
Annex 1

Open Call text

OPEN CALL 2

Application submission starts on:

15 September 2022, 00:00 CET

Submission deadline:

15 November 2022, 17:00 CET

www.hosmartai.eu



1 Open Call #2 – EXPERIMENT Call for Pilots

1.1 Objectives

HosmartAI organises its Open Call #2 to fund the development and implementation of highly innovative and challenging AI pilots, which will become the HosmartAI flagship portfolio of success stories, enlarging the value and outreach of the HosmartAI ecosystem, model, and technologies.

This call will finance pilots made of small consortia of 2–3 partners representing at least **Technology providers/integrators**: emphasis on the AI and robotics Startups/SMEs (*innovators*), and **Technology adopters**: healthcare facilities (*end users*).

Optionally a consortium is welcomed to engage a research centre and/or academia, and or another SME/Start-up taking a role of a *competence centre* collaborating in the strategically important area(s) between the innovation and health care industry. The selection of each consortium partner must be justified.

The expected result will be 4 innovative pilots by European SMEs/Startups, demonstrating the value and benefits of HosmartAI technologies in different health care environments/entities across Europe.

1.2 Main characteristics

Item	Characteristic
Application timeframe	from the 15th of September 2022, 00:00 CET to the 15th of November 2022, 17:00 CET
Target group	<ol style="list-style-type: none"> Technology providers/integrators (mandatory): Companies, in particular startups/SMEs that can offer a novel technology to be validated in a realistic healthcare relevant environment. Technology adopters (mandatory): End-users with a specific need that falls into at least one of the focus areas: healthcare digitalization, advanced robotics, AI, data, and cybersecurity can validate the experimental pilot. This provides a chance for the end-users and system integrators alike to modernize their processes via new technologies for smart healthcare facilities. Competence centres (optional): research centres, academia, and other SME/Startup supporting the integration of the experimental pilot in the healthcare industry.
Activities to be funded	Design > Develop & Deploy & Operate > Assess new pilots adopting HosmartAI platform to ensure a fast pace, quality of deployment and measurable impact. See table1 for details.
Duration of activities	12 months
Funding	Up to €145 000 per applying consortium. The total grant requested will represent up to 100% of the total costs of the submitted project. Checking the consistency between these costs and the expected work of the project will be part of the evaluation process.
How the funding will be made?	<p>The selected 4 consortia will be paid against delivering activities submitted in Annex 3.1 Description of Work.</p> <p>Each project will develop an implementation plan including milestones and deliverables, and a cost estimate justifying the costs and resources in relation to the implementation plan. The total requested budget will be divided and paid through lump sum in the 3 stages: Design (30%), Develop, Deploy, Operate (50%), and Assess (20%). The payments will be made according to a staged payment arrangement based on the successful completion of specified milestones, deliverables, and reviews after each phase.</p>

1.3 Topic

The HosmartAI is welcoming applications to the following topic: **AI/robotics pilot for smart healthcare centre.**

Table 1: Specifications of the Open Call 2 topic – EXPERIMENT Call for Pilots.

