested amendments are still in line with the



objectives of the Call and the evaluation criteria and all other requirements, without a change of the overall score of the project. If the application of amendments is considered as not fulfilling all requirements and evaluation criteria, it will be rejected and the Funder who will notify the beneficiary by email, will give the reasons of refusal. In case of acceptance, an annex to the Sub-Grant Agreement will have to be signed by following the same procedure stated before. Claiming against this decision will not be processed.

3.6.2 Obligations of Beneficiaries

Successful applicants formally accept the following conditions in case of being awarded as Beneficiary solution provider:

- Beneficiaries accept their responsibility on accuracy and veracity of data and documents submitted for proving the fulfilment of the eligibility criteria when submitting their applications.
- Beneficiaries will provide the documentary evidences proving the co-creation and provision of services.
- Beneficiaries are obliged to store the documents for external audit purposes until January 2028 either on paper or electronic version.
- Beneficiaries are in general bound to art. 35 (Conflict of interest), art. 36 (Confidentiality and Data Protection), art. 38 (Visibility of EC funding) and art. 46 (Liability) of the Annotated Model Grant Agreement - AGA of the H2020 Programme, without prejudice to the provisions set out in this Call and in the Sub-Grant Agreement. With regards to art. 38 (Visibility of EC funding), beneficiaries will make references to public funding from EU, including suitable logos, and EU flag. Beneficiaries will include references to CHERRIES project and specifically show that funding is 100% under European Union's Horizon 2020 Research and Innovation Programme - Grant Agreement No. 872873.
- Beneficiaries must ensure that the recipients of the financial support allow the EC, the European Anti- fraud Office (OLAF) and the Court of Auditors to exercise their powers of control, audit and monitoring on documents, information, even stored on electronic media, or on the final recipient's premises, and shall comply with the Regulation for the Protection of the financial interests of the Union.
- Beneficiaries shall implement the Services in compliance with all the conditions and obligations set out in [Regulation \(EU\) 1290/2013](#), the Call and the Sub-Grant Agreement. Beneficiaries shall make no commitments which are incompatible with the Regulation or the Sub-Grant Agreement.
- Beneficiaries shall implement the Services and shall take all necessary and reasonable measures to that end. They shall have the appropriate resources as and when needed for carrying out the Services.

3.7 Payment

Payment of granted funds will be done in arrears for the costs that have been paid and meet the requirements for eligible costs. The solution provider can have part of the granted funds paid in advance by agreement.

The solution provider must keep track of their expenditures and provide records in case an auditor asks them to provide information. These records must be kept for at least 4 years after the end of CHERRIES.



3.8 Questions

Please submit your questions to cherries@regionorebrolan.se. Please notice that all questions and related answers will be published in the CHERRIES website.

4 ETHICS

All data collected within this project will be carefully protected in compliance with relevant national data protection legislation of the EU member states implementing the General Data Protection Regulation (GDPR), which replaces the European directive 95/46/EC. All research is designed and undertaken to ensure *"the right to privacy, the right to protection of personal data, the right to the physical and mental integrity of a person, the right to non-discrimination"*, following article 19 of the Regulation 1291/2013 of the European Parliament and of the Council. Personal data will be of qualitative and quantitative nature encompassing also audio-visual formats. Personal data will be stored in a way to not allow the identification of the subjects. CHERRIES will not publish any personal data unless participants have explicitly given their permission. Publications based on personal data will only report aggregated data and shall not contain information that may permit the identification of individual participants unless otherwise agreed.

As it is one of the project's core concerns, CHERRIES ensures transparency and accountability for data collection processes, data ownership, and data storage, by upholding the right for participants' informed consent and their right to withdraw their participation in the studies overtaken at any time.

All the actions carried out within CHERRIES project must follow these ethic rules:

- Participants will be ensured with full protection for their personal data unless they agree otherwise. Moreover, participants will be informed that researchers shall protect them when desired. Personal data will be anonymized and not be shared with third parties. Data will be collected and stored securely.
- Participants will sign an informed consent that will provide as much information as possible about the project so that they can take an informed decision about their possible involvement and the continuation of their involvement. The purpose of the project will be explained both orally and through an information sheet. The consent form and information sheet which will be prepared shall be in the participant language and will use terms fully understandable to the potential participants. Participants will be asked to read, fill in, date and sign it in written declaring that they have read and understood the information.
- If participants inform the researchers of their decision to withdraw the consent which they may have given previously to participate in the action, either in the light of their experience of participating in the study, or as a result of the debriefing which takes place after data collection is complete, the researchers will proceed to permanently destroy the data provided.
- No minors will be involved in any of the activities carried out within CHERRIES project.

The mere fact of participating in this Open Call means that the participants knows and fully accepts the present rules.

CHERRIES Partners



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Annex 2 – Description of the challenge (ES)



Challenge PROGRESS

Pitch

Development and validation of a solution for the collection, analysis and monitoring of the daily activity of patients with Multiple Sclerosis.

Motivation and description

Multiple Sclerosis (MS) is an inflammatory neurodegenerative disease of the Central Nervous System that is the main cause of neurological disability in young adults. Its prevalence is 100 cases per 100,000 inhabitants, with an estimated three million cases in the world, more than 45,000 in Spain and more than 1,500 in the Region of Murcia.

In 85% of cases MS manifests in a relapsing/remitting form (rRMS) and in 15% in a primary progressive form. Over the years, rRMS progresses to a secondary progressive form (SPMS) that progressively incapacitates the patient. The disability manifests itself in impairment of gait, cognition, manual dexterity and vision. This progression (PEM) begins to be seen in a more overlapping manner from the early stages of MSrr, undetected by current assessment methods. Fatigue is a frequent and very limiting symptom of the disease in daily activities. Measurements of gait speed and manual dexterity are part of the ways of monitoring MS

The usual way of detecting progression is periodic review every 3 to 6 months - for 30 minutes with a neurologist and 20 minutes with a nurse - consisting of questions and neurological examination using different types of standardised tests. With this usual screening method, it has been estimated that there is a delay of 3 years in the detection of progression, with only 33% of cases being diagnosed¹.

Patients and neurologists need a faster and more sensitive way to detect MS progression so that treatment can be started as early as possible to avoid disability. Faster and more sensitive detection of progression would also shorten treatment evaluation times in clinical trials in collaboration with the pharmaceutical industry.

Main Objective

The **main objective** is to create and validate a more agile, comfortable and sensitive solution for the detection of progression in MS based on the daily recording of gait disturbances, manual dexterity and cognitive assessment, and the relationship of the latter with fatigue and mood.

¹ <https://pubmed.ncbi.nlm.nih.gov/30851128/>





As an intermediate result we would have the following **secondary objectives**:

1. Detection of possible **outbreaks** of the disease (worsening of gait and/or usual activities lasting more than 24 hours). These would be episodes not reported by the patient as such but reflected in the measured parameter.
2. Detection of **treatable symptoms** that interfere with the patient's daily life (depression, anxiety, sleep, fatigue).
3. Detection of **progressive deterioration** throughout the observation period. Worsening in measured parameters, especially gait. Consideration should be given to improving treatment.
4. Improved **quality of life** by being able to better treat the patient's symptoms, as reflected in the quality of life scales of the patients included in the pilot before and after the intervention.
5. Less **trips** to the hospital and more specific consultations.
6. Decrease in the incidence of **disability**, if MS progressions are detected more sensitively or earlier than the standard method.

Pilot functional scope

An objective and quantifiable assessment of disability and a channel of communication of this information between the patient, his or her neurologist and the health care system is needed to generate a rapid and effective treatment response. This would benefit all MS patients at all stages of the disease.

The total duration of the pilot (development + test) will be 10 months. The minimum sample required to be able to draw conclusions will be **30 patients** with moderate affection and without physical limitations. The 30 patients included in the project will be assessed at the beginning and end of the study by a Neuro-immunology Unit of the Murcian Health Service (SMS). **The solution will have to record** the data -specified in the following paragraph - of the 30 patients **continuously and simultaneously during the 150 days** (5 months) of the study

Throughout the pilot period each patient must complete the fatigue and depression/anxiety **tests** on a **weekly** basis and the quality of life tests on a **monthly** basis

The solution provided by the company will allow the following data to be recorded on a **daily** basis:

- Walking
- Steps (number, length, duration, cadence).
- Distance, duration and average speed of sections travelled and daily totals.
- Turns (number, amplitude, average speed)
- Wrist movements (number, amplitude and duration)) distinguishing running and static periods.
- Fall detection
- Heart rate.
- Sleep:
 - o Duration
 - o Start/end time



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Analysis of results:

1. Review and visualisation of historical data and extraction of daily, weekly, monthly averages.
2. Check the significance of the slope of the regression line of the recorded data if it is negative and significant (it would be two-tailed).
3. And finally to perform statistical analysis of the association of the data recorded with the monitoring, with the clinical data and the tests carried out on the patients.

Necessary requirements:

The successful candidate shall be responsible for the automated patient data recording service. This service includes the delivery, training, repair, replacement, collection, maintenance and support of the devices, ensuring their availability. The replacement of a device that has problems collecting or downloading data to the analysis system shall be carried out within a maximum of 24 hours. Losses of logging service shall be accounted for in the service level compliance indicator explained in the section below

The **mandatory** requirements are:

1. **DIGITAL ACTIGRAPH:** Data recording **MUST** be carried out by a **SINGLE DEVICE** internally equipped with the necessary sensors, which is robust (operating 24/7 during the 150-day duration of the pilot), waterproof (daily cleaning), lightweight (<100 g) and small in size (bracelet, watch, etc.) requiring minimal intervention by patients and no expendable items associated with its use. The device's autonomy **MUST** allow data logging on a single daily battery charge (<4 hours) using a system that is as simple as possible and does not require manual dexterity.
2. **DOMESTIC GATEWAY:** The data recorded by the device **MUST** be stored daily in the cloud during the charging of the device through its wireless connection (Bluetooth / WiFi / Other) with the domestic gateway to be provided by the company without requiring any intervention by the user or the prior existence of internet access infrastructure at home. In the event that the device has its own 4G / 5G connectivity, this requirement will be optional and the company will be responsible for the connection costs
3. **CLOUD APPLICATION:** Application to be run on external servers to receive the data recorded by the actigrapher for storage in the cloud and provide access to it from the different display modules.
4. **CLOUD STORAGE:** Data (patients, users, access, etc.) will be stored on secure servers that ensure general data protection compliance (2016/679). Both the storage space and the cloud processing capacity required for data recording and processing **MUST** be provided by the company as part of its solution.
5. **INFORMATION ACCESS AND VIEWING MODULES:** The cloud application will receive the request to access and view the information stored in the database from the access modules for each user.



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- a. The **clinical** visualisation and access module allows the visualisation of recorded data, clinical, rehabilitation and daily, weekly and monthly activity reports for each patient and the incorporation of diagnostic test results by physicians. Several clinicians can be assigned to each patient in order to allow access by specialists and primary care.
- b. The **therapeutic** access and visualisation module allows the visualisation of recorded data, rehabilitation reports, daily, weekly and monthly activity reports for each patient and the incorporation of the assessment of therapeutic actions by the rehabilitators assigned to each patient.
- c. The **patient** access and visualisation module allows access to weekly and monthly summaries of patient activity. It allows the incorporation of answers to clinical assessment questionnaires (scales of fatigue, depression/anxiety, cognition, quality of life, satisfaction with the system) and rehabilitation questionnaires.

The exploitation and visualisation of the recorded data, as well as the remote maintenance of the different elements of the system MUST be carried out through web interfaces that allow multi-platform exploitation.

6. **MANAGEMENT AND MAINTENANCE MODULE:** A web/app module is to be provided to allow management and storage of the hardware/software elements of the system.

