

- Combining hospital interventional approaches to improve patient outcomes and increase hospital efficiency

IHI call 3 – topic 3

15.12.2022


Before we start...

Recording

- We are recording this session. The **recording & slides will be published** on the IHI website and B2Match platform.

Questions

- Please use the **'Join the discussion' function** at the bottom right of the screen to ask questions.



Combining hospital interventional approaches to improve patient outcomes and increase hospital efficiency

IHI call 3 – topic 3

Today's webinar

Will cover:

- Introduction to IHI programme
- IHI Call Topic:
 - Challenge, need for public-private collaborative research
 - Scope, outcomes & impacts, budget
- Proposal preparation tips, matchmaking & participant pitches

Will not cover rules & procedures or budgets

- These webinars are on the IHI website
 - www.ihl.europa.eu/news-events/events/ihl-call-days-call-3

Innovative Health Initiative

Public private partnership between:

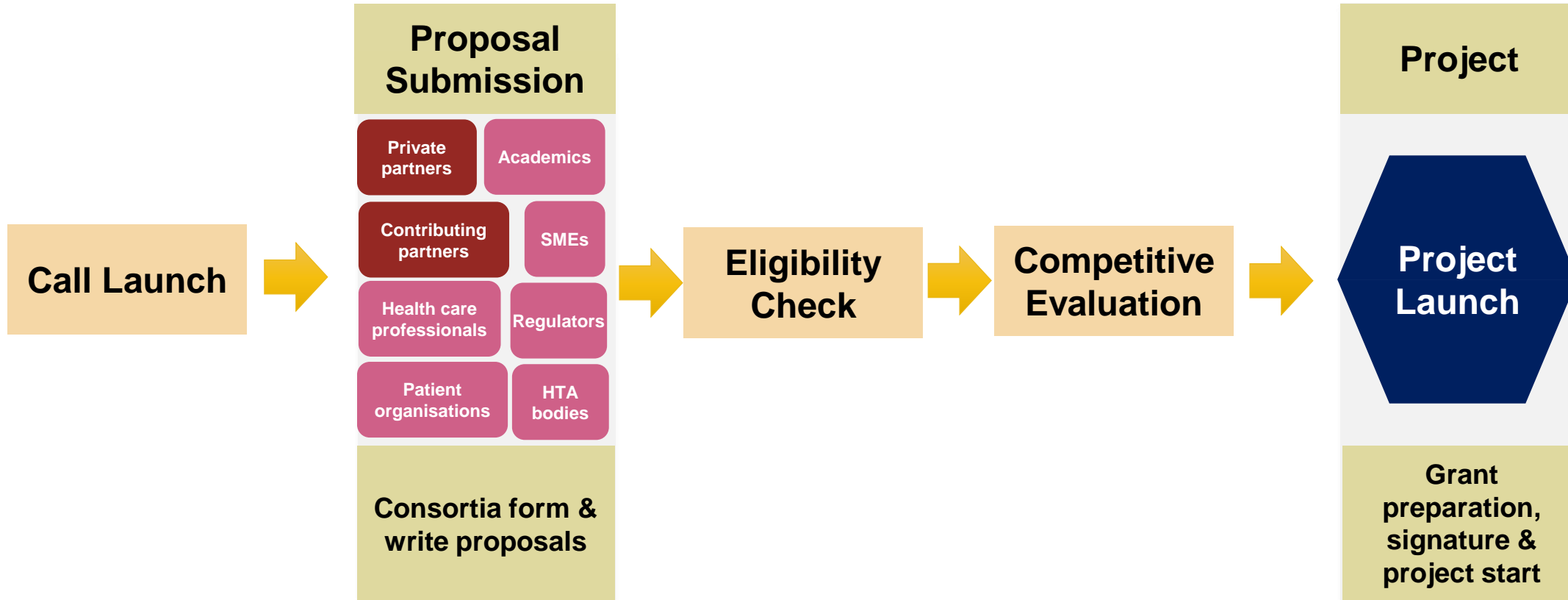
- the **European Union** represented by the European Commission
- &
- **Healthcare industry associations:**
 - **COCIR** (medical imaging, radiotherapy, health ICT and electromedical industries)
 - **EFPIA**, including **Vaccines Europe** (pharmaceutical and vaccine industries)
 - **EuropaBio** (biotechnology industry)
 - **MedTech Europe** (medical technology industry)


IHI's General objectives

Through **cross sectoral, pre-competitive** collaboration:

- Turn health research and innovation into **real benefits for patients and society**
- Deliver health innovations that **cover the entire spectrum of care** particularly in **areas where there is an unmet public health need**
- Make Europe's health industries **globally competitive.**

How IHI works: Single-stage procedure





Combining hospital interventional approaches to improve patient outcomes and increase hospital efficiency



The challenge

- Patients undergoing procedures in hospital typically require **recovery and rehabilitation** to get back to normal life.
- Many **new treatment approaches** have been developed which could **speed up this recovery time**.
- However, these are **not being optimally combined** to provide the best patient care.

Need for public-private, cross-sector collaboration

- To achieve the transformation outlined above, a broad cross-sectoral collaboration is needed including:
 - Patients
 - Healthcare professionals
 - Academic researchers
 - Health economists
 - Hospital management
 - