

CRANE

Deliverable 6.2- Project website

Dissemination Level: PU

Deliverable Type: DEC

Date: 30 September 2021

Distribution: WP6

Editors: Roberto Giménez, Mónica Bouzo

Contributors: EUROB

*** Dissemination Level:** PU=Public; CO=Confidential, only for members of the Consortium (including the Commission services); EU-RES= Classified information: RESTRAINT UE (Commission Decision 2005/444/EC); EU-CON= Classified Information: CONFIDENTIEL UE (Commission Decision 2005/444/EC); EU-SEC=Classified Information: SECRET UE (Commission Decision 2005/444/EC)

**** Deliverable Type:** R=Document, report; DEM=Demonstrator, pilot, prototype; DEC=Websites, patent fillings, videos, etc; ETHICS=Ethics requirement; ORDP=Open Research Data Pilot; DATA=data sets, microdata, etc.; OTHER

Document Summary

This document provides a brief overview of the presentation, features and characteristics of the project website. Although the electronic form of the material provides a more in-depth insight, allowing navigation, link and document access, this report could serve as a complementary guide.



DISCLAIMER

The work associated with this document has been carried out in accordance with the highest technical standards and CRANE partners have endeavored to achieve the appropriate degree of accuracy and reliability. However, since the partners have no control over the use to which the information contained within the document is to be put by any other party, any other such party shall be deemed to have satisfied itself as to the suitability and reliability of the information in relation to any particular use, purpose or application.

Under no circumstances will any of the partners, their servants, employees or agents accept any liability whatsoever arising out of any error or inaccuracy contained in this document (or any further consolidation, summary, publication or dissemination of the information) and/or the connected work. CRANE disclaim all liability for infringement of third-party rights and any loss, damage, expenses or claims suffered by any person using the information.

This document contains material and information, which is copyright of certain CRANE consortium parties and may not be reproduced, disclosed or copied without the consortium agreement and permission. The commercial use of any information in this document may require a license from the proprietor of that information.

The contents of this document are the sole responsibility of the CRANE consortium and can in no way be taken to reflect the views of the European Commission.

Table of Contents

Table of Contents	3
List of Authors	4
Document History	5
List of Figures.....	6
Glossary	7
Introduction.....	8
1. Landing website.....	8
2. Complete website.....	16

List of Authors

Partner	Authors
EUROB	Roberto Giménez, Mónica Bouzo

Document History

Date	Version	Editors	Status
20210930	0.1	Roberto Giménez, Mónica Bouzo	Final version

List of Figures

Figure 1. First part of CRANE home page at M2.....	9
Figure 2. Second part of CRANE home page at M2.....	10
Figure 3. First part of CRANE concept tag at M2.....	11
Figure 4. Second part of CRANE concept tag at M2.....	12
Figure 5. First part of CRANE consortium tag at M2	13
Figure 6. Second half of CRANE consortium tag at M2	14
Figure 7. Version of OMC tag at M2	15
Figure 8. Version of the pre-commercial procurement tag at M2	16
Figure 9. First part of CRANE Home page.....	17
Figure 10. Second part CRANE home page	18
Figure 11. Third part of CRANE homepage.....	19
Figure 12. First part of CRANE concept tag	20
Figure 13. Second part of CRANE concept tag	21
Figure 14. First part of CRANE consortium tag.....	22
Figure 15. Second part of CRANE consortium tag.....	23
Figure 16. First part of the actual CRANE OMC tag.....	24
Figure 17. Second part CRANE OMC tag	25
Figure 18. First part of CRANE PCP tag	26
Figure 19. Second part of CRANE PCP tag	27
Figure 20. CRANE news and events tag	28

Glossary

Acronym	Meaning
CED	Communication, engagement and dissemination
D	Deliverable
OMC	Open Market Consultation
PCP	Pre-commercial procurement
WP	Work package

Introduction

CRANE success will be highly dependent on the capacity of the consortium to bring the attention of multiple stakeholders and increase awareness among large audiences. Increase engagement in the project's activities will facilitate a fruitful exchange of expectations and requirements. During the interactions, all the questions and issues received will be gathered to define the technical specifications needed prior to the procurer's tender strategy. This will enhance the project's impact and ensure that at the end of the process the best possible solution is obtained. To this end, the CRANE website will be key to support the activities and fully document the feedback received, as it will serve to gather documents, create a paper trail, make announcements and solve questions. Therefore, the **Project Web Site represents the main Communication, engagement and dissemination (CED) channel and reference point for all actors interested in the project's development**. As the primary electronic portal for news, objectives and results sharing towards both the general public and interested stakeholders, the Website favours CRANE's transparency and openness. The project's website has already been created and is running since the second month of the project, demonstrating the consortium's priority on CED from the very beginning.

The website has been produced according to the branding policy of the project and following its unique visual identity, which combines flavours of red, black, grey and mainly blue colours. The website content has been selected to spread the key messages defined in the project's CED plan in an easy-to-understand way. Besides including standard information about CRANE, i.e. partners, duration, objectives, etc., it is also constantly updated with the project's approved public deliverables, scientific publications, planned or organized events, achieved milestones, breakthroughs, etc. Moreover, the website will include hyperlinked icons to join CRANE Twitter and LinkedIn accounts. To show in live mode all the activity and interactions happening in CRANE social media, it will also be synchronized with these accounts. **The latest version can be always found at:** <https://crane-pcp.eu/>

1. Landing website

To guarantee good project communication from its beginning, a first beta version was designed and implemented by month 2.

This first version included the draft of all the sections planned to be part of the final version and detailed below:

1. **Home Page:** At this time, it included a brief description of the project and its key parts, links to social media, main news and the first draft of a progress status figure.



CRANE (Comprehensive Treatment of Chronic Patients in Rural Areas) is an H2020 PRE-COMMERCIAL PROCUREMENT European project that aims to develop an integrated selfcare model to improve chronic patient's wellbeing



Crane in Brief

Goal



CRANE's will exploit the potential of data and procure the design of an all-in-one value-based service to create an integrated care model to improve chronic patient's wellbeing.

Consortium



CRANE brings together the experience of three rural regions with increasing levels of depopulation and a common and urgent need for transformation-Region Västernorrland in Sweden, Extremadura in Spain, and Agder in Norway. Norwegian, Spanish, Swedish and Danish partners complement the team with their multidisciplinary backgrounds and experience in PCP projects.