Optional requirements

The following aspects shall be positively assessed:

- Presentation of the walking data by sections (short, medium and long). (+10 points)
- Distance to home (by comparing geolocation with the patient's registered home) (+20 points).
- Location of patients within the different rooms of the home. (+20 points)
- Wrist movements (number, amplitude, duration, modulus and xyz angles of orientation, speed and acceleration) distinguishing walking and static periods (+20 points).
- Presentation of heart rate data according to the intensity of the activity performed (low, medium, high) identifying event number, duration, start and end times. (+10 points)
- Labelling of sleep periods according to sleep phase/depth and/or quality of sleep. (+10 points)
- Device internal memory in days of recording (+20 at maximum capacity, +10 if equal or above average).
- Battery life under normal operating conditions with sensors active 24/7 and a single daily synchronisation of data (+20 at maximum duration +10 at equal or above average duration).
- Recharge time required for full charge (+20 to minimum time +10 to below or equal to average time).
- Raw recording of data obtained from the device's sensors. (+2 for each variable, +5 if it also has the best sampling rate).
- CE marked medical device (+20 points)
- Proprietary 4G/5G connectivity (+20 points)
- - Other functionalities: Possibility to mark events, add voice notes, launch emergency messages, etc. (up to +20 points)



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Expected impact and KPIs

Health outcomes

- Indicator: increase of **detected progressions**
 - Objective: detection of 3 MS progressions among the 30 patients during the 5 months, not detected by the usual clinical method.
- **Quality of life** before / after valued through the SF12 short questionnaire. Goal: 20% improvement.

Satisfaction

- Tool **satisfaction** survey segmented by user roles (patient, neurologist and nurse) using *the Customer Satisfaction Score (CSAT)*.:
 - Goal: CSAT >8 (out of 10) *in each user group (role)*.
- ***Patient experience** through the Net Promoter Score (NPS)*:
 - Goal: NPS >+50
- **Usabilidad** por el paciente medida a través del *System Usabilidad Scale (SUS)*.
 - Goal: SUS >80
- **Level of service**: Registration service losses will be counted as number of days/patient without service (30 patients x 150 days = 4500 days/patient) and should be less than 1% (= less than 45 days/patient without service)).

Clinical and Ethical and Data Protection

The Entity undertakes to process the personal data to which it has access as a result of the execution of the contract, observing the principles required by the legislation on data protection, in particular those relating to data quality, data security and duty of secrecy, as well as in accordance with the specific instructions received from the data controller, not using the data for any purpose other than the provision of services described in the object of the contract. Likewise, it undertakes to observe professional secrecy, maintaining absolute confidentiality and confidentiality on any data it may come to know on the occasion of compliance with the contract, in accordance with the level of protection established in the European data protection Regulation (EU 2016/679) of the European Parliament and of the Council, of 27 April 2016, relating to the protection of individuals with regard to the processing of personal data and Organic Law 3/2018 of 5 December, on the Protection of Personal Data and guarantee of digital rights, not communicating to any third party the data provided by the data controller. The data controller will determine whether, at the end of the services provided by the data processor, the personal data should be destroyed, returned to the data controller or handed over, where appropriate, to a new data processor. The destruction of the data shall not proceed when there is a legal provision obliging their conservation, in which case they shall be returned to the data controller, who shall guarantee their conservation for as long as such obligation persists. This obligation will continue even after the end of their relationship with the person in charge. The Entity will ensure and be responsible for its employees and / or collaborators receive the data only to the extent that it is necessary to their knowledge for the provision of the object of the contract. In the event that the Entity uses the data for purposes other than those stipulated, communicates them or uses them in breach of the instructions set out in this contract, it shall be liable for the infringements set out in Articles 70 et seq. of Organic Law 3/2018, of 5 December, on the Protection of Personal Data and the guarantee of digital rights, in which it has incurred.

Technological

The user identification will be then provided through the OAuth standard. The solution may notify SMS systems about certain events and situations. Ideally via 'HL7' messaging, but web services could also



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be an option. This information may include registration status, activity, progress and periodic (summarized) clinical information. The IT systems needed for running the solution will be hosted by the solver. If the complexity of the connections is too high or the personal data could be at risk, these systems could be hosted in local servers of the SMS. This will be established in a technical session at the beginning of the project. Anyway, the solver will provide mechanisms to guarantee that the Servicio Murciano de Salud can exploit the data. Data No prior Challenger data is expected to be available, meaning all users will start as new users in the system. The repository of documents and resources to be shared with the end users will be supplied and / or validated by the SMS.

Business opportunity

In our Region the number of patients with MS exceeds 1500 and at national level more than 45,000. The variables considered are applicable to any progressive degenerative neurological disease, above all with gait impairment, such as Parkinson's disease (at regional level some 3500 patients with MS).

Offer of cooperation from the challenger group:

1. Advice on business model.
2. In case of success of the pilot experience, the SMS undertakes to manage the possible resulting solutions in the volume to be determined, through the appropriate legal means, in particular as provided by the contractual regulations.
3. Dissemination of results with the support of clinicians and patient associations through the networks of the 43 Multiple Sclerosis Spain entities and in the LinkEM Annual Conference Knowing, Connecting and Innovating in Multiple Sclerosis, in order to make patient organizations aware of the solution at national and international level.
4. Collaboration with a study of cost saving based on the published evidence², as well as with its publication and dissemination.
5. Identification and contact with other potential customers.
6. Advice on collaboration with the pharmaceutical industry by shortening treatment evaluation times in collaborative clinical trials.
7. The company will receive free assistance to promote the solution internationally through the Enterprise Europe Network of the EU, in order to look for possible business opportunities in other countries.
8. The company will receive free guidance on the actions it should take for the industrial/intellectual protection of the project results.

² <https://pubmed.ncbi.nlm.nih.gov/27411042/>

<https://pubmed.ncbi.nlm.nih.gov/31285832/>

<https://pubmed.ncbi.nlm.nih.gov/31848738/>

<https://journals.sagepub.com/doi/full/10.1177/1352458517708141>





Annex 3 – CHERRIES Call for Solutions application form



CHERRIES
RESPONSIBLE HEALTHCARE ECOSYSTEMS

Application form – CHERRIES Call for Solutions (NAME OF THE CHALLENGE)



GUIDELINES

- You must use the structure of the present template to prepare your proposal.
- You are kindly requested not to modify or delete any sections (excluding this one, “Guidelines”, which shall be removed before submission), as well as all the parts of instructions written into brackets and in *Italics* format.
- The maximum total length of sections 1 to 5 of your proposal shall not exceed 12 pages in total, including figures and tables, which are much recommended, with the following page limits for each section:
 - Section 1: Your solution. 3 pages (max)
 - Section 2: Expected Impact. 2 pages (max)
 - Section 3: Work Plan. 3 pages (max)
 - Section 4: Team experience. 2 pages (max)
 - Section 5: Business sustainability 2 page (max)
 - Section 6: Responsible Research and Innovation 2 page (max)
 - Section 7: Ethics 1 page (max)
- Please remember that it is your responsibility to verify that you conform to page limits. Experts will be instructed to disregard any excess pages above the 15-page limit.
- The minimum allowed font size is Arial 10. Please use the same page margins as in this document.





GENERAL INFORMATION

Organization name	
National VAT number¹	
website URL	
Year of foundation	
number of employees (If applicable)	
Turnover of the last fiscal year ended (If applicable)	
Headquarters Country	
Subsidiaries countries	
CONTACT DETAILS OF THE LEGAL REPRESENTATIVE	
First Name	
Last name	
email	
Phone number [e.g. +34 987 654 321]	
CONTACT DETAILS OF THE COORDINATING PERSON (IF DIFFERENT FROM THE LEGAL REPR.)	
First Name	
Last name	
email	
Phone number [e.g. +34 987 654 321]	

¹ If you are not taxed and don't have a VAT number, provide the unique identifying number of your company available in your country





PROPOSAL NAME AND ACRONYM of the SOLUTION PROPOSED

[Fill in the name and provide and Acronym if available]

PROJECT SUMMARY

[Maximum 2000 characters – refer to name and acronym as well as publishable summary of the proposed project]

Maturity level of the solution

[Please, indicate the Innovation Maturity Level of your solution according to the table below. You can delete the table once you have completed the answer.]

HealthTech Innovation Readiness (HIR) Level Deliverables					
Level/ Name	Overall Description	Innovation Maturity Level Descriptors (Deliverables)			
		Clinical	Market/Business	Technology	Regulatory
1. Need	Insights into unmet clinical needs and available solutions	Unmet need is articulated based on clinical experience	Deficiency in existing solutions identified	Available solutions identified and new technologies searched	NA
2. Idea	Potential solution described to unmet need	Clinical workflow scenario description	Competitive landscape and preliminary reimbursement review	"Paper Prototype" and Initial Institutional "Idea" (IP) disclosure and review Hypothesis experimental designs for addressing the technical issues of key components	Preliminary solution classification and predicates identified
3. Proof of Concept (PoC)	Key component concepts validated in models and value proposition articulated	Positive feedback from clinicians in other settings (>5)	Preliminary "Value Proposition" and "Path to Payment" plan	Experiments validate key components hypotheses. (In vivo, in silico, and maybe in vitro) Refined Institutional IP disclosure	Solution classification and preliminary regulatory pathway defined
4. Proof of Feasibility (PoF)	Feasibility of whole solution demonstrated in models and in feedback from stakeholders	Positive feedback from (Total ≥ 20) other clinicians in target settings	Positive feedback from economic buyers (>5) Preliminary business model and plan (including reimbursement path)	"Looks Like" and "Works Like" prototypes FTO review and provisional IP filing Killer technical experiment (e.g. Initiation of animal model development for desired indication)	Submission pathway defined IRB approvals
5. Proof of Value (PoV)	The potential of the solution to work and create value for all stakeholders is demonstrated (initial commercial investment)	Positive feedback from other clinicians (≥ 50) and KOLs Animal/first in man experiments Peer reviewed publication(s)	Investor ready business plan Positive feedback from economic buyers (≥50) Key management team identified and seed investment (NewCo or project)	"Works Like, Looks Like" prototypes of MVP with product IFU Manufacturing plan and costing Full IP application Killer technical experiment (e.g. non-GLP animal studies for regulatory filing)	Submission data package defined
6. Initial Clinical Trials (ICT)	Regulated production of prototypes and collection of clinical and economic data	Conduct phase 0 and/or 1 clinical trial(s) to determine the safety and effectiveness of the solution	Collection of economic data compared to SoC (e.g. validating beachhead market) 1st round of Institutional Investment	Manufacture GMP-compliant pilot lots	Preliminary FDA guidance (not a meeting necessarily) and data package assembled
7. Validation of Solution (VoS)	The solution is shown to be effective and its value to all stakeholders is validated	Clinical efficacy trials (e.g., phase 2 and 3), and/or expanded clinical safety trials Training materials established	Purchasing intent from lead users 2nd round of Institutional Investment	Initiation of GMP process validation	Submission
8. Approval & Launch (A&L)	Institutional and regulatory approval received and sales launch	Specialty medical groups review	Initial sales Reimbursement code	Finalized GMP manufacturing process	Registration and listing
9. Clinical Use (Use)	The solution is used successfully in day-to-day clinical practice	Included in practice guidelines	Profitable sales	US IP issued; Improvements under development	Monitoring/ Inspections
10. Standard of Care (SoC)	The solution is recognized as the standard of care	Recommended practice by medical specialty	Dominant market share	Int'l IP issued; next generation under development	NA

Source: CIMIT



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SECTION 1: YOUR SOLUTION

1.1 Solution description

[Describe in detail the overall concept] [Describe its main characteristics and components. Add graphs or mock-ups to illustrate] [Indicate the current stage of development of each key component] [In case of challenges dealing with analytics, indicate here your set up and validation strategy for your algorithm and why you consider your choice of algorithm/model superior to other alternatives]

1.2 Fit with the challenge and compliance

[Give a detailed explanation of how your development fits and solves the challenge: list and confirm it will cover all compulsory requirements and which of the desirable ones. Additional functionality or value should also be proposed here] [Describe how you plan to address compliance with privacy, security and other technical aspects expected during execution]

1.3 Excellence

[Explain what makes your solution excellent and different from your competitors] [List the methodology/es and standards you will use to develop your solution] [Describe how usability and/or end user engagement will be enforced to facilitate their quick adoption]

SECTION 2: EXPECTED IMPACT

2.1 Objectives and success indicator targets

[Describe your objectives and success indicators (KPIs) at the end of the piloting phase, that must include those stated in the call. KPIs should be clear, measurable, realistic and achievable within the duration of the project. State also by what means each KPI will be measured. These KPIs will be scrutinized at the final review of the co-creation phase to assess project success] [Explicit what else (e.g. added value) will be delivered at the end of the pilot]

SECTION 3: WORKPLAN

3.1 Planning of activities

[Provide a work plan describing your planned key activities within the pilot lifetime. This shall include a timeframe in a Gantt chart with milestones against which progress will be measured.]

