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4 September 2024; 14:00 – 16:00 CET | Online



Workshop “From Theory to Practice: Navigating Pre-Commercial Procurement in Horizon Europe”

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HNN3.0 (The Cluster 1 Health consortium of NCPs for Horizon Europe) has received funding from the European Union's Horizon EUROPE research and innovation programme under Grant Agreement number 101057279



Empowering patients by professional STress Avoidance and Recovery Services

Lorena Rossi



European
Commission

Horizon 2020
European Union funding
for Research & Innovation

Objective of the Stars project

Develop new personalised eHealth solutions to reduce stress in patients planned for surgery during the entire care process



Pre-clinical

I am so nervous.
Will everything be ok?
How long will I be in the
hospital?
Will I have pain?
When will I be operated?



Clinical

I am really stressed!
Will I be in safe hands?
Was the operation successful?
Is this pain normal?
I want to go home.

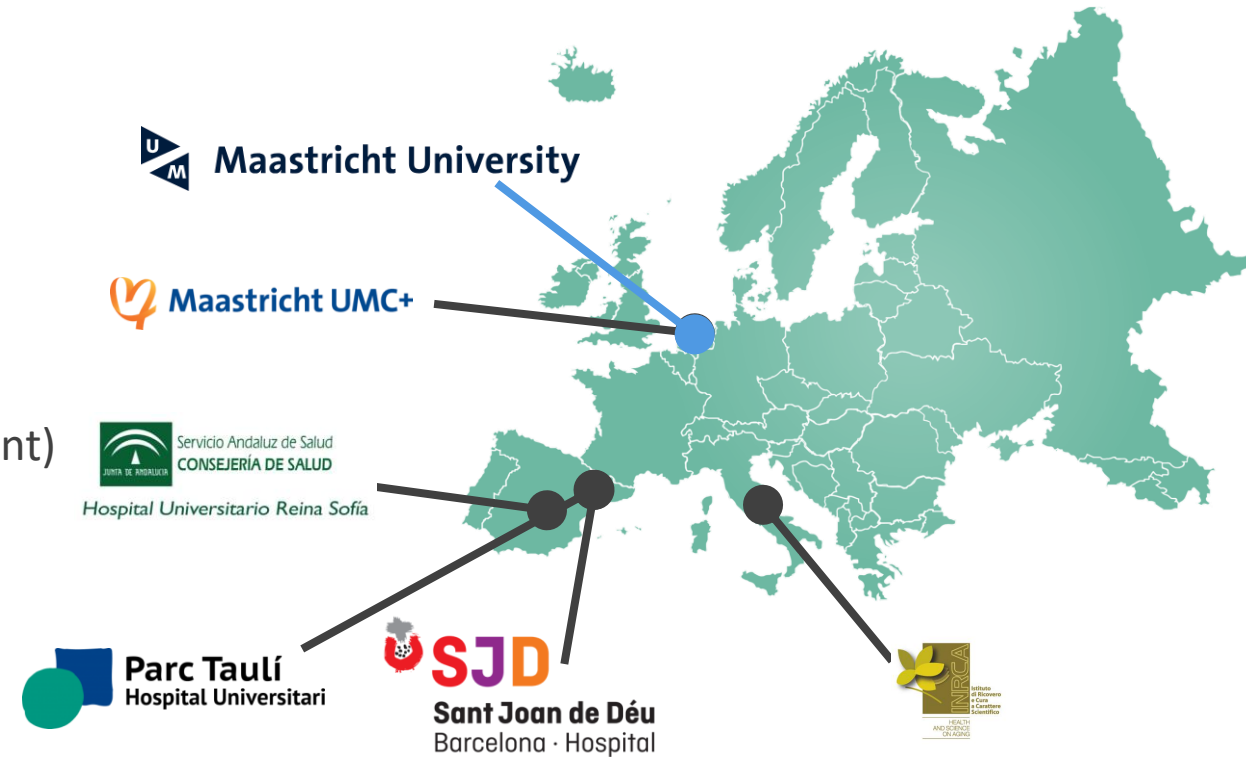


Post-clinical

May I follow my daily routine?
I can't do anything by myself.
When will I get well?

The Stars project in a Nushell

- Universiteit Maastricht (C)
- *Academisch Ziekenhuis Maastricht (P)*
- Agència de Qualitat i Avaluació Sanitàries de Catalunya
- *Hospital Sant Joan De Déu (P)*
- *Fundació Parc Taulí (P)*
- *Servicio Andaluz De Salud (P)*
- Bedin Sara (independent expert on innovation procurement)
- *Istituto Nazionale di Riposo e Cura per Anziani INRCA (P)*
- Zenit Zentrum für Innovation und Technik in NRW - GmbH
- Laurea-ammattikorkeakoulu Oy
- Ethniko Kai Kapodistriako Panepistimio Athinon



11 partners from 6 countries

5 buyers from 3 countries

A total of 3.26 million euro invested in the development of the solution

Original duration 4 years extended to 66 months from 01/01/2017 to 30/06/2022

A suspension bridge made of ropes and wooden planks spans a deep, dark canyon. The bridge is supported by wooden posts at each end. On the right side of the bridge, a line of people is visible, standing on the edge of the cliff. The canyon floor is filled with mist and distant mountains are visible in the background. The text "Bridging the gap between supply and demand" is overlaid in the center of the image.