Pre-commercial Procurements



is an approach where the public sector challenges industry to stimulate the development of innovative solutions tailored to its need.

OMC



It is the initial core activity where the consortium approaches the market to find out about the state of the art, needs and current development in a specific field. CRANE aims to **maximise the market outreach** involving from early on players across the innovation ecosystem, IT and Healthcare industry, consultants in health care transformation, as well as social and local community players.

Beneficiaries



CRANE will make a direct impact on patients with chronic conditions or at risk of it, health and social care systems, local supply chains and industry. **Chronic patients** in rural areas will have access to self-care to improve their wellbeing. **The health and social care systems** will optimize their resources and increase their capacity. **Local supply chains** will have access to innovative production and the **European industry** will be able to boost its solutions and join forces with the -difficult to access- public sector.

Main Dates



The **kick-off** of the project was the **1st of June 2021** and it will last until the **31st May 2026**. The **OMC** is scheduled to start on **March 2022** and to end by June 2022, and the **call for tenders** publication is expected on **August 2022**.

Figure 1. First part of CRANE home page at M2

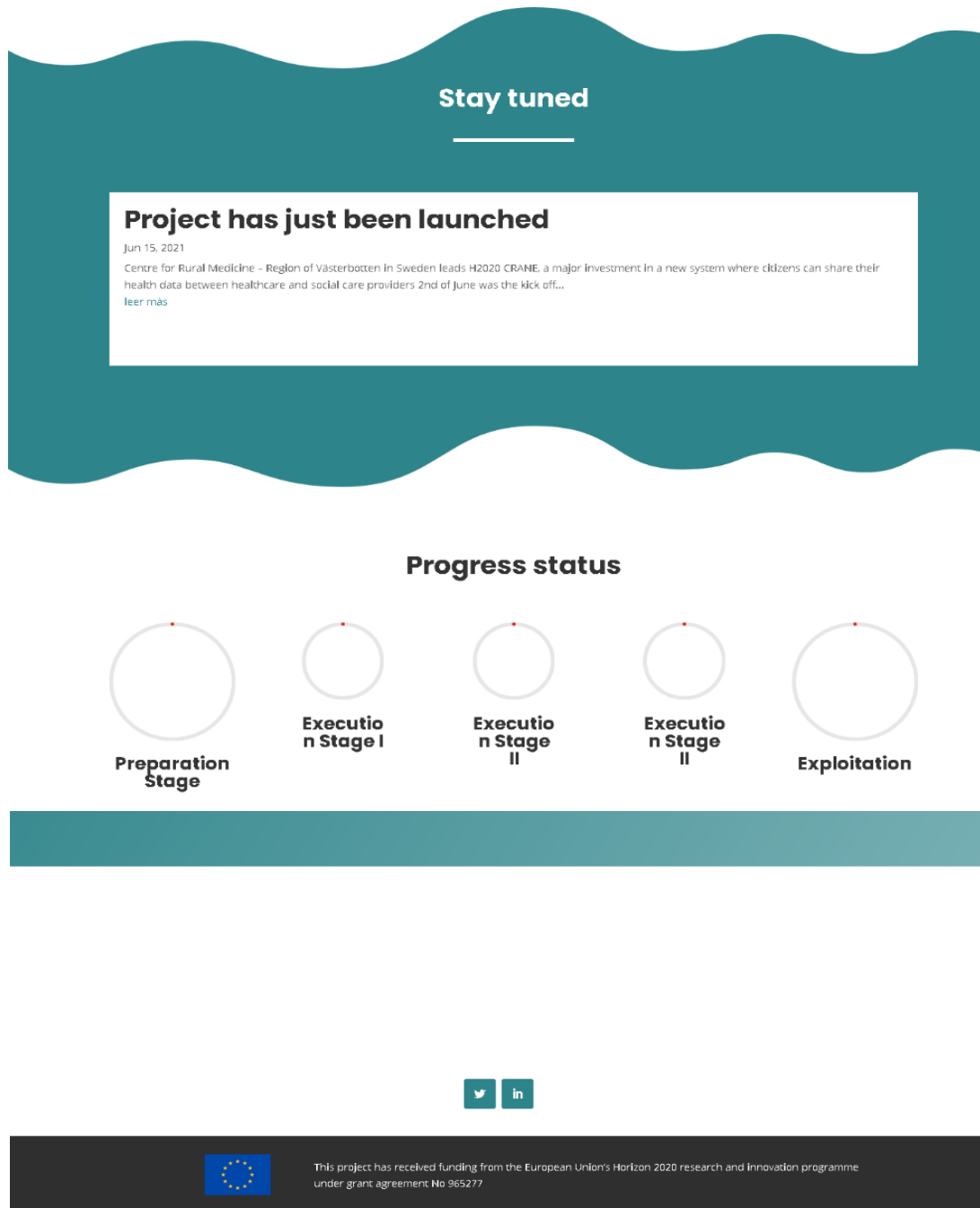


Figure 2. Second part of CRANE home page at M2

- 2. Concept:** The first version had a detailed explanation about the project including objectives and expected payback.

Concept



THE PROJECT

CRANE is an H2020 PRE-COMMERCIAL PROCUREMENT European project that aims to develop an integrated selfcare model to improve chronic patient's wellbeing



OBJECTIVES

Design a flexible and personalized selfcare model to treat chronic patients at home
Enhance new business ecosystems
Validate the new selfcare model in rural areas



PAYBACK

Improved life quality of chronic patients
Delayed appearance of chronic diseases
Optimized health and care resources
Reinforced social network and improved mental health
Enhanced local supply chains and European innovative business

Pre-Commercial Procurement (PCP) is an approach where the public sector challenges industry to stimulate the development of innovative solutions tailored to its need. CRANE will use it to addresses the comprehensive treatment of chronic diseases in the rural areas.

WHAT IS THE PROBLEM AND WHY IT IS IMPORTANT?

Municipalities are vulnerable when more than 19,5 % of the population is + 65 years of age and cities in the industrialised part of the world are expected to pass this level in 20 years or less. This demographic challenge is expected to stress the healthcare systems and urges the need for self-care innovation. To anticipate this situation CRANE will address the problem of chronic patients in three rural areas-Region Västerbotten in Sweden, Extremadura in Spain, and Agder in Norway-with more than 30% of the population over 65.

In some of our remote and rural municipalities, only 20% of chronic patients can be guaranteed full attention by social service and primary care entities. The remaining 70-80% need to be empowered to increase their self-control and self-management ability to protect their own health.

This presents us with the opportunity to use the participant rural areas, front runners in the demographic challenge as they are, as testing grounds to build sustainable solutions for healthcare and social care that can be exported to the rest of the world. Minimal viable system solutions that are transferable and scalable to larger city contexts.

WHAT CAN WE DO?

CRANE will help change citizens self-conception from being patients to become active citizens by evolving a model where chronic patients move to self-care supported by two pillars:

Healthcare from home: The adequate monitoring and intervention technology, supported by intelligent use of data to provide actionable interaction with patients, could dramatically reduce the need for professional healthcare.

Ecosystem: To support self-care treatments is essential to have a strong ecosystem of health and social care providers around the patient to fulfill their multiple needs. The ecosystem will be tailored to each person requirements to improve control, safety, security, freedom and well-being awareness of citizens.

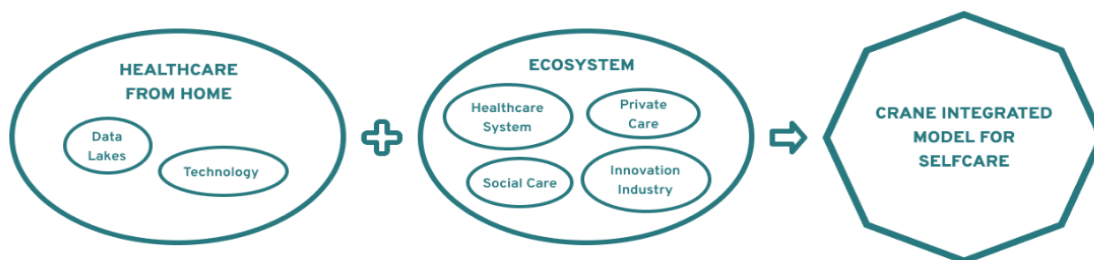


Figure 3.First part of CRANE concept tag at M2

HOW CAN THIS BE IMPLEMENTED

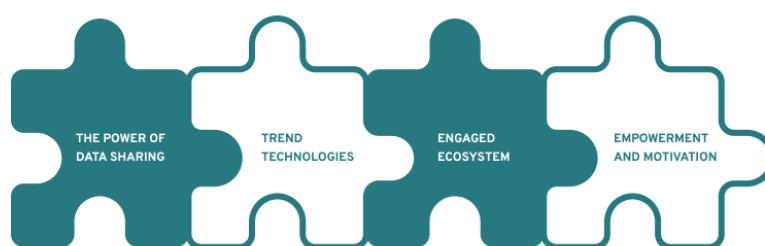
First, patients need to become the owners of their own health by giving them access, new insights and control of their own data through notions of GDPR legislation and the new European data strategy. Health data are usually seen as a personal possession, but this opens up a range of new possibilities to provide citizens with systems that offer them better control of their health data and the ability to share the data when appropriate. This will make them understand that **data can be used for the greater good** at the same time that to improve their own health and well-being.

The current structure of storing health data at healthcare and social care institutions is connected to legislation rather than providing the citizens with the best opportunity to utilize their data. Moreover, health and social care systems have different structures and the actual technologies for self-monitoring at home are rarely transferred between healthcare and social service providers. Therefore, is necessary to involve and share in the new model design, data from all critical actors: citizens, eHealth and the welfare tech industry as well as healthcare and social service providers (private and public).

The next step will be bringing cutting-edge innovation and trend technologies into the system to make the most of the collected data. A data lake can in a simple form serve as a safe harbour to store personal health data for citizens. But CRANE aims to develop a more advanced data lake applicable to different services as well as to different research, innovation and development activities. To ensure its success is also needed to build trust with the patients through transparent and open policies as well as applying a feedback system to demonstrate gains for the individuals, both in the short and long run. In this context, CRANE will base its platform on the latest encryption technology to develop a **secure public-private data lake platform**.

The multidimensional needs of the individual would need more than just technology at home. A person able to become a self-cared chronic patient will also need: Data management and digital literacy, health literacy about his/her condition and motivation, adapted to her/his personality. The ecosystem around the patient, which starts with healthcare and social care services, needs to be flexible to adapt dynamically to each person needs and the social context. **CRANE ecosystem will be tailored to improve control, safety, security, freedom and awareness of citizens well-being.**

In this manner, citizens, supported by their ecosystem, can be empowered to take responsibility for the design of their individual integrated care model and become self-responsible for their own health. This empowerment will improve patient's self-esteem making the system fully succeed.



OBJECTIVES

- Benefit from data lakes and open platforms to build a flexible, dynamic and personalized self-care model to treat at least 80% of chronic patients at home
- Enhance new business ecosystems based on ethical and transparent use of data and include local supply chain to design an all-in-one value-based service
- Validate the self-care model in rural areas of distant cultures to provide a system transferable and scalable to larger cities anticipating the healthcare challenges arising from an ageing population

PAYBACK:

- Improved life quality of people with complex chronic diseases
- Delayed appearance of chronic diseases
- Optimised use of health and care public resources
- Lower need of hospitalization and emergency assistance
- Reinforced social network and improved mental health of senior people
- Enhanced local supply chains and European innovation business

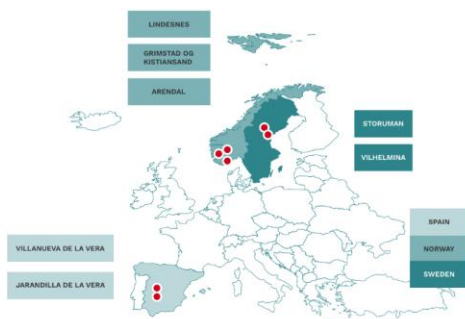


This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 965277

Figure 4. Second part of CRANE concept tag at M2

3. **Consortium:** The landing page included a map of the regions along with a description of each partner, its role and location.

Consortium



CRANE unites the efforts of 7 seven partners with multidisciplinary backgrounds from 4 European countries and three rural regions: Region Västerbotten in Sweden, Extremadura in Spain, and Agder in Norway with high levels of people over 65 and a common and urgent need for health and care innovation.

We combined committed regions with explicit political support and knowledge partners with a solid background and expertise managing PCP projects.