3.2 Budget breakdown

[Add a table with your budget] [Indicate if you have any extra sources of funding you plan to leverage to complete any part not funded by CHERRIES]

3.3 Co-creation expectations

[Describe your expectations in the co-creation phase with regards to the interactions with professionals, societal actors and users: indicate the number and purpose of the interactions] [Describe the importance given to the co-creation work (objectives and means employed)] [Describe your technological needs]





SECTION 4: TEAM EXPERIENCE

4.1 Team description

[For each project participant indicate gender, role and provide a short biography relevant to the project execution, identifying those that are going to be directly involved in the implementation.][Indicate who will be the main contact point, and how much knowledge that person has on the language spoken in the Challenger country.][CHERRIES reserves the right to require the implication of the team described here]

SECTION 5: BUSINESS SUSTAINABILITY

** The punctuation obtained in this section will only be taken into account in case of tie between two or more solutions. In that case, the punctuation received in this section will be used as tiebreaker.*

5.1 Market description and commercialization strategy

[Explain your view on the expected market at national and international level] [Also analyse competing solutions or alternatives] [Explain your strategy to commercialize your solution after the pilot] [Explain your priority customer types, how to reach them and any potential partnerships]

5.2 Commercialization potential

[Describe your company: experience in the sector and/or in the proposed challenge] [Indicate international subsidiaries, if any] [Describe why your company is better positioned to outperform competitors]

5.3 Business commitment

[Describe why your company is interested in developing a (new) business line around this challenge. Why it is important for you to win this project] [How do you plan to fund future development and commercialization efforts after the piloting]

SECTION 6: ETHICS

6.1 Ethics

[Please, explain whether there are any ethical issues to be considered in your proposal. Please see [H2020 rule regarding ethics](#). If your solution foresees the gathering, the storage and the management of open (health/patient/users) data, do you see sensitive/ethical issues which might hinder the adoption of the solution? Do you see any other ethical/controversial issue which might impact negatively on the societal adoption of the solution? If yes, how do you plan to tackle this issue during the implementation of the pilot? Has your company/organisation an ethical Code of conduct concerning the respect of principles and standards for the research (and Innovation) integrity?]





SECTION 7: RESPONSIBLE RESEARCH AND INNOVATION

The punctuation obtained in this section will only be taken into account in case two or more solutions get the same score. In that case, the punctuation received in this section will be used as tiebreaker.

7.1 Gender Issues

[Three objectives underpin the strategy on gender equality in Horizon 2020: 1) Fostering gender balance in research teams, in order to close the gaps in the participation of women. 2) Ensuring gender balance in decision-making, in order to reach the target of 40% of the under-represented sex in panels and groups and of 50% in advisory groups. 3) Integrating the gender dimension in research and innovation (R&I) content, helps improve the scientific quality and societal relevance of the produced knowledge, technology and/or innovation. Has your company/organisation a GEP (Gender Action Plan) aimed at removing barriers that prevent women take part in scientific careers paths and in the company decision-making? Do you have any Gender Equality policy or any measure in place to address Gender equality (Code of Conduct, Human resources policy, work-family conciliation services, training/mentoring programs, quotas for Gender balance in leadership position, Gender/diversity indicators, etc.). If yes, please provide a summary of the main measures in place. If not, is your organisation planning to set in place some gender equality measures, policies or services for remove eventual barriers (if existing within your organisation) or to develop a specific gender Action Plan in the short term?]

7.2 Public Engagement

[Public engagement (PE) in Responsible Research and Innovation (RRI) is about co-creating the future with citizens and civil society organisations, and also bringing on board the widest possible diversity of actors that would not normally interact with each other, on matters of science and technology. Does your solution contribute to Public Engagement? If so, please explain how.]

7.3 Open science / Open Access

[It is now widely recognised that making research results more accessible to all contributes to better and more efficient science, and to innovation in the public and private sectors. Open access to scientific information in research and innovation refers to 2 main categories: 1) peer-reviewed scientific publications (primarily research articles published in academic journals) 2) scientific research data: data underlying publications and/or other data (such as curated but unpublished datasets or raw data). Does your solution contribute to Open Science? If so, please explain how. Regarding to open Access: Are you planning to increase the scientific impact of the results of the Cherries solution to society? If yes, how (open access publications, etc.,)]

7.4 Science Education

[Building capacities and developing innovative ways of connecting science to society is a priority under Horizon 2020. This will help to make science more attractive to young people, increase society's appetite for innovation, and open up further research and innovation activities. Does your solution contribute to Science Education or to make science more attractive to young people? If so, please explain how.]

7.5 Governance

[Governance of RRI is any form of coordination designed to foster and mainstream Responsible Research and Innovation within an organisation or in the interaction with other stakeholders. Will your development foster Corporate Social Responsibility? Or foster RRI in your organisation or in the interaction with other stakeholders? If so, please explain how.]



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Annex 4 – Declaration of Honour



DECLARATION OF HONOUR for participation in the CHERRIES Call for Solution Providers –(NAME OF THE CHALLENGE)

(To be filled out by the applicant and signed by its legal representative)

I, the undersigned, [enter name of legal representative], authorised to represent [enter name of organization].

By applying to this Call, the under-signed hereby confirms that:

- The applicant is not in a situation of difficulty (according to the point 14 of the Commission Regulation (EU) No 651/2014 of 17 June 2014 declaring certain categories of aid compatible with the internal market in application of Articles 107 and 108 of the Treaty.
- The applicant accepts their responsibility on accuracy and veracity of data and documents submitted, and all conditions and obligations stated in the Call.
- The applicant is not receiving funds for this project proposal elsewhere
- The applicant is not bankrupt, subject to insolvency or winding up procedures, its assets are being administered by a liquidator or by a court, it is in an arrangement with creditors, its business activities are suspended or it is in any analogous situation arising from a similar procedure provided for under national legislation or regulations;
- The applicant is not in breach of its obligations relating to the payment of taxes or social security contributions in accordance with the law of the country in which it is established, with those of the country in which the contracting authority is located or those of the country of the performance of the contract.
- In case of being awarded, the applicant will:
 - Manage in conformity with the applicable H2020 regulations, in particular:
 - Maintaining confidentiality (Article 36)
 - Promoting the action and give visibility to the EU funding (Article 38)
 - Allow the Commission, the European Anti-fraud Office and the Court of Auditors to exercise their powers of control, on documents, information, even stored on electronic media, or on the final recipient's premises
 - Provide the following documents:
 - Deed or Articles of Association (corporate statutes)
 - Tax Agency Documentation to evidence the fulfillment of tax obligations
 - Certificate of up-to-date Social Security payments to evidence the fulfillment of obligations.
 - Financial Statements from 3 last closed accounting years,
 - Certify that they do not have a criminal record by means of a certificate covering the last five years.
 - Bank Account information: IBAN & SWIFT code (if applicable)

Legal representative of the organization	
Position	
Signature	
Date	



Annex 5 - Acknowledgement receipt



Acknowledgment of receipt

CHALLENGE:

(NAME OF THE CHALLENGE)

Dear (NAME OF THE APPLICANT CONTACT PERSON),

Thank you for submitting your proposal for consideration as recipient of financial support in the frame of the project H2020 CHERRIES grant agreement n° 872873, call for solutions to solve the challenge of (NAME OF THE CHALLENGE).

The evaluation of all proposals received will take place in the next few weeks. You will be notified as soon as possible after this of whether your proposal has been successful or not.

On behalf of my colleagues in the project, I would like to thank you for your interest in our activities.

Yours sincerely,

(NAME OF THE REPRESENTATIVE OF THE FUNDING/CONTRACTING BODY)



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Annex 6 - Administrative eligibility checklist



Administrative Eligibility Checklist

CHALLENGE :

(NAME OF THE CHALLENGE)

Company name, address, and contact data:	Acronym:
Solution Provider Proposal Nº:	

ELIBILITY OF THE APPLICANT

The Applicant declares that he/she is a legal entity.	YES/NO
Is the Applicant located/registered in one of the Member state or H2020 associated country?	YES/NO
The applicant declares that it is a legal entity in a situation to receive public funding (Commission Regulation (EU) No 651/2014 of 17 June 2014	YES/NO
Applicant declares that there is no double public funding, even partial, for the foreseen activities within the project (according to the declaration of honour)	YES/NO
Is the applicant in capacity to ensure the follow up in Spanish for the co-creation process?	YES/NO

ELIBILITY OF THE APPLICATION

Is the application form submitted within the deadline of the call?	YES/NO
Is the application form submitted using the provided template?	YES/NO
Is the application form fulfilled in English?	YES/NO
Is the application form fully completed, addressing all the relevant sections in the maximum of 15 pages?	YES/NO
Does the application include a breakdown of the budget?	YES/NO
Does the application address the ethical principles?	YES/NO
Does the application contravene ethical principles or any applicable legislation?	
Is the declaration of honour duly signed by a legal representative?	YES/NO
Does the applicant provide contact details?	YES/NO



--	--

CHERRIES contracting/Funding body may request applicants to correct or provide documents to complete their initial application via a dedicated email: cherries@ceeim.es

REQUEST FOR ADDITIONAL INFORMATION	REASONS AND COMMENTS
Lack of compulsory documents not attached to the application form although mentioned	
Lack of information in the application about the applicant, illegibility of data...	
Lack of conformity of the information of the application with the company documentation	
Ambiguity of the information included in the application on activities planned to be done, results planned to be achieved or budget	
Inconsistencies/lack of information in the application which are obvious error	

Confirmation of receipt	
After positive validation, a confirmation email is to be sent to acknowledge the application submission (day & time).	ACHIEVED Date:

Verified by (NAME OF THE FUNDING/CONTRACTING BODY)

Name	
Position	
Organization	
Signature	<i>(electronic signature if possible, or a scanned signed copy)</i>
Date	



Annex 7 – Technical eligibility checklist



Technical Eligibility Checklist

CHALLENGE:

Early detection of Progression in Multiple Sclerosis

Company name, address, and contact data:	Acronym:
Solution Provider Proposal Nº:	

COMPULSORY TECHNICAL REQUIREMENTS CRITERIA

(NAME OF THE REQUIREMENT 1)	YES/NO
DESCRIPTION OF THE REQUIREMENT 1	
(NAME OF THE REQUIREMENT 2)	YES/NO
DESCRIPTION OF THE REQUIREMENT 2	
...	YES/NO
	YES/NO
	YES/NO
	YES/NO

Verified by (NAME OF THE ORGANIZATION)

Name	
Position	
Organization	
Signature	(electronic signature if possible, or a scanned signed copy)
Date	



Annex 8 - Eligibility pass



Eligibility Pass

CHALLENGE

(NAME OF THE CHALLENGE)

Dear (NAME OF THE APPLICANT CONTACT PERSON),

Thank you for submitting your proposal for consideration as recipient of financial support in the frame of the project H2020 CHERRIES grant agreement n° 872873, call for solutions to solve the challenge of (NAME OF THE CHALLENGE).

Your proposal has passed the eligibility check and is now being evaluated by CHERRIES selection committee.

You will be notified as soon as possible after this of whether your proposal has been successful or not.

On behalf of my colleagues in the project, I would like to thank you for your interest in our activities.