**Bridging the gap
between supply and
demand**

Lesson learned 1 – PCP Topic

PCP Is focuses on the development of prototypes for future commercialization

- The topic of the procurement should been well defined , with clear boundaries and possible very focused
- Pay attention to external (not manageable) factor that can impact on result
 - ❖ Other potential interfering processes
 - ❖ Interoperability with other systems
 - ❖ Logistic aspect



Lesson learned 2 – Role of the participant

In PCP procurer and suppliers work together but non collaborate (competition among different suppliers)

- the PCP partner should focus on the problem not on the solution

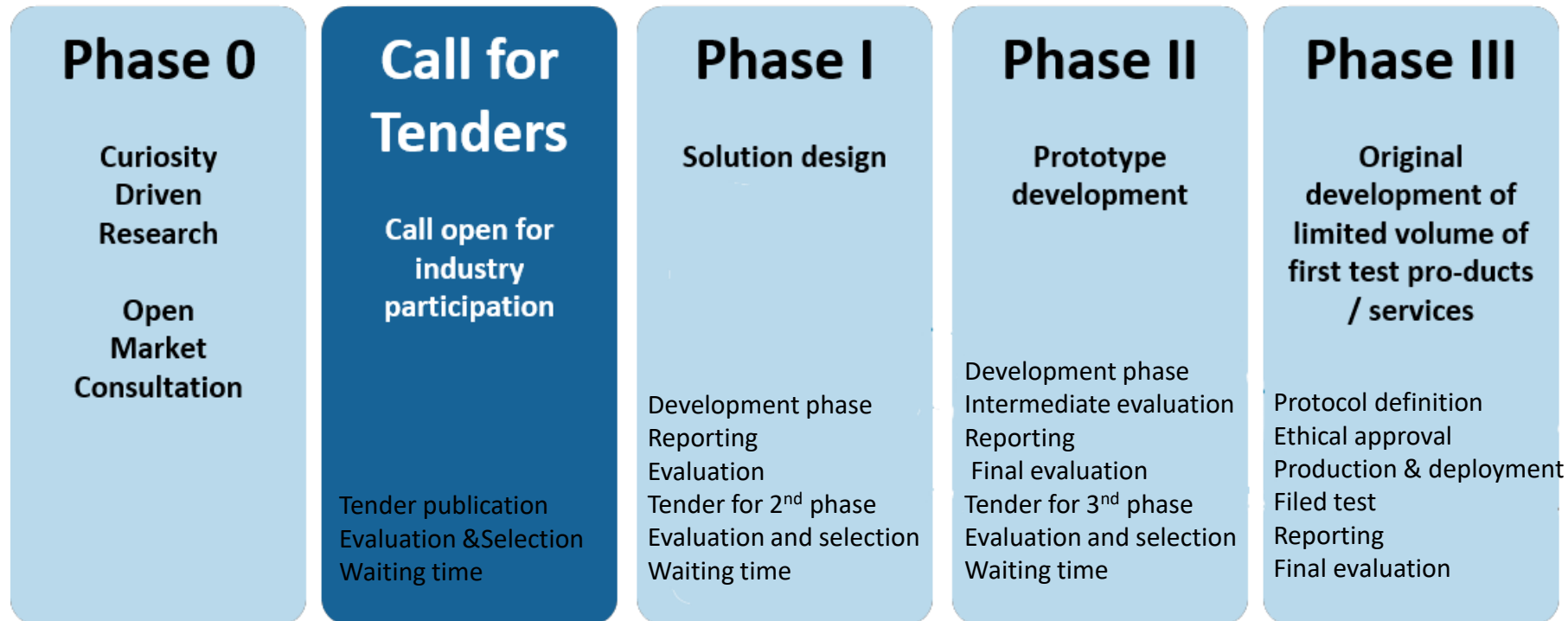


Lesson learned 3 – Project organization

Time is a critical resource

PCP phase are mainly regulated by law->Time delay are difficult to recover

Take necessary time for validation phase



Lesson learned 4 – Test phase

Digital health solution represent complex health interventions that are

- under fixed regulation
 - ❖ MDR
 - ❖ GDPR and cybersecurity issues
 - ❖ Ethical approval
- resources (time, money, effort) consuming

Consider this aspects in planning



Overall assessment of the experience



Would you do it
again?

Marco Dellabella (chief urological surgeon):

Faced with a complex and innovative challenge and limited time, deploy all available resources and establish a rapid response team.

(the Stars trial has been done in 1° semester 2022 still under Covid restriction)



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Thanks for the attention