Region Västerbotten



[Visit Web](#)

Role: Coordinator/buyer region

Country: Sweden

The Centre for Rural Medicine at Region Västerbotten has many years of experience in working with research and development regarding healthcare in rural areas. In both regional as well as national and international projects.

Region Västerbotten has two important tasks that need and depend on each other – health and medical care, as well as regional development. By gathering power and skill, we become stronger and can create better conditions for powerful, long-term, sustainable development. We can also create the best conditions for working in partnership with the municipalities. Additionally, the people of Västerbotten's influence over the county's development is strengthened by an organisation of directly elected politicians.

Municipality of Kristiansand

Role: Buyer region

Country: Norway

The Municipality of Kristiansand represents the municipalities of Agder county in southern Norway, through the Regional Coordination Group for E-health Agder (RCG). RCG was established by the Council of Agder in January 2016, to take a leader in the use and implementation of telecare (welfare technology) in Norway. In Agder the municipalities and the hospitals have collaborated for several years, and have established the Agder Health

Community. Agder has participated in testing, development of national recommendations and implementation as part of the national welfare technology program.



[Visit Web](#)

Regional Ministry of Health and Social Services at the Government of Extremadura



[Visit Web](#)

Role: Buyer region

Country: Spain

The Extremaduran Regional Ministry of Health and Social Policies is a public institution (Department of Health and Social Services at the Regional Government of Extremadura, Spain) that manages the services for Healthcare (SES: Regional Healthcare System), Elderly and Dependency care (SEPAD: Social Care System) and other public or private research centers, providing resources, staff and facilities to develop any biomedical research activity in Extremadura.

The Institution has been acting as a perfect living lab for validation of different approaches

Figure 5. First part of CRANE consortium tag at M2

Centre for Connected Care

Role: **Research and innovation centre**

Country: **Norway**

The Centre for Connected Care emerged from Oslo University Hospital to accelerate the adoption of integrated patient centric services to create health value to municipalities, hospitals and companies and reduce health care costs. Center for Connected Care (C3), is a center for research-based innovation funded by the Research Council of Norway. The aim of the centre is to elaborate knowledge concerning new and innovative health services: hospital at home and remote follow-up. The focus of the centre is on designing good solutions, on procurement and on scaling. The activities will contribute to innovation and interdisciplinary research, providing insight into health and business policy areas. As a centre for research-based innovation, C3, has several years of experience in researching and evaluating new health services and technology



[Visit Web](#)

Eurob Creative



[Visit Web](#)

Role: **Supporting organization**

Country: **Spain**

EUROB CREATIVE is a highly specialized technology provider SME in the areas of Digital Health, Big Data and Blockchain that acts both as a technology provider and developer of products and services for healthcare and security. Relatedly, EUROB has over the years developed several in-house and for client's projects, related to customized platforms for data recovery and storage, with special attention to data protection (GDPR compliance) as well as data security (data encryption, anonymization) aspects. EUROB has solid experience in R&D projects, especially in European projects and programmes, as well as in initiatives and acceleration programmes for SMEs, entrepreneurs and Start-ups

PPCN

Role: **Supporting organization**

Country: **Denmark**

PPCN is a health and care tech consultancy company based in Copenhagen and Bangkok, that help Scale-ups develop their markets on new business development. Have vast industry and user experience in the healthy ageing tech market and key person behind have been a major actor on a European scale to promote the agenda of integrated care and active and healthy ageing through standardisation and policy initiatives, and by managing projects since 2007 in the field. Currently, PPCN is running market adoption projects of AI-based ageing tech, telehealth, HIS systems and advanced medical device remote patient monitoring for SMEs primarily in EU and outside (Israel)



[Visit Web](#)

Valde Innova



[Visit Web](#)

Role: **Supporting organization**

Country: **Spain**

VALDE is a consulting company integrated by a network of senior collaborators with specialized profiles in innovation procurement (PPI and PCP) at European and National level, experience in European Projects and project management, and methodologies for co-creation. VALDE integrates the work of a network of specialized consultants in accordance to the needs of each project



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 965277

Figure 6. Second half of CRANE consortium tag at M2

4. **Open Market Consultation (OMC):** Initially, this tag had an explanation about the OMC purpose including space to include later stakeholders, matchmaking tool, questionnaire and activities.

 **Crane** [Home](#) [Concept](#) [Consortium](#) [Open Market Consultation](#) [Pre-commercial Procurements](#) [News and Events](#) [Results](#)

Open Market Consultation

Open Market Consultation (OMC) is the initial core activity where the consortium approaches the market to find out about the state of the art, needs and current development in a specific field.

CRANE aims to maximise the market outreach involving from early on players across the innovation ecosystem, IT and Healthcare industry, consultants in health care transformation, as well as social and local community players.





PURPOSE

- Encourage proactive communication with providers and stakeholders to engage them in CRANE model and PCP design
- Inform them about CRANE PCP opportunities and process
- Facilitate matchmaking, cross-fertilization and cooperation among these different operators.

STAKEHOLDERS

Technological companies

Healthcare industry

Open platform providers

Devices providers

Digital health providers

Data companies

SME's



EVENTS

Workshops

Bilateral meetings

QUESTIONNAIRE

MATCHMAKING



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 965277

Figure 7. Version of OMC tag at M2

5. **Pre-Commercial Procurements (PCP).** The first version of the website included a brief description of how the PCPs process works and space to incorporate the information to participate in the call and the info of the awardees once the process is over.

Pre-Commercial Procurements (PCP)

Pre-Commercial Procurements (PCP) is an approach where the public sector challenges industry to stimulate the development of innovative solutions tailored to its need.

To make the most of the PCP process, the consortium will focus on:

- drawn upon a breadth of cross-European expertise when developing the scope of the PCP.
- maximise dissemination of information regarding the Call at the end of Phase 0.
- create the opportunity for the greatest number of providers to respond to the call.
- maximise the promotion and uptake of the PCP process in both the buyers' group regions and the observer regions.
- provide three varied field test sites, covering rural and remote areas with a diversity of health and care systems in Spain, Sweden, and Norway.



CALL



WINNERS



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 965277

Figure 8. Version of the pre-commercial procurement tag at M2

2. Complete website

This landed version has been updated and further developed into a more evolved webpage released in M4. Although some functionalities and tags are hidden because they are meant to be ready for a more advanced stage of the project.