Yours sincerely,

(NAME OF THE REPRESENTATIVE OF THE FUNDING/CONTRACTING BODY)



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Annex 9 – Rejection Notice



Rejection notification

CHALLENGE

(NAME OF THE CHALLENGE)

Dear (NAME OF THE APPLICANT CONTACT PERSON),

Thank you for submitting your proposal for consideration as recipient of financial support in the frame of the project H2020 CHERRIES grant agreement n° 872873, call for solutions to solve the challenge of (NAME OF THE CHALLENGE).

Unfortunately, your proposal did not pass the eligibility check and therefore will not be continue in the selection process.

The rejection of your proposal is due to the following reasons:

- (REASON 1)
- (REASON 2)
- ...

On behalf of my colleagues in the project, I would like to thank you for your interest in our activities.

Yours sincerely,

(NAME OF THE REPRESENTATIVE OF FUNDING/CONTRACTING BODY)



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Annex 10 – Confidentiality & conflict of interest declaration for participation in CHERRIES Call for Solutions



CONFIDENTIALITY & CONFLICT OF INTEREST DECLARATION for participation in CHERRIES (NAME OF THE CHALLENGE) Call for Solutions

(To be filled out by the members of the Selection Committee)

I, the undersigned declare that, by participating in the Selection Committee for evaluation of applications submitted under the CHERRIES H2020 Project (NAME OF THE CHALLENGE) Call for Solutions,

- I am not an applicant or do not remain with the applicant in such legal or factual relationship that the result of the evaluation may affect his or her rights and obligations.
- I undertake to treat as confidential all information contained in the applications which I am asked to evaluate, both during the evaluation and afterwards.
- I will not reveal to any third party the identity or any details of the views of my fellow evaluator(s), neither during the evaluation nor afterwards.
- I will not retain copies of any written or electronic information related to the evaluation, selection of projects or verification of project evaluation results.
- I do not, to the best of my knowledge, have any interest in any of the applications submitted in this call, I have not been involved in their preparation and I do not benefit either directly or indirectly from the eventual selection. Should I discover a conflict of interest during the evaluation, I undertake to declare this and to withdraw from the evaluation.

[name/surname] _____

[job title] _____

[company/organisation] _____

[Place], [date] _____, ____ / ____ / ____



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Annex 11 - Guidelines for selection committee members



CHERRIES
RESPONSIBLE HEALTHCARE ECOSYSTEMS

CHERRIES

Guidelines for selection committee members



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Table 1 CHERRIES selection criteria scores for the Call for Solution Providers

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Table 4 CHERRIES (NAME OF THE CHALLENGE) Call for Solution Selection Committee Members.

Table 5 CHERRIES (NAME OF THE CHALLENGE) Call for Solution Selection Calendar.



INTRODUCTION

This document presents the guidelines that have been defined to support the Members of the Section Committee to evaluate the potential solution Providers to be submitted to the regional CHERRIES (NAME OF THE CALL) Call for solutions to solve the challenge of Early detection of progression in Multiple Sclerosis.

The document provides detailed information about the selection process and the methodology that should be followed by the committee in assessing the proposals.

Finally, these guidelines also describe the composition of the Selection Committee, and the calendar of the selection process.

1. EVALUATION CRITERIA

Two different types of criteria have been defined in this call for solutions: 1) Eligibility Criteria (compulsories) and 2) Selection criteria (“scorable”).

1.1 Eligibility criteria

A set of eligibility criteria has been determined to validate the admissibility of the Solution Providers’ applications as marked in the call for solutions and in the description of the challenge.

There are two types of eligibility criteria: administrative and technical ones.

1.1.1 Administrative eligibility criteria

A first administrative review will be performed by the CHERRIES contracting/Funding body, who will the eligibility criteria. It is responsibility of the CHERRIES contracting/Funding body to evaluate the completeness of documentation and admissibility of each application submitted to the system via the contact email address: cherries@ceeim.es

This administrative eligibility check will be performed by the CHERRIES contracting/Funding body for the regional challenge, in the case of (NAME OF THE PILOT), it is the (NAME OF THE ORGANISATION AND CONTACT DETAILS)

The compliance with ALL the eligibility criteria is mandatory and only the potential Solution Providers who will be evaluated positively will pass to the next evaluation step (Technical eligibility Criteria).

In that regard, the CHERRIES contracting/Funding body reviews and complete a first eligibility checklist form per application for the administrative and legal information.

In conformity with the eligibility criteria, in justified cases, the applicants are requested to provide additional explanations clarifying some inconsistencies of their proposal but no changes to the application documentation are allowed once the application is submitted. Complementary documentation or information will be electronically requested and submitted via the dedicated email. If so, applicants may dispose on 7-calendar day term to correct or provide documents to complete their initial application.

The administrative eligibility criteria include:



- Applicants must be headquartered in eligible countries legally established as a business and based in an EU member state (Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Poland, Portugal, Romania, Slovakia, Spain, Sweden and United Kingdom) or H2020 associated country (Iceland, Norway, Albania, Bosnia and Herzegovina, the former Yugoslav Republic of Macedonia, Montenegro, Serbia, Turkey, Israel, Moldova, Switzerland, Faroe Islands, Ukraine, Tunisia, Georgia and Armenia).
- Applicants must be legal entities in a situation to receive public funding (Commission Regulation (EU) [No 651/2014 of 17 June 2014](#) declaring certain categories of aid compatible with the internal market in application of Articles 107 and 108 of the Treaty).
- Absence of double public funding. The very same project activities cannot receive other public funds.
- All elements of the application must be submitted in English and must be completed by containing all requested elements specified. The uncomplete proposals will not be taken into consideration.
- Applications have to be submitted before the deadline stated in the call (15th of April 2021; 17h00 CET)
- Applications shall include a declaration of honour duly signed by the legal representative.

1.1.2 Technical eligibility criteria

Later to such verification, in the case of the (NAME OF THE CHALLENGE), some technical requirements have been established within the call for solution and have to be addressed in the proposed solution. For this, the CHERRIES contracting/Funding body will transfer the full applications to the Technical experts of the challenge to check if the mandatory requirements are fulfilled in the application.

These necessary and mandatory requirements are described in the call for solution and are the following ones:
(DESCRIPTION OF THE TECHNICAL REQUIREMENTS)

This technical eligibility check will be performed by the expert team, responsible for the challenge, the (NAME OF THE ORGANIZATION)

Once this double check is validated, the admissible applications will pass to the following evaluation stage: the scoring of the selection criteria by the members of the Selection Committee.

1.2 Selection Criteria

The selection criteria are the “scorable” ones and rely on the assessment of the selection committee members, first individually and then commonly.

The assessment of those criteria will determine the final ranking of the admissible applications, by appointing the three more promising applications that will be invited to the following stage (oral presentations with the section committee members).

The Selection Criteria will be scored from 0 to 10 following the weighting description established in the table below.



Point Scale	Explanation
- 0-1	Insufficient: even basic criteria were only met fragmentary
- 2-3	Poor: criteria were met inadequately
- 4-5	Adequate: criteria were just met
- 6-7	Good: criteria were met in essence
- 8-9	Very Good: correspond fully to the defined criteria
- 10	Excellent: criteria were met above expectations

Table 1 CHERRIES selection criteria scores for the Call for Solution Providers

The Call provides a clear explanation of the criteria to be taken into consideration in the selection procedure. The assessment form is based on the following pre-determined compulsory block of criteria: Solution excellence, potential impact, work viability plan, and team experience, that also include some sub-criteria.

Criteria	Explanation	Marks
CRITERIA 1 <i>(Threshold: XX pts)</i>		
1. (SUB-CRITERIA 1)	(DESCRIPTION OF THE SUB-CRITERIA 1)	1 to 10
2. (SUB-CRITERIA 2)	(DESCRIPTION OF THE SUB-CRITERIA 2)	1 to 10
3.	1 to 10
CRITERIA 2 <i>(Threshold: XX pts)</i>		
4.	1 to 10
CRITERIA 3 <i>(Threshold: XX pts)</i>		
5.		1 to 10
6.		1 to 10

Table 2 CHERRIES call selection criteria.

Furthermore, the call includes a series of **optional requirements criteria** to be evaluated by the technical experts from the (NAME OF THE ORGANIZATION)

Finally, two additional blocks: Business sustainability and Responsible Research and Innovation, will be assessed by each selection committee member according to the following table, although the scores will be considered only in case of a tie between applicants.

Business sustainability¹		
8. XXXX	Expected market and go-to market strategy	1 to 10
		1 to 10

¹ To be considered in case of a tie between two or more applicants



		1 to 10
Responsible Research and innovation²		
11. Gender Issues	Does the organization have a gender equality plan?	1 to 10
12. Public Engagement	Does the solution contribute to Public engagement?	1 to 10
13. Open Science/Access	Does the solution contribute to Open Science?	1 to 10
14. Science Education	Does the solution contribute to Science Education?	1 to 10

Table 3 CHERRIES call additional selection criteria.

2. COMPOSITION OF THE SELECTION COMMITTEE

The selection Committee will be composed by:

- regional professionals and experts in the challenge topic and members of the organizations that will take part to the co-creation process, especially representatives from the health sector and patients.
- members from the challenge team
- CHERRIES Project Territorial team.

The representatives have been invited following the RRI Policy principles by involving the society in science and innovation and the RRI policy agendas: public engagement, open access, gender equality, science education, ethics, and governance. For this reason, the committee members include actors from the research and education community, policy makers, business sector, and civil society. This composition also ensures to take into consideration the efficiency of the further co-creation process and the assessment of the sustainability of the selected solution.

The selected members will sign a declaration of confidentiality covering the contents of the applications and applicants, and they should also confirm the absence of any conflict of interest with the applicants.

The role of the selection committee will be to oversee the accuracy of the selection process which will be carried out in the light of the same basic principles which govern European Commission calls: i. Excellence, ii. Transparency. iii. Fairness and impartiality. iv. Confidentiality. v. Efficiency and speed.

Role	Organisation	Expert name
Expert 1		
Expert 2		
Expert 3		
...		

² To be considered in case of a tie between two or more applicants



Table 4 CHERRIES (NAME OF THE CHALLENGE) Call for Solution Selection Committee Members.

3. SELECTION PROCESS STEP BY STEP

As explained before, once the first eligibility check is completed both from an administrative and a technical point of view, the full admissible applications are forwarded to the Members of the Selection Committee for review, together with the assessment templates and a list of applications by alphabetical order of the name of the applicants.

At that stage, the selection process will proceed to the scoring of the selection criteria, first individually and then in a second time, the members will jointly consolidate the results.

The evaluators are not allowed to contact the applicants at any stage of the evaluation.

3.1 Proposals evaluation

3.1.1 Individual assessment

A first individual review will be carried out by each member of the committee (individual assessment) who will assess each of the submitted proposals by filling in the individual Evaluation Form (see template Annex 3). Each evaluator shall indicate the score obtained for each criterion (see Table 1 CHERRIES selection criteria scores for the Call for Solvers) following the distribution of the score ranging established in the call (see Tables 2 and 3 of these guidelines).

The assessment is based on the compulsory criteria and on the additional criteria detailed in the call for solutions (see the document Annex 1).

As of the optional requirements, only the technical experts from (NAME OF THE ORGANIZATION) will assess them based on their specific expertise. (NAME OF THE ORGANIZATION) will then send the score of these optional requirements that will be added to the final scoring of each solution provider evaluated by the members' committee.

Scoring and Weighting:

Once each evaluator has finalised his/her individual assessment, the filled in forms should be signed and sent to the regional CHERRIES contracting/Funding body in charge of gathering the feedback from all the selection committee members.

An average score will then be calculated to establish the preliminary ranking to be presented during the collaborative assessment meeting. The individual score will be applied to the corresponding **weighting** as follows:

- **excellence:** maximum (N° OF POINTS) pts, representing un (PERCENTAGE) % of the total score.
Minimum threshold: (N° OF POINTS) pts
- **impact:** maximum (N° OF POINTS) pts, representing un (PERCENTAGE) % of the total score.
Minimum threshold: (N° OF POINTS) pts



- **work plan:** maximum (N° OF POINTS) pts, representing un (PERCENTAGE) % of the total score. Minimum threshold: (N° OF POINTS) pts
- **team experience:** maximum (N° OF POINTS) pts, representing un (PERCENTAGE) % of the total score. Minimum threshold: (N° OF POINTS) pts
- **optional requirements:** maximum (N° OF POINTS) pts, representing un (PERCENTAGE) % of the total score

Furthermore, the evaluators should also score the applications for the two additional criteria: Business Sustainability (maximum of additional (N° OF POINTS) points) and Responsible and Research Innovation (maximum of (N° OF POINTS) additional points). These scores will be considered only in case of a tie between applicants.

3.1.2 Collaborative assessment

In a second time, the committee members will bring together their individual results and have a meeting to agree on the selection of the three best promising applications (collaborative assessment) that will access automatically to the final stage.

During this meeting, the chairperson and the secretary of the selection committee will be appointed among the members of the Selection Committee. They will be responsible to ensure the smooth coordination of the collaborative assessment process and they will be the signatories of the decision of the committee stating the final ranking of the three applications that will be invited to take part to oral presentations.

3.2 Oral presentations

During the collaborative assessment, the three applicants who have obtained the highest ranking will be invited to present their solution to the committee.

The objective is to allow the selection committee to refine its evaluation, enabling the resolution of final doubts regarding the work plan or any content that would require clarifications.

The selection committee will use the same evaluation template as the one used for written proposals. These presentations will be carried out in the co-creation language, in the case of (NAME OF THE PILOT REGION), in (LANGUAGE).

3.3 Final selection

After the closure of the oral presentations, the Selection Committee will proceed with the final votation and release its decision concerning the awarded proposal.

The results will be integrated in a Territorial Evaluation Report, including the final ranking list, a reserve ranked list and a rejected applications list, together with the reasons of rejection.

The Chairperson of the Selection Committee will sign the territorial evaluation report that will be sent to the regional CHERRIES contracting/Funding body. This body will publish and communicate the results to the awarded solution provider and the reserve list solution providers.

Once the results are published, a claim period will be opened for a duration of 7 calendar days. These claims will be registered and answered by the committee selection before the who will finally ratify its decision.



The awarded solution provider will be then invited to start the co-creation procedure by initiating the Sub-agreement preparation process, described in the call for solutions.

4. SELECTION CALENDAR

Closing of the call	(DATE)
Eligibility check	(DATE)
Individual assessment from committee selection members	(DATE)
1st collaborative evaluation meeting	(DATE)
Oral Presentations interviews with the selected companies	(DATE)
Committee decision provisional	(DATE)
Claim period	(DATE)
Answers to claims presented	(DATE)
Committee decision final	(DATE)
Co-creation kick-off meeting	(DATE)

Table 5 CHERRIES (NAME OF THE CHALLENGE) Call for Solution Selection Calendar.

ANNEXES

Annex 1: CHERRIES (NAME OF THE CHALLENGE) Call for Solution

Annex 2: CHERRIES Description of the (NAME OF THE CHALLENGE)

Annex 3: CHERRIES Individual Selection Committee Evaluation Form

CHERRIES Partners



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Annex 12 - Individual evaluation form for committee selection member



Selection Committee

Individual Evaluation form

CHALLENGE

(NAME OF THE CHALLENGE)

Company name:	Acronym:
Solution Provider Proposal Nº:	
Name of the solution:	

CRITERIA	
Solution excellence: Fit with CHERRIES particular challenge in Murcia	Score: /XX pts (threshold: XX pts)
1.Soundness and consistency of concept Extent that proposed work is ambitious, has innovation potential, and is beyond the state of the art, enhancing the innovation capacity and the integration of new knowledge & the implementation of such innovations to the market.	1 2 3 4 5 6 7 8 9 10
2. Solution fit to challenge in an innovative approach and Compliance Alignment of the solution with the proposed challenge. Monitorisation methodology and mitigation measures in case of breaches of equipment (Foreseen replacement of devices and time for replacement)	1 2 3 4 5 6 7 8 9 10
Excellence Viability and cost-effectiveness of the technological solution	1 2 3 4 5 6 7 8 9 10
Remarks:	
Potential Impact	Score: /XX pts (threshold: XX pts)
4. Solution expected Impact Clarity and pertinence of objectives and indicators. Monitor through surveys the satisfaction and usability of the end-users (Patient experience), monitor the loss of interest.	1 2 3 4 5 6 7 8 9 10
Remarks:	
Work Plan viability	Score: /XX pts



<i>(threshold: XX pts)</i>	
5. Credibility of the proposed Work Plan It fits with the CHERRIES calendar and the coherence and adequacy of the budget breakdown. Risk and Contingency measures.	1 2 3 4 5 6 7 8 9 10
6. Co-creation intensity Importance given to the co-creation work (objectives and means employed)	1 2 3 4 5 6 7 8 9 10
Remarks :	
Team experience	Score: /XX pts <i>(threshold: XX pts)</i>
7. Experience and skillset of the team Appropriateness of the team, experience in public health sector.	1 2 3 4 5 6 7 8 9 10
Remarks :	
TOTAL SCORE CORE CRITERIA /XXXX pts Representing XX% of the total score	
The following optional requirements criteria are being assessed (XX% of the total score):	
OPTIONAL REQUIREMENTS CRITERIA (IF APPLICABLE)	
...	
...	
TOTAL SCORE OPTIONAL REQUIREMENTS CRITERIA	/XXXX pts

The following additional criteria will be considered, exclusively in case of a tie between applicants, considering the total score obtained from the core criteria plus the score of the optional requirements evaluated by the technical experts.

ADDITIONAL CRITERIA To be considered in case of a tie	
Business sustainability	Score: /XX pts
8. Market description and commercialisation strategy Expected market and go-to market strategy, exploitation plan of the solution, business sustainability (patent, licensing, open to other markets...), continuity of the work plan after the end of the project	1 2 3 4 5 6 7 8 9 10
9. Commercialisation potential: Likelihood of future market exploitation Effectiveness of eventual implementation plan of the project's results (including explanation of IPR management, if applicable)	1 2 3 4 5 6 7 8 9 10
10. Business commitment	1 2 3 4 5 6 7 8 9 10



Interest of the company in the solution	
Remarks:	
Responsible Research and Innovation	Score: /XX pts
11. Gender issues Does the organization have a gender equality plan?	1 2 3 4 5 6 7 8 9 10
12. Public engagement Does the solution contribute to Public Engagement?	1 2 3 4 5 6 7 8 9 10
13. Open Science/Access Does the solution contribute to Open Science?	1 2 3 4 5 6 7 8 9 10
14. Science Education Does the solution contribute to Science Education?	1 2 3 4 5 6 7 8 9 10
Remarks:	
TOTAL SCORE ADDITIONAL CRITERIA: /XX pts (To be considered exclusively in case of a tie between applicants once the score of the core criteria plus, if applicable, the score of the optional requirements is calculated)	

Overall Score without additional criteria :	/ XX pts
Overall remarks	

I declare that, to the best of my knowledge, I have no direct or indirect conflict of interest in the evaluation of this proposal

Evaluated by:

Name	
Position	
Organization	
Signature	<i>(electronic signature if possible, or a scanned signed copy)</i>
Date	



Annex 13 - Call for Solutions Territorial Selection. First meeting



CHERRIES
RESPONSIBLE HEALTHCARE ECOSYSTEMS

Territorial Selection (NAME OF THE CHALLENGE)

Call for Solutions.

First meeting

—
(ENTER THE DATE)



(NAME OF THE CHALLENGE) Call for solutions – First Selection Committee meeting

1. General presentation of the event

1.1 Description of the event

Date:

Location:

Organizer:

Chairperson:

1.2 Purpose

This is the first meeting of the territorial Selection Committee of the CHERRIES call for solutions. This meeting is part of the Selection Process in its second stage: the collaborative assessment. Indeed, the selection process of this call for solutions is composed of the following stages:

- Eligibility check by the territorial Funding/contracting body
- Individual assessment by all the selection committee's members
- Collaborative assessment of the selection committee
- Oral Presentations of the three shortlisted solution providers finalists
- Final decision of the Selection Committee

The main purpose of this session is for the Selection Committee, based on the results of the individual assessments, to agree on the selection of the **three best promising applications** (collaborative assessment) that will access automatically to the final stage.

During this meeting, the chairperson is appointed among the members of the Selection Committee. He/she will be responsible to ensure the smooth coordination of the collaborative assessment process.

2. Selection Committee composition and attendees

Role	Organisation	Expert name	Identification Code	Comments

(NAME OF THE PERSON) was appointed chairperson of the Territorial Selection Committee.



In total, (NUMBER) full members of the Selection Committee attended the meeting (NUMBER OF MEN, NUMBER OF WOMEN) plus two organizer and observer members.

3. Applications and Results of the individual assessment

3.1 Application received and eligibility check

Numbers of applications received	...
Numbers of applications requested for clarifications after administrative check	...
Numbers of applications requested for clarifications after technical check	...
Numbers of eligible applications sent for revision of the Selection Committee	...

3.2 List of eligible applications

CHERRIES PROPOSAL Nº	Name of the proposal	Name of the applicant	Country
(SOLUTION PROVIDER CODE NUMBER)	(ACCRONYM) (FULL NAME)	(ACCRONYM) (FULL NAME)	(NAME OF THE COUNTRY IN WHICH THE APPLICANT IS BASED)
(SOLUTION PROVIDER CODE NUMBER)	(ACCRONYM) (FULL NAME)	(ACCRONYM) (FULL NAME)	(NAME OF THE COUNTRY IN WHICH THE APPLICANT IS BASED)
(SOLUTION PROVIDER CODE NUMBER)	(ACCRONYM) (FULL NAME)	(ACCRONYM) (FULL NAME)	(NAME OF THE COUNTRY IN WHICH THE APPLICANT IS BASED)

3.3 Consolidated results after the collaborative assessment

Ranking of the evaluated applications after Collaborative Assessment (without counting additional criteria)	From (NUMBER OF POINTS) to (NUMBER OF POINTS)
Average score of the applications after Collaborative Assessment (without counting additional criteria)	(NUMBER OF POINTS)



CHERRIES PROPOSAL Nº	Name o the proposal	Final cumulative average score after collaborative assessment (without additional criteria)
(SOLUTION PROVIDER CODE NUMBER)	ACCRONYM FULL NAME	(NUMBER OF POINTS)
(SOLUTION PROVIDER CODE NUMBER)	ACCRONYM FULL NAME	(NUMBER OF POINTS)
(SOLUTION PROVIDER CODE NUMBER)	ACCRONYM FULL NAME	(NUMBER OF POINTS)

Overall remarks

(ADD THE MAIN COMMENTS AND OBSERVATIONS OF THE SELECTION COMMITTEE)

4. Results of the collaborative Assessment

Names of the 3 highest ranked companies after the collaborative assessment meeting and invited to the oral presentations

- a) ACCRONYM – FULL NAME
- b) ACCRONYM – FULL NAME
- c) ACCRONYM – FULL NAME

Names, scores, and reasons of rejection for Applications after the collaborative assessment:

Overall remarks**SOLUTION PROVIDER Nº:**

- (REMARKS)

SOLUTION PROVIDER Nº:

- (REMARKS)



SOLUTION PROVIDER N°:
- (REMARKS)

.

Signed by the Chaiperson of the Selection Committee

Name	
Position	
Organization	
Signature	<i>(electronic signature if possible, or a scanned signed copy)</i>
Date	

CHERRIES Partners



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Annex 14 - Survey selection committee members



CHERRIES CALL FOR SOLUTIONS SELECTION COMMITTEE SURVEY

Interest and Expectations

Q1. Please indicate the societal type of organisation you belong to

- ☐ Healthcare
- ☐ Patients
- ☐ Academic/Research
- ☐ Business Market/Innovation
- ☐ Policy Makers
- ☐ Civil Society Organization

Q2. Did you hear about the CHERRIES project and its objectives and activities before being invited as a selection committee member?

- ☐ Yes
- ☐ No

Q3. If Yes, how did you know about the project?

Q4. Have you ever been part of a selection committee within a co-creation process in the healthcare sector?

- ☐ Yes
- ☐ No

Q5. What was your main interest/motivation when accepting being a member of the selection committee?

- ☐ Personal and/or Professional interest for the challenge to be solved
- ☐ Personal and/or Professional interest for the CHERRIES Project
- ☐ Personal and/or Professional interest for being part of a co-creation process in the healthcare sector
- ☐ Personal and/or Professional interest for the technical solutions proposed
- ☐ Other, specify



Q6. What was your expectations at the beginning of the selection process??

Q7. To what extent have your expectations been met? (1=not at all, 5=Completely)

- ☐ 1
- ☐ 2
- ☐ 3
- ☐ 4
- ☐ 5

Overall Selection Process

Q8. How would you value the process in terms of guidelines and level/clarity of information provided by the organizers?

- ☐ Very unsatisfied
- ☐ Unsatisfied
- ☐ Neutral
- ☐ Satisfied
- ☐ Very Satisfied

Q9. How would you value the quality and quantity of documents to be completed ?

- ☐ Very unsatisfied
- ☐ Unsatisfied
- ☐ Neutral
- ☐ Satisfied
- ☐ Very Satisfied

Q10. How would you value the process in terms of workload?

- ☐ Very unsatisfied
- ☐ Unsatisfied
- ☐ Neutral
- ☐ Satisfied
- ☐ Very Satisfied

Q11. Do you consider you have been sufficiently informed about the RRI principles and the co-creation process of the committee selection? (1=not at all, 5=totally)

- ☐ 1
- ☐ 2
- ☐ 3
- ☐ 4
- ☐ 5



Q12. Please provide your assessment of the overall process of the selection committee?

- ☐ Very unsatisfied
- ☐ Unsatisfied
- ☐ Neutral
- ☐ Satisfied
- ☐ Very Satisfied

Q13. According to you, what are the main positive points for this type of process ?

Q14. Please provide any recommendations/suggestions to improve this type of process

Collaborative Assessment

Q15. How would you value of the collaborative assessment sessions in terms of organization arrangements (schedule, contents, timeline, duration, format)?

- ☐ Very unsatisfied
- ☐ Unsatisfied
- ☐ Neutral
- ☐ Satisfied
- ☐ Very Satisfied

Q16. How would you value the collaborative assessment sessions in terms of interactions with the members?

- ☐ Very unsatisfied
- ☐ Unsatisfied
- ☐ Neutral
- ☐ Satisfied
- ☐ Very Satisfied

Q17. How would you value the 2nd collaborative assessment session in terms of interactions with the finalist solution providers?

- ☐ Very unsatisfied
- ☐ Unsatisfied
- ☐ Neutral
- ☐ Satisfied
- ☐ Very Satisfied



Q18. How would you value the collaborative assessment sessions in terms of equality in the decision-making process?

- ☐ Very unsatisfied
- ☐ Unsatisfied
- ☐ Neutral
- ☐ Satisfied
- ☐ Very Satisfied

Q19. Please provide recommendations/suggestions to improve the collaborative assessment sessions

Responsible Research Innovation

Q20. From 1 to 5 (1=not at all, 5=totally), please rate how comfortable you felt with the assessment of the RRI principles (gender, Ethics,) of the proposals

- ☐ 1
- ☐ 2
- ☐ 3
- ☐ 4
- ☐ 5

Q21. What would you suggest to improve the level of assessment regarding the RRI principles in such selection committees?

Q22. Do you think the committee composition and process complied with the RRI principle led by the project in terms of Gender Equality?

- ☐ Yes
- ☐ No
- ☐ I don't know

Q23. Do you think the committee composition and process complied with the RRI principle led by the project in terms of Open Access?

- ☐ Yes
- ☐ No
- ☐ I don't know

Q24. Do you think the committee composition and process complied with the RRI principle led by the project in terms of Science Literacy?

- ☐ Yes
- ☐ No
- ☐ I don't know



Q25. Do you think the committee composition and process complied with the RRI principle led by the project in terms of Education?

- ☐ Yes
- ☐ No
- ☐ I don't know

Q26. Do you think the committee composition and process complied with the RRI principle led by the project in terms of Public Engagement?

- ☐ Yes
- ☐ No
- ☐ I don't know

Q27. Do you think the committee composition and process complied with the RRI principle led by the project in terms of Ethics?

- ☐ Yes
- ☐ No
- ☐ I don't know

Q28. Do you think the committee composition and process complied with the RRI principle led by the project in terms of Governance?

- ☐ Yes
- ☐ No
- ☐ I don't know

Q29. Please report any benefits observed during the selection process, as a result of the inclusion of the RRI/Demand-driven and co-creation approach

- ☐ scientific (e.g. Higher relevance of scientific or innovation outputs; identification and inclusion of unmet needs in health and new research topics; improvement of research integrity/decrease in scientific and innovation misconduct; development of gendered innovation; better understanding of the societal challenges in health; social innovation through co-creation)
- ☐ economic (e.g. decreased costs of introducing innovation and increased adoption; improved products and services aligned with patients/end-users demands; frugal innovation accessible in health accessible for all the citizens etc.)
- ☐ democratic (e.g. inclusion of local knowledge and societal perspectives in the process of design, development, and deployment of R&I in health; better governance of ethical dilemmas and societal controversies in R&I in health; fair and inclusive access/participation to R&I decision making and priority setting in healthcare; increasing of collective responsibility, citizen engagement and social trust to R&I; etc.)
- ☐ social (e.g. increasing trust and interest in science in the local communities; alignment of R&I in health with societal needs and local development challenges; establishment of new relationship with the territory; development of frugal and inclusive innovation solutions accessible to all the citizens; etc.)



Q30. In your opinion, to what extent this process can promote the creation of a regular institutional space for societal engagement of relevant stakeholders of the R&I ecosystem at regional/territorial level in the health sector?

Q31. In your opinion, how do you think this project initiative can contribute to the inclusion of RRI principles and recommendations within regional strategies/policies in health sector?

Q32. Please provide any specific initiatives related to the RRI policy areas of change (Gender Equality, Open Access, Science Literacy and Education, Public Engagement, Ethics, Governance) that you think would benefit to the regional health sector strategies/policies



Annex 15 - Territorial Report. Final



CHERRIES
RESPONSIBLE HEALTHCARE ECOSYSTEMS

Territorial Selection Call for Solutions. (NAME OF THE CHALLENGE)

—
(DATE)



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1. Selection Process Calendar

Closing of the call	DATE
Eligibility check: administrative and technical	DATE
Individual evaluations	DATE
1st evaluation meeting	DATE
2 nd meeting & interviews with the selected companies	DATE
Committee decision provisional	DATE
Claim period	DATE
Answers to claims presented	DATE
Committee decision final	DATE
Co-creation kick-off meeting	DATE

2. Selection Committee Composition

The following members of the selection committee have been preselectioned by the project regional partners for their expertise in the topic and in line with the Responsible Research and Innovation principles of gender dimension, representative from the stakeholders, academia, health sector and civil society.

Role	Organisation	Expert name	Identification Code
			(CODIFICATION)
			(CODIFICATION)
			(CODIFICATION)

3. Administrative and Technical Eligibility Check of the applications

Numbers of applications received	(NUMBER)
Numbers of applications asked for clarifications after administrative check	(NUMBER)
Numbers of eligible applications sent for the technical eligibility check	(NUMBER)
Numbers of eligible applications sent for revision of the Selection Committee	(NUMBER)



Main reasons of rejection:

Overall remarks

4. Individual Assessment

Ranking of the evaluated applications after individual Assessment	From (NUMBER) to (NUMBER)
Average score of the applications after individual Assessment	SCORE
Minimum threshold	THRESHOLD
Names and score of the 3 highest ranked companies after the first individual assessment process	1. (ACCRONYM + COMPANY/ENTITY NAME+ SCORE) 2. (ACCRONYM + COMPANY/ENTITY NAME+SCORE) 3. (ACCRONYM + COMPANY/ENTITY NAME+SCORE)

Names, scores, and reasons of rejection for Applications after the individual assessment stage:

Overall remarks

5. Evaluation stage: Collaborative Assessment

Ranking of the evaluated applications after Collaborative Assessment	From (NUMBER) to (NUMBER)
--	---------------------------



Average score of the applications after Collaborative Assessment	(SCORE)
Names and score of the 3 highest ranked companies after the collaborative assessment meeting and invited to the oral presentations	<ol style="list-style-type: none">1. (ACCRONYM + COMPANY/ENTITY NAME+ SCORE)2. (ACCRONYM + COMPANY/ENTITY NAME+SCORE)3. (ACCRONYM + COMPANY/ENTITY NAME+SCORE)

Names, scores, and reasons of rejection for Applications after the collaborative assessment:

Overall remarks

4. Oral Presentations and Final Decision

Awarded Solution Provider and Score:
NAME OF THE COMPANY/ENTITY

Reserve List 1 (IF APPLICABLE):
NAME OF THE COMPANY/ENTITY

Reserve List 2 (IF APPLICABLE):
NAME OF THE COMPANY/ENTITY

Overall remarks



Signed by the chairperson:

Name	
Position	
Organization	
Signature	<i>(electronic signature if possible, or a scanned signed copy)</i>
Date	

Annexes

Annex 1 Evaluators Guidelines

CHERRIES Partners



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Annex 16 - Notification of results

Annex 16a – Notification of rejection



Notification Results

CHALLENGE

(NAME OF THE CHALLENGE)

Dear XXXXX,

Thank you for submitting your proposal for consideration as recipient of financial support in the frame of the project H2020 CHERRIES grant agreement n° 872873, call for solutions to solve the challenge of XXXXXXXX.

The evaluation process has been completed, and despite the good quality of your application, we regret to inform you that your proposal has not been selected for this call.

On behalf of the whole CHERRIES, I would like to thank you again for participating in this call for solutions.

Yours sincerely,

XXXXX



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Annex 16b – Notification of award



Notification Results

CHALLENGE

(NAME OF THE CHALLENGE)

Dear (NAME OF THE APPLICANT CONTACT PERSON),

Thank you for submitting your proposal for consideration as recipient of financial support in the frame of the project H2020 CHERRIES grant agreement n° 872873, call for solutions to solve the challenge of (NAME OF THE CHALLENGE).

The evaluation process has been completed, and we are pleased to inform you that your proposal (NAME OF THE PROPOSAL) has been selected as the best solution to address this challenge.

On behalf of the whole CHERRIES Team, I would like to congratulate you and your team for the success of your proposal.

We will contact you shortly to formalise the contract process.

Yours sincerely,

(NAME OF THE REPRESENTATIVE OF THE FUNDING/CONTRACTING BODY)



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Annex 17 - Public evaluation report



CHERRIES
RESPONSIBLE HEALTHCARE ECOSYSTEMS

Territorial Selection (NAME OF THE CHALLENGE)

Call for Solutions.

Public Evaluation Report

—
(DATE)



RESULTS OF OPEN CALL FOR RECIPIENTS OF FINANCIAL SUPPORT

Project Accronym: CHERRIES

Project Grant agreement number: 872873

Project Full Name: Construction Healthcare Environments through Responsible Research Innovation and Entrepreneurship Strategies

Project CHERRIES, funded from the European union's Horizon 2020 research and innovation programme under grant agreement N° 872873, launched an open call for recipients of financial support.

The call closed on the 15th of April, at 17h00 (CEST).

A total of (NUMBER) applications were received for this call. One proposal will receive funding for a total amount of (EUR).

The evaluation and selection have been completed.

All proposers have been informed about the evaluation results for their proposal for financial support.

Call information

The call was published on project CHERRIES's website (<https://www.cherries2020.eu/>) and on the Horizon 2020 Participants Portal (<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/competitive-calls>) on the 15th of February 2021. Full call details were published at: (ENTER THE LINK TO THE CALL).