Item	Description
TRL – minimum entry level to apply	≥ TRL 4
TRL – minimum end level	≥ TRL 6 with the involvement of the healthcare facilities.
HosmartAI technology requirements	Each applying consortium must use one or more parts/components of the HosmartAI platform in its pilot design. Which parts and how they will be used needs to be explained by the applying consortium. Technical description of the HosmartAI platform is publicly available at the project's website: Report titled D1.6 "HosmartAI platform conceptual architecture – final version" is accessible here . Report titled D4.1 "Platform Architecture Design and Open APIs - First version" is available here . Other public deliverables of interest can be found here . The applying consortium is required to get familiar with the documents.
Security requirements	Each applying consortium must ensure compatibility with the HosmartAI platform's security. As linked above, details about the platform are presented in the public deliverable D1.6 .
Gender requirements	An applying consortium must address sex and gender design, and analysis. The analysis of epidemiological and socio-economic data of each funded pilot will play an important role for the interpretation of the data as well as for the correct design of the HosmartAI platform and its technologies. Therefore, gender bias, gender dimension and sex aspects must be studied and included in the design of the technology's pilots. A pilot methodology must ensure a balanced sampling of human participants as part of the services design, considering gender and diversity by balancing involved workers in terms of sex, age, culture and social factors like education, occupation, and residence.
Required KPIs	The OC#2 (all funded projects) must in total meet the following KPIs: <ul style="list-style-type: none"> • 200 patients • 50 healthcare professionals Therefore, HosmartAI is expecting each of the applying projects to involve in its pilot design minimum of <ul style="list-style-type: none"> • 50* patients • 12/13* healthcare professional (*) Lower numbers are allowed, however, the applicant must be aware that this criterion can be considered in the final selection prioritising the projects meeting the required KPIs.
Ethics requirements	An applying consortium must ensure that all the ethical requirements for its pilot are obtained before the implementation without causing any constraints in the actual programme or it must guarantee by signing in the subgrantee agreement a declaration that all the ethical requirements will be obtained timely during the programme without causing any delays.
Potential Impact and Exploitation plan	Each consortium must provide a description of the potential impact and exploitation plans of its pilot. Impact: <ul style="list-style-type: none"> • What will change and how much with the piloting solution you are targeting? • What are the longer-term goals and how this first successful proof-of-concept will lead there? • What are the Key Performance Indicators you use to measure your project's success?

	<ul style="list-style-type: none"> ● Is the business case realistic and sufficiently elaborated? ● Does the project fit within the roadmap of the companies involved? <p>Exploitation plans:</p> <ul style="list-style-type: none"> ● What are the main exploitable results you expect to achieve with this pilot? ● How will you exploit the results. ● What are the means you will use to publish and market your achievements? ● When do you expect the commercialization to start?
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1.4 Timeline

Submission to the HosmartAI Open Call #2 - EXPERIMENT will be enabled on the **15th of September 2022, 00:00 CEST** and will end on the **15th of November 2022 at 17:00 CET**. Below are presented the current tentative dates for the different phases. The dates can be subject to change in case of any modifications in the project's schedule.



Figure 1: HosmartAI Open Call 2 – EXPERIMENT Call for Pilots timeline.

2 Additional information

2.1 Open Call supported materials

1. Required during the application process:
 - **Annex 1: Open Call text**, this document;
 - **Annex 2: Guidelines for Applicants**, detailing all steps involved, requirements and eligibility criteria.
 - **Annex 3: Application form**, an online form, temporarily available at the F6S platform <https://www.f6s.com/hosmartai-open-call-2-for-pilots/apply>
 - **Annex 3.1: Proposal template**, a mandatory word document for applicants to prepare and submit a proposal.
 - **Annex 4: Consortium Declaration of Honour**, which declares that all conditions related to the HosmartAI Open Call #2 – EXPERIMENT Call for Pilots are accepted by an applying consortium.
 - **Annex 5: SME Declaration**, which evaluates the status of each SME participating in the applying consortium. It is not required for SMEs with a valid PIC number.
 - **Frequently Asked Questions & answers** published at the [HosmartAI website](#).
2. If your proposal is successful, then the following documents will be asked for.

- **Annex 6: Bank account information**, which collects information on the consortium coordinator's bank account to which the HosmartAI payments will be sent.
- **Annex 7: Sub-grant Agreement Template**, which provides a template of the sub-grant agreement that the successful consortium will be requested to sign.

2.2 Contacts

The HosmartAI Consortium will provide information to the applicants via the F6S Online Q&A, so that the information (question and answer), will be visible to all participants.

- F6S Online Q&A: <https://www.f6s.com/hosmartai-open-call-2-for-pilots/discuss>
- Apply via: <https://www.f6s.com/hosmartai-open-call-2-for-pilots/apply>
- F6S support team: support@f6s.com
- More info at: <https://www.hosmartai.eu/>
- For extraordinary communication need, please contact the Help Desk: opencalls@hosmartai.eu

Good luck!