This public website will serve as the front face of CRANE and it has the following structure:

1. **Home Page:** It includes a brief project description with explicative figures of the main parts, the key activities and events planned hyperlink with its tag in the webpage, an updated version of the progress status figure. Contact information includes now social media links and live tweeters, a contact form and a Newsletter Subscription button.



Comprehensive Treatment of Chronic Patients in Rural Areas

CRANE is an H2020 PRE-COMMERCIAL PROCUREMENT European project that aims to develop an integrated self-care model to improve chronic patients' wellbeing.

[Know More](#)


Crane in brief



Goal

CRANE will exploit the potential of health-related data and procure the design of an all-in-one value-based service to create an integrated care model to improve chronic patient's wellbeing.

[Read more](#)


Consortium

Three buyer public health organizations supported by Four highly experienced expert entities will look after the success of CRANE during the project execution.

[Read more](#)


Main Dates

The kick-off of the project was the 1st of June 2021 and it will last until the 31st May 2025. The OMC is scheduled to start on March 2022 and to end by June 2022, and the call for tenders publication is expected on August 2022.

[Read more](#)


Pre-commercial Procurements

CRANE will launch its Call for Tenders in Summer 2022. In Phase 1 we will invite five bidders with 50,000€ budget each for the development of a feasibility study. In Phase 2 each of the three selected proposals from Phase 1 will get 500,000€ to develop a Prototype. Finally in Phase 3 two suppliers will be selected with 1,400€ for a Hold Testing.

[Read more](#)


OMC

Before launching our Call for Tenders, CRANE will get together with industry and stakeholders for ensuring that there is sufficient understanding of the needs of CRANE, that our approach is in scope of the industry capacities and that we manage to gather sufficient critical mass of bidders for delivering high quality results.

[Read more](#)


Beneficiaries

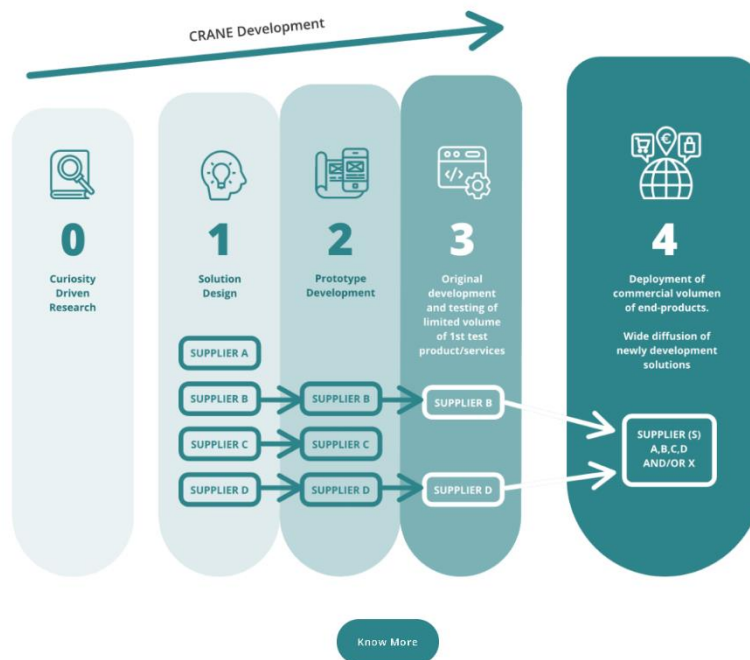
CRANE will make a direct impact on patients with chronic conditions or at risk of it, health and social care systems, local supply chains and industry. Chronic patients in rural areas will have access to self-care to improve their wellbeing, the health and social care systems will optimize their resources and increase their capacity. Local supply chains will have access to innovative production and the European industry will be able to boost its solutions and join forces with the difficult to access public sector.

Figure 9. First part of CRANE Home page

Concept-Building Blocks



PCP Process



Stay tuned

Key Dates
Kick off: 1st June 2021
OMC: March 2022 - June 2022
PCP call for tenders: August 2022

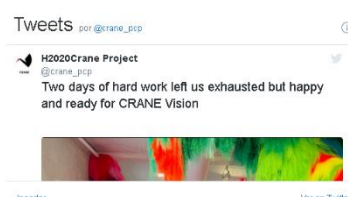


Figure 10. Second part CRANE home page

First Face to Face Consortium Meeting

Nov 5, 2021 | Sin categoría

The first Face to Face of CRANE consortium was held on the 25-26th of October in Copenhagen, DK. All partners got together and worked during two full intense and productive days.

Project has just been launched

Jun 15, 2021 | Sin categoría

Centre for Rural Medicine - Region of Västerbotten in Sweden leads H2020 CRANE, a major investment in a new system where citizens can share their health data between healthcare and social care providers. 2nd of June was the last off.

Join our newsletter

Don't miss out! Sign up for our email list

Suscribe

Project status

10%

PHASE 0: Stakeholder engagement and PCP preparation

0%

PHASE 1: Design and monitoring

0%

PHASE 2: Development

0%

PHASE 3: Validation in natural environment

PCP execution. PROTOTYPE evolution

Contact Us

Leave A Message

SEND

Follow Us

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 965277

Figure 11. Third part of CRANE homepage

CRANE

Page 19 of 29

GA nº 965277

2. **Concept:** It has now a detailed explanation about the project including graphs, objectives and expected payback.



[Home](#)
[Concept](#)
[Consortium](#)
[Open Market Consultation](#)
[Pre-commercial Procurements](#)
[News and Events](#)

Concept





Objectives

Design a flexible and personalized selfcare model to treat chronic patients at home

Enhance new business ecosystems

Validate the new selfcare model in rural areas

Pre-Commercial Procurement (PCP) is an approach where the public sector challenges industry to stimulate the development of innovative solutions tailored to its need. CRANE will use it to address the comprehensive treatment of chronic diseases in the rural areas.

What is the problem and why it is important?

Municipalities are vulnerable when more than 19.5 % of the population is + 65 years of age and cities in the industrialised part of the world are expected to pass this level in 20 years or less. This demographic challenge is expected to stress the healthcare systems and urges the need for self-care innovation. To anticipate this situation CRANE will address the problem of chronic patients in three rural areas-Region Vasterbotten in Sweden, Extremadura in Spain, and Agder in Norway-with more than 30% of the population over 65.