Response to the call in details

	Number of proposals	Funding requested
Proposals received		EUR
Eligible proposals		EUR
Proposals above threshold		EUR



Selected proposals for final Oral Presentations		
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List of selected proposals and reserve list

	Organisation	Country	Funding Awarded
Selected Proposal			

	Organisation	Country	Funding requested
Reserve List 1			
Reserve List 2			

CHERRIES Partners



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement n° 872873. This document reflects only the author's view and the Commission is not responsible for any use that may be made of the information it contains.



Annex 18 - Call for Solutions applicants survey (SE)



CALL FOR SOLUTIONS

APPLICANTS' SURVEY ÖREBRO REGION

Q1. How did you get information about the call (several answers are possible)?

- ☐ From a colleague in my organization
- ☐ Direct mail from Region Örebro County
- ☐ From a network I'm part of
- ☐ Via social media
- ☐ Through a newsletter
- ☐ Through Region Örebro County's website
- ☐ Other:

Q2. Did you attend an information meeting about the call, that was arranged by Region Örebro County and Activa Foundation?

- ☐ Yes
- ☐ No

If Yes, what did you think of the content?

Q3. Did you apply for project funding through the announcement?

- ☐ Yes
- ☐ No

Q4. (If Yes on Q3) How did you experience the application process?

- ☐ 1 Easy / simple
- ☐ 2
- ☐ 3
- ☐ 4
- ☐ 5 Complicated / difficult

Feel free to develop your answer:



Q5. (If Yes on Q3) Did you use any of the support resources offered via Region Örebro County and Activa Foundation in the work with the application?

- ☐ Yes
- ☐ No

If yes, how do you feel it worked?

6. (If No on Q3) What made you not apply for funding?

7. Anything else you would like to add regarding the call?



Annex 19 - Sub-grant Agreement Template



CHERRIES
RESPONSIBLE HEALTHCARE ECOSYSTEMS

SUB-GRANT AGREEMENT MODEL

**For provision of Financial
Resources from CHERRIES project
to third parties.**

**Territorial Call for Solutions.
(NAME OF THE CHALLENGE)**



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This Sub Grant Agreement model for provision of Financial Resources from CHERRIES to Third party contains the basic information needed with regards to the contract signature. The Sub-Grant Agreement allows the CHERRIES team to give financial resources to a third party. The Sub-Grant Agreement must be signed by the Solution Provider to receive the grant. The funds received by the Sub-Grantee (Solution Providers) are owned by the European Commission. The Contractor is merely the holder and manager of the funds.

CHERRIES project has received funding from the European Union's Horizon 2020 Research and Innovation programme under Grant Agreement N 872873

ABOUT CHERRIES

The main aim of CHERRIES project is to support healthcare research and innovation policy and pilot actions by interlinking Responsible Research and Innovation (RRI), demand-side policy and territorial innovation models. This pilot innovation process is being implemented and tested in the territories of Murcia (ES), Örebro (SW) and the Republic of Cyprus (CY). Subsequently, three additional Mirror territories will be supported in adopting the CHERRIES model. The model applies RRI methods in the innovation process, not only contributing to more innovative territorial environments but also to more suitable single innovations that therefore have a higher chance of being widely adopted and establish them successfully on the market. With these innovative design processes, the project contributes to more open, transparent and democratic R&I systems in the engaged territories and beyond, creating societal, democratic, environmental, economic and scientific impacts as well as tackling transformation processes of the organizations involved.

The signature of this sub-Grant Agreement is the last step of an open call for solutions to carry out the pilot actions in each of the participant territories and aims to give solution to a need that has been previously selected in an open process in each region with the final objective of stimulating institutional reflection processes on how to innovate products and services in the healthcare sector through participatory approach.

1. PARTIES

CHERRIES contracting/Funding body

Name of the organization in English:

Name of the legal Representative:

Name of the contact person within the Organization:

e-mail :

Mobile phone :

Country of the Organization:

Address of the Organization:

VAT No. of the Organization:

hereinafter referred to as the “CHERRIES contracting/Funding body”

and

Solution provider

Name of the company in English:

Legal Representative of the Company:

Name of the contact person within the company:

email:

mobile phone

country of the company Address of the company

Identification number of the company Bank name:

Bank account number:

IBAN:

hereinafter as the "Solution Provider"

The contracting Parties HAVE AGREED to the following terms and conditions including those in the following annexes, which form an integral part of this Sub-Grant Agreement which is funded under the CHERRIES – " Responsible Healthcare Ecosystems" project. The CHERRIES project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement n° 872873.

The Cherries consortium provides financial support to third parties in the frame of the pilot activities according to the provisions set in the https://ec.europa.eu/research/participants/data/ref/h2020/wp/2018-2020/main/h2020-wp1820-swfs_en.pdf (p. 64). The financial support to third parties is provided in the form of **grants** and the respective options of Article 15.1 and Article 15.3 of the Model Grant Agreement according to the requirements set in the *General Annex K of the Horizon 2020 Work Programme*.

The Parties agree to the following terms and conditions including those in the following annexes, which are integral part of this Sub-Grant Agreement.

Annex I Solution development plan (to be provided by the solution provider)

Annex II Call for Solutions

Annex III Templates for reporting

2. DURATION OF THE PROJECT

The duration of the Project shall be of 10 months from the (START DATE), date of the Kick-off meeting (hereinafter referred to as the "*Start Date*") to the (END DATE), final date of the co-creation process (hereinafter referred to as the "*End Date*").

3. OBLIGATIONS OF THE CHERRIES PARTIES INVOLVED IN THE CO-CREATION PROCESS

This Sub-Grant Agreement settles the specific conditions, rights and obligations for the CHERRIES contracting/Funding body, the co-creation team and the Solution Provider for the implementation of the Project.

- The funds to be received by the Solution Provider (NAME OF THE SOLUTION PROVIDER) under the Project are owned by the European Commission. The CHERRIES contracting/Funding body (NAME OF THE CONTRACTING/FUNDING BODY) is a holder and manager of the funds.
- Parties of the co-creation (co-creation team: challenge proposer team, CHERRIES contracting/Funding body & solution provider) agree the base conditions as the framework of the following process during the next 10 months: objectives, tasks, commitments by both parts, milestones and deadlines. All this will be written and signed in the co-creation agreement, and it would be part of the sub-grant agreement. These conditions are an evolution of the proposal made by the challenge proposer team on the call for solutions, but improved thanks to the first discussion between the solution provider and the co-creation team when they finally meet at the co-creation kick-off meeting. During this meeting, the co-creation team will discuss functional, organisational and technical information to give an ideal start to co-create Digital Health Solutions of the future. Once the basis is set and the co-creation agreement is signed, the co-creation process will start.
- The Solution Provider will receive valuable insights to the practical healthcare context to ensure demand-driven approach and gain advantage to competitors. During the co-creation, the Solution Provider will interact with the healthcare professionals and with end beneficiaries involved in the design and validation.
- In addition, the Solution Provider (NAME OF THE SOLUTION PROVIDER) will receive practical business support from the partners of CHERRIES project. The Solution Provider will be given information regarding relevant private and public funding opportunities to develop a sound go to market strategy beyond the CHERRIES funding.

4. OBLIGATIONS OF THE SUB-GRANTEE (SOLUTION PROVIDER)

The Solution Provider is obligated to implement the project in compliance with the time frame and financial and other conditions stipulated in this Sub-Grant Agreement. The Solution Provider shall immediately inform the CHERRIES contracting/Funding body in written form or any circumstances which may affect the realization of the project or of any changes in contractual conditions. The CHERRIES contracting/Funding body shall decide upon such circumstances and changes.

Contracts with the Sub-Grantee (Solution Provider) will be managed by the CHERRIES contracting/Funding body. The administrative tasks for the Sub-Grantee (Solution Provider), including activity reporting obligations and related documents will be provided during the negotiation and contracting phase.

Successful applicant formally accepts the following conditions in case of being awarded as Beneficiary Solution Provider:

- Beneficiary accepts its responsibility on accuracy and veracity of data and documents submitted for proving the fulfilment of the eligibility criteria when submitting its application.

- Beneficiary will provide documentary evidence proving the co-creation and provision of services. (see section 5)
- Beneficiary is obliged to store the documents for external audit purposes until (DATE) either on paper or electronic version.
- Beneficiary is in general bound to art. 35 (Conflict of interest), art. 36 (Confidentiality and Data Protection), art. 38 (Visibility of EC funding) and art. 46 (Liability) of the Annotated Model Grant Agreement

AGA of the H2020 Programme, without prejudice to the provisions set out in this Call and in the Sub-Grant Agreement. With regards to art. 38 (Visibility of EC funding), beneficiaries will make references to public funding from the EU, including suitable logos, and EU flag. Beneficiaries will include references to CHERRIES.

- Specifically show that funding is 100% under European Union's Horizon 2020 Research and Innovation Programme - Grant Agreement No. 872873.
- The recipient of the financial support allow the EC, the European Anti-fraud Office (OLAF) and the Court of Auditors to exercise their powers of control, audit and monitoring on documents, information, even stored on electronic media, or on the final recipient's premises, and shall comply with the Regulation for the Protection of the financial interests of the Union.
- Beneficiary shall implement the Services in compliance with all the conditions and obligations set out in [Regulation \(EU\) 1290/2013](#), the Call and the Sub-Grant Agreement. Beneficiary shall make no commitments which are incompatible with the Regulation or the Sub-Grant Agreement.
- Beneficiary shall implement the Services and shall take all necessary and reasonable measures to that end. They shall have the appropriate resources as and when needed for carrying out the Services.

5. PROJECT DELIVERABLES, REPORTING PERIOD AND LANGUAGE OF REPORTS

Annex I: Solution development plan (SOLUTION PROVIDER proposal to CHERRIES call) must clearly indicate the content and activities of the Project and technical objectives, deliverables, and milestones to be reached by the Solution Provider during the Project, as well as the expected achievements from participation in the CHERRIES co-creation Programme. This information will be used during the reviews, to receive payments.

The first step in the co-creation and business-support activities will be the definition of a framework based on the annex I. Solution Provider shares an updated version of its initially proposed work plan.

During the Project, the Solution Provider produces and provides the following Project deliverables, and reports using templates for reporting that the CHERRIES contracting/Funding body will provide (see ANNEX 2). The reporting period will cover the whole co-creation process (10 months maximum).

The list of deliverables and milestones will be definitively agreed and stated in the co-creation plan, and although the working language will be Spanish, deliverables shall be provided in English.

The deliverables and milestones will include:
(LIST OF DELIVERABLES AND MILESTONES)

5.1 REPORTING

The awarded Solution Provider will have to take part of a co-creation process where different stakeholders will be involved. The detailed information will be included in the Co-creation Agreement Plan. In any case, a minimum of (NUMBER) meetings including the kick-off, the intermediate and the final wrapping-up will have to be organized with the rest of the co-creation team in order to assess the development of the implementation of the activities.

Two reporting periods are foreseen:

- **Progress report 1** of the co-creation process. After the end of month 5, on the (INSERT DATE), the latest, the solution provider will send a first report on the status of the activities to both the CHERRIES contracting/Funding Body and the Challenge proposer team, following the report template (Annex III). Once this report is approved, the second payment will be made.
- **Final report:** 30 days after the end of the co-creation process, the solution provider will send to CHERRIES Funding Body and the Challenge proposer team, the final report including all the required technical and financial information.

6. MAXIMUM FINANCIAL CONTRIBUTION

In accordance with the budget proposed by the Solution Provider in its proposal, the maximum financial contribution to be granted to the Solution Provider for the implementation of the Project will be (AMOUNT IN EUROS)

7. PAYMENT OF FINANCIAL CONTRIBUTION

The awarded solution provider will receive a lump sum of up to (AMOUNT IN EUROS). The grant is intended to cover all the costs required to develop the pilot project such as actual personnel costs, as well as travel and accommodation. In the application form, applicant provides a budget breakdown with the foreseen costs as detailed in Annex 1 together with the solution for development.

Table of the foreseen budget:

(INSERT TABLE BUDGET))

First payment: Once the signature of the Sub-Grant Agreement is completed and the CHERRIES contracting/Funding body has sent one copy back to the Solution provider, the Solution provider may request for an advanced payment of the 40% of the grant to CHERRIES contracting/Funding Body. A bank guarantee will be required to Solution provider.