In some of our remote and rural municipalities, only 20% of chronic patients can be guaranteed full attention by social service and primary care entities. The remaining 70-80% need to be empowered to increase their self-control and self-management ability to protect their own health.

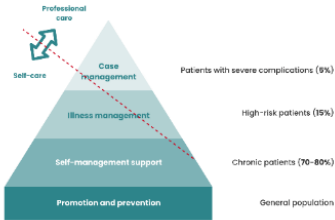
This presents us with the opportunity to use the participant rural areas, front runners in the demographic challenge as they are, as testing grounds to build sustainable solutions for healthcare and social care that can be exported to the rest of the world. Minimal viable system solutions that are transferable and scalable to larger city contexts.



What can we do?

GOAL

To move **80% of CHRONIC PATIENTS** to self-care. Although it doesn't mean they will be alone



CONFIRMED USE CASES

Selected patients groups per CRANE region to initiate CRANE model design

	Region Vasterbotten (SWE)	Extremadura Region (ESP)	Agder Region (NOR)
Respiratory disorders (e.g. COPD)	Yes	Yes	Yes
Cardiovascular Diseases (e.g. hypertension or heart failure)		Yes	Yes
Mental health disorders (e.g. anxiety disorders or insomnia)	Yes	Yes	Yes
Diabetes	Yes	Yes	Yes
Pain problems (General or specific)	Yes		

CRANE will help change citizens self-conception from being patients to become active citizens by evolving a model where chronic patients move to self-care supported by two pillars:

Healthcare from home: The adequate monitoring and intervention technology, supported by intelligent use of data to provide actionable interaction with patients, could dramatically reduce the need for professional healthcare.

Garden of care: To support self-care treatments is essential to have a strong ecosystem of health and social care providers around the patient to fulfil their multiple needs. The ecosystem will be tailored to each person requirements to improve control, safety, security, freedom and well-being awareness of citizens.

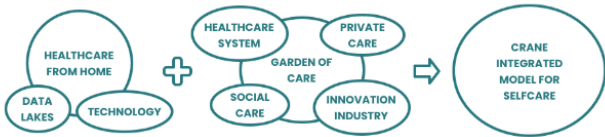
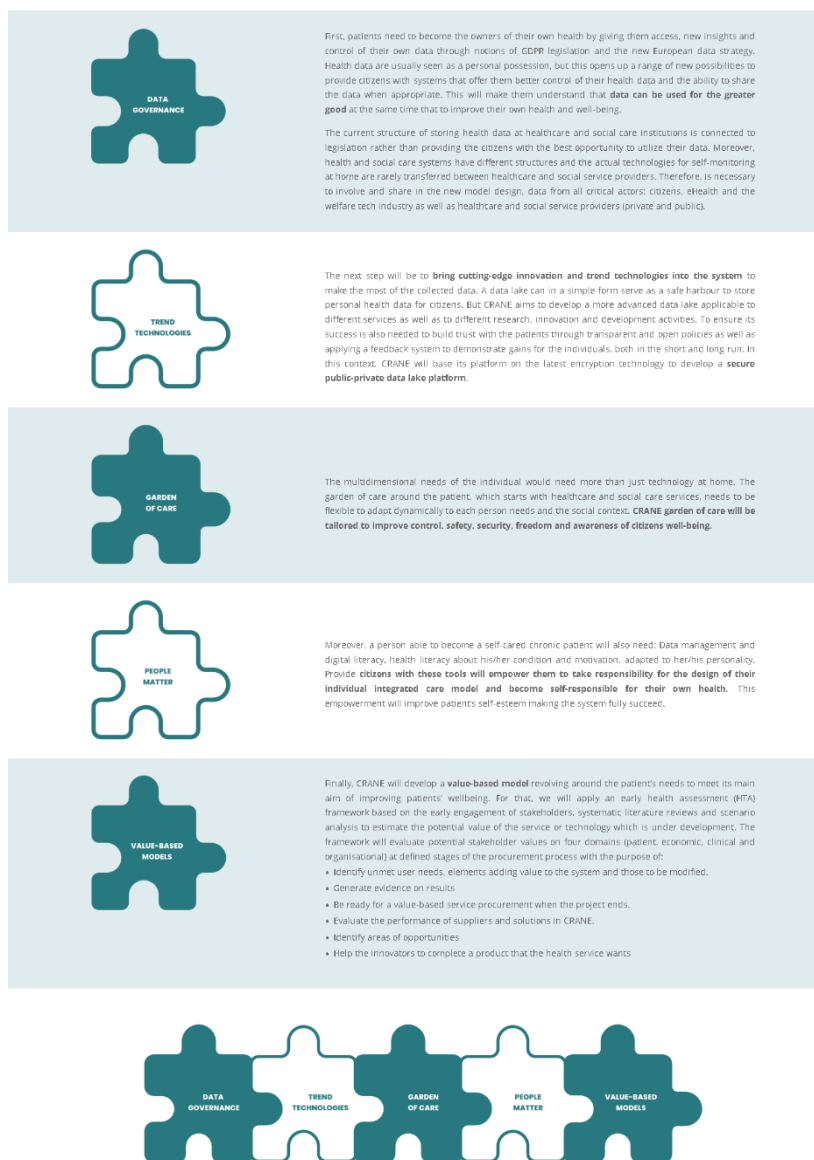


Figure 12. First part of CRANE concept tag

How can this be implemented?



Synopsis

Objectives

- + Benefit from data lakes and open platforms to build a flexible, dynamic and personalized self-care model to treat at least 80% of chronic patients at home
- + Enhance new business ecosystems based on ethical and transparent use of data and include local supply chain to design an all-in-one value-based service
- + Validate the self-care model in rural areas of distant cultures to provide a system transferable and scalable to larger cities anticipating the healthcare challenges arising from an ageing population

Payback

- + Improved life quality of people with complex chronic conditions
- + Delayed appearance of chronic conditions
- + Optimised use of health and care public resources
- + Lower need of hospitalization and emergency assistance
- + Reinforced social network and improved mental health of senior people
- + Enhanced local supply chains and European innovation business

Figure 13. Second part of CRANE concept tag

3. **Consortium:** The actual website has two maps (one with the regions and another one with the partners' location) and a short description of each partner with its role in the project its location and its website.


Home Concept **Consortium** Open Market Consultation Pre-commercial Procurements News and Events

Consortium



CRANE unites the efforts of 7 seven partners with multidisciplinary backgrounds from 4 European countries and three rural regions- Region Västerbotten in Sweden, Extremadura in Spain, and Agder in Norway-with high levels of people over 65 and a common and urgent need for health and care innovation.

We combined committed regions with explicit political support and knowledge partners with a solid background and expertise managing PCP projects.

Region Västerbotten



<https://www.regionvasterbotten.se/>

Role: Coordinator/buyer region
Country: Sweden

The Centre for Rural Medicine at Region Västerbotten has many years of experience in working with research and development regarding healthcare in rural areas, in both regional as well as national and international projects.

Region Västerbotten has two important tasks that need and depend on each other – health and medical care, as well as regional development. By gathering power and skill, we become stronger and can create better conditions for powerful, long-term, sustainable development. We can also create the best conditions for working in partnership with the municipalities. Additionally, the people of Västerbotten's influence over the county's development is strengthened by an organisation of directly elected politicians

This region will be in charge of all the project management and coordination tasks and will participate in all the procurement phases as buyer

Municipality of Kristiansand

Role: Buyer region
Country: Norway



<http://www.ehelseagder.no/>

The Municipality of Kristiansand represents the municipalities of Agder county in southern Norway, through the Regional Coordination Group for E-health Agder (RCG- PCG was established by the Council of Agder in January 2016, to take a leader in the use and implementation of telecare (welfare technology) in Norway. In Agder the municipalities and the hospitals have collaborated for several years, and have established the Agder Health Community. Agder has participated in testing, development of national recommendations and implementation as part of the national welfare technology program.

Regional Ministry of Health and Social Services at the Government of Extremadura



Role: Buyer region
Country: Spain

<http://www.juntaex.es/web>

The Extremaduran Regional Ministry of Health and Social Services is a public institution (Department of Health and Social Services at the Regional Government of Extremadura, Spain) that manages the services for Healthcare (SES: Regional Healthcare Systems, Elderly and Dependency care (SERPAD: Social Care System) and other public or private research centers, providing resources, staff and facilities to develop any biomedical research activity in Extremadura.

The institution has been acting as a perfect living lab for validation of different approaches and processes, providing also the end-users for solutions validation in the EU projects

In this project, this region will lead ethical surveillance and data protection management and will contribute to all the procurement phases as buyer.

Figure 14.First part of CRANE consortium tag

Centre for Connected Care

Role: **Research and innovation centre**

Country: **Norway**

The Centre for Connected Care emerged from Oslo University Hospital to accelerate the adoption of integrated patient centric services to create health value to municipalities, hospitals and companies and reduce health care costs. Center for Connected Care (C3) is a center for research-based innovation funded by the Research Council of Norway. The aim of the centre is to elaborate knowledge concerning new and innovative health services: hospital at home and remote follow-up. The focus of the centre is on designing good solutions, on procurement and on scaling. The activities will contribute to innovation and interdisciplinary research, providing insight into health and business policy areas. As a centre for research-based innovation, C3, has several years of experience in researching and evaluating new health services and technology.



<https://c3connectedcare.org/>

In this project C3 will lead: the value-based decision-making; the Evaluation framework and Impact assessment; and the PCP results, lessons learnt and guidelines of CRANE.

Eurob Creative



www.eurob.com

Role: **Supporting organization**

Country: **Spain**

EUROB CREATIVE is a highly specialized technology provider SME in the areas of Digital Health, Big Data and Blockchain that acts both as a technology provider and developer of products and services for healthcare and security. Relatedly, EUROB has over the years developed several in-house and for clients projects, related to customized platforms for data recovery and storage, with special attention to data protection (GDPR compliance) as well as data security (data encryption, anonymization) aspects. EUROB has solid experience in R&D projects, especially in European projects and programmes, as well as in initiatives and acceleration programmes for SMEs, entrepreneurs and Start-ups.

In CRANE, EUROB will be the coordinator of Communication, Dissemination and Exploitation and all its related tasks, as well as be in charge of the analysis of State-of-the-art and the Market engagement of the OMC.

PPCN

Role: **Supporting organization**

Country: **Denmark**

PPCN is a health and care tech consultancy company based in Copenhagen and Bangkok, that help Scale-ups develop their markets on new business development. Have vast industry and user experience in the healthy ageing tech market and key person behind have been a major actor on a European scale to promote the agenda of integrated care and active and healthy ageing through standardisation and policy initiatives, and by managing projects since 2007 in the field. Currently, PPCN is running market adoption projects of AI-based ageing tech, telehealth, HIS systems and advanced medical device remote patient monitoring for SMEs primarily in EU and outside (Israel).



<https://www.ppcn.xyz>

In CRANE, PPCN is the leader of Health and Care model design, and related task. Its role is leading the vision related with ICT intervention in the consortium.

Valde Innova



Role: **Supporting organization**

Country: **Spain**

VALDE is a consulting company integrated by a network of senior collaborators with specialized profiles in innovation procurement (PPI and PCP) at European and National level, experience in European Projects and project management, and methodologies for co-creation. VALDE integrates the work of a network of specialized consultants in accordance to the needs of each project.

VALDE will be in charge of the CRANE PCP preparation and all the related tasks.



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 965277

Figure 15. Second part of CRANE consortium tag

4. **Open Market Consultation (OMC):** The current version of the webpage includes a detailed explanation of the OMC procedure including goals, scope, stakeholders, activities planned and graphs. There is also a questionnaire to collect feedback from the market and a matchmaking tool to make it easier for stakeholders to find partners to present improved proposals.



[Home](#)
[Concept](#)
[Consortium](#)
[Open Market Consultation](#)
[Pre-commercial Procurements](#)
[News and Events](#)

OMC

Open Market Consultation (OMC) is the initial core activity where the consortium will approach the market to find out about the state of the art, needs and current development in a specific field. CRANE aims to maximise the market outreach involving from early on players across the innovation ecosystem, IT and Healthcare industry, consultants in health care transformation, as well as social and local community players.





Goals

- Encourage proactive communication with providers and stakeholders to engage them in CRANE model and PCP design
- Inform them about CRANE PCP opportunities and process
- Facilitate matchmaking, cross-fertilization and cooperation among these different operators



Stakeholders

- Technological Companies
- Healthcare industry
- Open Platform providers
- Device providers
- Digital health providers
- Data companies
- SME's

- Social care providers
- Chronic patient's associations
- Healthcare personnel
- Administrators
- Mental health associations
- Chronic patients



Scope

Providers

They will obtain information about the PCP and the procurers needs and priorities. They will also will get to know possible partners or competitors.