Second payment: The second payment of 40% will be made after a mid-review report is delivered and validated.

Final payment: The final payment will be made after deliverance of the final report and subject to the validation after Co-creation.

The CHERRIES contracting/Funding body reserves the right to withhold the payments in case the Solution Provider does not fulfil with its obligations and tasks as described in this Sub-Grant Agreement.

The CHERRIES contracting/Funding body reserves the right to decrease the final payments in case of difference between the forecast budget and the final amount certified.

Banking and transaction costs related to the handling of any financial resources made available to this Project shall be covered by the Solution Provider.

Once the bank transfer is operated, copy of the Completion Certificate will be signed by the CHERRIES contracting/Funding body and will be emailed by the CHERRIES contracting/Funding body to the Solution Provider.

The final payment to the Solution Provider is the last step of the Call for Solution Providers and states the end of the interaction.

Sub-Grantee (Solution Provider) accepts that the CHERRIES contracting/Funding, Agency, the Commission, the European Court of Auditors (ECA) and the European Anti-Fraud Office (OLAF) can exercise their rights under Articles 22 and 23 of the GA NUMBER 872873 (reproduced at the end of this document). This implies that EU services can go to the premises of the third parties for carrying out checks about the compliance of the conditions for the financial support.

8. FINANCIAL STATEMENT

A Financial statement details the actual expenses according to the costs. In particular, Solution Provider must explain what direct costs they have incurred during the duration of the project.

Solution provider should provide an overview of its expenses according to the budget proposal (which is part of the proposal and thus annexed to this contract).

Solution provider should keep all the invoices related to the action and all the documentation of the work for 2 years after the end of CHERRIES Project.

Costs shall be reported in Euros.

9. DEFAULTS

In the event of the CHERRIES contracting/Funding Body identifies that the Solution Provider has:

- i) breached its obligations under this Agreement.
- ii) stops to carry out the Project and is not able or willing to continue the Project.
- iii) is engaged in a bankruptcy or receivership process,

the CHERRIES contracting/Funding body will give written notice requiring that such breach to be remedied within 14 days.

In the event that the Solution Provider has not brought remedies from the notice, CHERRIES contracting/Funding body may decide to terminate this Agreement unilaterally.

Moreover, in the event the breach of the contractual obligations has been intentioned or with gross negligence, CHERRIES contracting/Funding body requests the Solution Provider the refund of the payments made to date.

10. INTELLECTUAL PROPERTY RIGHTS & NON-DISCLOSURE AGREEMENT

10.1 Originality of the sub-granted projects

It is required that proposals submitted are based on original works by the applicants and that their foreseen developments are free from third party rights. CHERRIES consortium is not obliged to verify the authenticity of the ownership of the foreseen products/ services. Any issues delivered from third party claims that arise a result of the sub-granted projects are on the sole responsibility of the applicant.

10.2 Ownership of the sub-granted projects

(INSERT DETAILS)

10.3 Liability

CHERRIES consortium cannot be held liable for any acts or omission of the applicant in relation to the selected sub- granted project implemented by the Solution Provider. The CHERRIES consortium shall not be liable for any defaults of any products, processes or services created in the sub-grant project. Including, for instance, anomalies in the functioning or performance thereof.

Solution Provider will indemnify the CHERRIES consortium, in case of any action, complaint or proceeding brought by a third party against the CHERRIES consortium as a result of damage caused, either by any of its acts or omissions in relation to sub-granted project, or by any products, processes or services created by it based on foreground resulting from the sub-granted project.

Solution Provider shall bear sole responsibility for ensuring that their acts within the framework of their sub-granted projects do not infringe third parties right.

11. PRIVACY

The approach of the pilot must be previously validated by an Ethics Committee of the Challenge Proposer health organisation will pay special attention to the protection of personal data, observing the requirements established by the new European data protection [Regulation \(EU 2016/679\)](#) and each national law. Among others an Impact Analysis document, with identified risks and proposed measures, will be required to the Solution Provider.

In the case of involving patients, the Ethics Committee will focus on the informed consent of the participating patients. Children are not foreseen to be involved, but in case it is necessary to involve them, permission will be requested to their parents when they are minors.

Solution Provider will be asked to anonymize the data according to mechanisms established by the Challenge proposer health organization. At any case, the Solution Provider cannot exploit or make use of the data for different purposes than the ones agreed with the Challenge Proposer health organization and, after pilot end, all copies of the data have to be transferred back to the Challenge Proposer health organization or deleted.

The anonymized data can be hosted by the Solution Provider. If the complexity of the connections were too high or the personal data could be at risk, the data should be hosted in local servers of the challenge proposer health organization. This will be established in a technical session at the beginning of the project.

The solution provider will notify the co-creation team organization systems about certain events and situations. Anyway, the Solution Provider will provide mechanisms in order to guarantee that the challenge proposer health organization can exploit the data.

12. DISSEMINATION AND EXPLOITATION OF RESULTS

Beneficiaries shall comply with all the terms and conditions set out in the General Condition Annex (Annex II) to develop the CHERRIES project (EU-funded through Horizon 2020 programme), related to the following aspects concerned the Services:

- RIGHTS AND OBLIGATIONS RELATED TO RESULTS: Ownership of Results, Protection of Results, Exploitation and dissemination of results, access rights to results, Transfer and licensing of results.
- RIGHTS AND OBLIGATIONS RELATED TO BACKGROUND: Access rights principles, Access rights for implementation, Access rights for exploitation.

13. INFORMATION AND COMMUNICATION

- Information and communication towards the EC. The Sub-Grantee (Solution Provider) shall, throughout the duration of the Project, take appropriate measures to engage with the public and the media about the Project and to highlight the financial support of the EC (following the indications of Annex II).
- Information and communication among the Contracting Parties. Any communication or request concerning the Sub-Grant Agreement shall identify the Sub-Grant Agreement number, the nature and details of the request or communication, and be submitted to the CHERRIES contracting/Funding body.
- Any changes of persons or contact details shall be notified immediately to the CHERRIES contracting/Funding body. The address list shall be accessible to all concerned.

14. DATA PROTECTION & ETHICS

14.1 DATA PROTECTION

CHERRIES partners are committed to protect and respect applicants' privacy in accordance with the Data Protection Directive 95/46/EC. We do hereby inform you that the data you have sent us by way of this electronic form shall be included in the information systems of the CHERRIES contracting/Funding body. Said communication shall be used to deal with your request, as well as to send any information which may be of interest to you about our activity. By indicating your data, and pursuant to the stipulations of article 6 of the L.O.P.D., you are granting your clear consent to (NAME OF THE CONTRACTING/FUNDING BODY) to process, in compliance with the purposes mentioned in the previous paragraph above, the personal data provided. Notwithstanding, at any time you may exercise your rights of access, rectification, objection and, where applicable, cancellation, at the address: (INSERT ADDRESS) or at the e-mail: (INSERT EMAIL ADDRESS)

14.2 ETHICS

All data collected within this project will be carefully protected in compliance with relevant national data protection legislation of the EU member states implementing the General Data Protection Regulation (GDPR), which replaces the European directive 95/46/EC. All research is designed and undertaken to ensure *"the right to privacy, the right to protection of personal data, the right to the physical and mental integrity of a person, the right to non-discrimination"*, following article 19 of the Regulation 1291/2013 of the European Parliament and of the Council. Personal data will be of qualitative and quantitative nature encompassing also audio-visual formats. Personal data will be stored in a way to not allow the identification of the subjects. CHERRIES will not publish any personal data unless participants have explicitly given their permission. Publications based on personal data will only report aggregated data and shall not contain information that may permit the identification of individual participants unless otherwise agreed.

As it is one of the project's core concerns, CHERRIES ensures transparency and accountability for data collection processes, data ownership, and data storage, by upholding the right for participants' informed consent and their right to withdraw their participation in the studies overtaken at any time.

All the actions carried out within CHERRIES project must follow these ethic rules:

- Participants will be ensured with full protection for their personal data unless they agree otherwise. Moreover, participants will be informed that researchers shall protect them when desired. Personal data will be anonymized and not be shared with third parties. Data will be collected and stored securely.
- Participants will sign an informed consent that will provide as much information as possible about the project so that they can take an informed decision about their possible involvement and the continuation of their involvement. The purpose of the project will be explained both orally and through an information sheet. The consent form and information sheet which will be prepared shall be in the participant language and will use terms fully understandable to the potential participants. Participants will be asked to read, fill in, date and sign it in written declaring that they have read and understood the information.
- If participants inform the researchers of their decision to withdraw the consent which

they may have given previously to participate in the action, either in the light of their experience of participating in the study, or as a result of the debriefing which takes place after data collection is complete, the researchers will proceed to permanently destroy the data provided.

- No minors will be involved in any of the activities carried out within CHERRIES project.

15. LIABILITY

Beneficiaries shall retain responsibility for the services carried out.

Except in case of force majeure, the Beneficiary must compensate the CHERRIES consortium for any **damages** it sustains as a result of the implementation of the services or because the action was not implemented in full compliance with the Sub-Grant Agreement.

If the Solution Provider **breaches any condition**, requirement or time term stated in the Sub-Grant Agreement, the Call or other applicable legal requirements, a breach procedure will be started. The Solution Provider will be notified, any claiming from it will be processed and a final decision and its communication issued. These procedures could finally result in losing the awarded grant, including any reimbursement if already paid. The CHERRIES contracting/Funding body is responsible for issuing these procedures as stated in the Sub-Grant Agreement.

Therefore, in case of any cause resulting in the need of **reimbursement of the grant** received by the Solution Provider, the corresponding CHERRIES contracting/Funding body will proceed through its habitual procedures under local law. Alternatively, the CHERRIES contracting/Funding body could execute the Solution Provider's bank guarantee in order to recover the grant paid, if stated in the Sub-Grant Agreement.

Solution provider shall ensure that the Funder CHERRIES contracting/Funding body is informed in due time of any event which might significantly affect the implementation of the action or the interests of the Union.

16. APPLICABLE LAW AND COMPETENT COURT

This Sub-Grant Agreement is ruled under Spanish law. Any dispute, controversy or claim arising out of or relating to this Sub-Grant Agreement, or the breach, termination or validity thereof, shall be finally settled by arbitration in accordance with the Arbitration Rules of the Spanish Chamber of Commerce. The number of arbitrators shall be one.

17. SUBGRANT AGREEMENT PROVISIONS

Any provision of this the Sub-Grant Agreement, shall take precedence over the provisions of any of the Annexes.

18. ENTRY INTO FORCE

This Sub-Grant Agreement shall enter into force after the signature of CHERRIES contracting/Funding body and Solution Provider's legal representatives. The effective date will be the last date of signature. This Agreement has been made in two originals in English.

19.AMENDMENTS

Amendment of the Sud-Grant Agreement is possible during the implementation of the project. In such cases, the request for amendment must be formally issued from the interested party to the other two parties in written form before the conclusion of the project, by including more precisely:

- Issue to be amended
- Reasons for such an amendment
- Contingency plan with detailed info on the measures to be implemented in order to assure the completion of the envisaged objectives of the project.
- Envisaged date of deliverance of the reporting evidences.

Such a request is to be managed by the CHERRIES contracting/Funding body who will prepare a formal amendment of the SGA which will be circulated to the other two parties for signature. The flow of signatures will be Solution Provider and CHERRIES contracting/Funding body.

Any amendment will enter into force the day of the last signature.

20.SIGNATURES

CHERRIES contracting/Funding body

(NAME OF THE CONTRACTING/FUNDING BODY)

Name of legal representative:

Job Title:

Signature of legal representative:

Stamp of the organisation (if applicable):

Date:

For (INSERT COMPANY NAME)

Name of legal representative:

Job title:

Signature of legal representative:

Stamp of the organisation (if applicable):

Date:

done at INSERT PLACE:

ANNEXES

CHERRIES Partners



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement n° 872873. This document reflects only the author's view and the Commission is not responsible for any use that may be made of the information it contains.