Procurers

They will focus their assumptions for the tenders call and make potential bidders aware. Besides they will obtain new insights into the market's appetite.

Figure 16. First part of the actual CRANE OMC tag



Figure 17. Second part CRANE OMC tag

5. **Pre-Commercial Procurements (PCP).** This tag in the actual version of the website includes a detailed explanation about how the PCPs process works with graphs. Prior to PCP kick off it will also include the information to participate in the call and the info of the awardees once the process is over.



Figure 18. First part of CRANE PCP tag

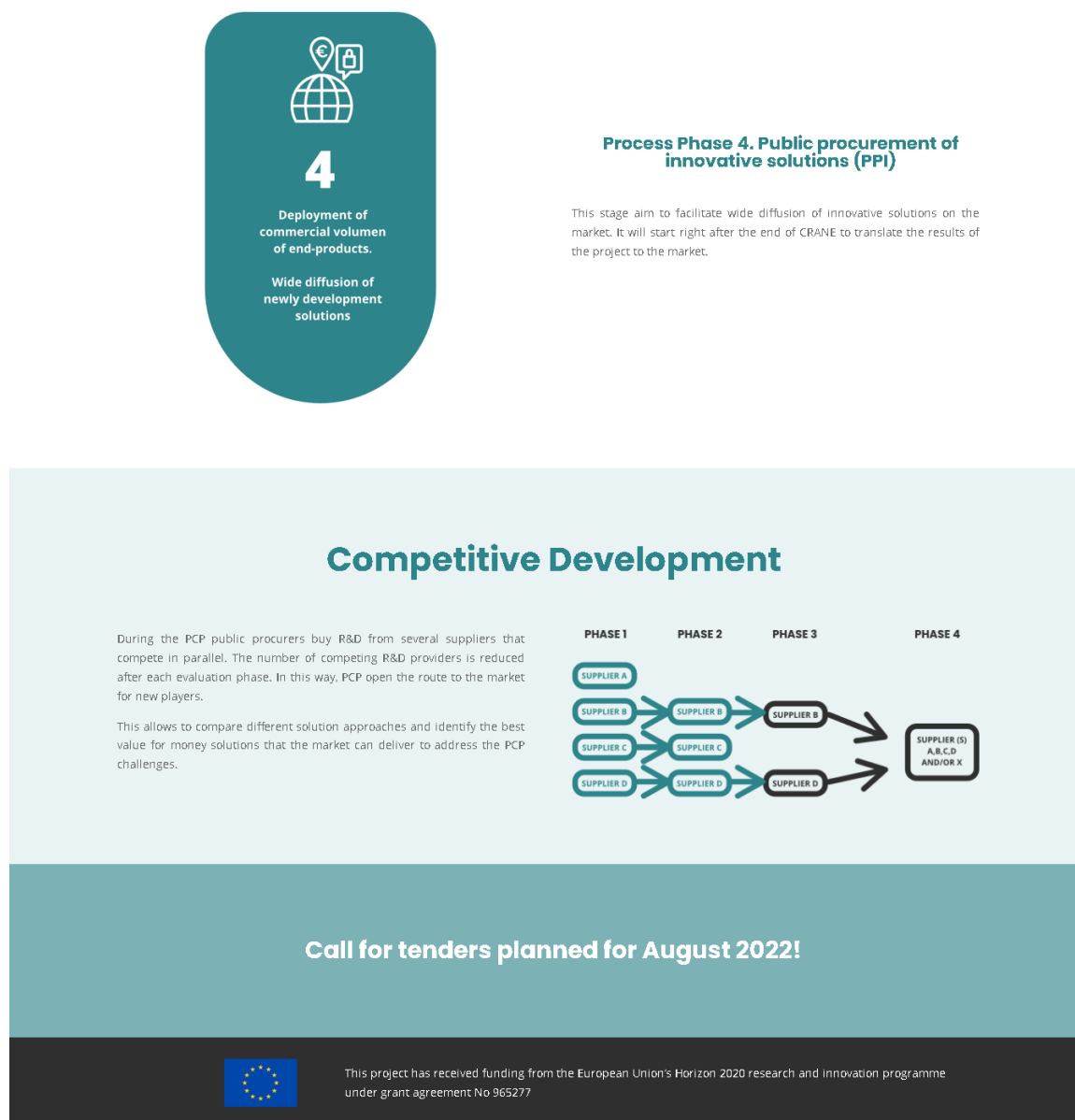


Figure 19. Second part of CRANE PCP tag

- News and events:** The actual version of the website has a panel including all the news, articles and events related to the project. It also has live tweets and a newsletter subscription button. It will include the link to the events registration if needed.

News and events

Key Dates

Key Dates

Kick off: 1st June 2021

OMC: March 2022 – June 2022

PCP call for tenders: August 2022

Tweets por @crane_pcp



First Face to Face Consortium Meeting

Nov 5, 2021 | [Sin categoría](#)

The first Face to Face of CRANE consortium was held on the 25-26th of October in Copenhagen, DK. All partners got together and worked during two full intense and productive days

Project has just been launched

Jun 15, 2021 | [Sin categoría](#)

Centre for Rural Medicine – Region of Västerbotten in Sweden leads H2020 CRANE, a major investment in a new system where citizens can share their health data between healthcare and social care providers 2nd of June was the kick off...

Join our newsletter

Don't miss out! Sign up for our email list

Suscribe



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 965277

Figure 20. CRANE news and events tag

- Results:** This tag is hidden but as soon as the project yield its first results it will contain a brief explanation of the public outcomes of the project including public deliverables, scientific articles, etc.



CRANE

Comprehensive treatment of chronic
patients in rural areas



REGIONAL
KOORDINERINGSGRUPPE
E-HELSE OG VELFERDSTEKNOLOGI
AGDER

JUNTA DE EXTREMADURA

Vicepresidencia Segunda y Consejería de
Sanidad y Servicios Sociales



PPCN
Making impact & change



EUROBcreative
Intelligence on the move



Centre for
Connected Care



VALDE INNOVA



Funded by
the European Union

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 965277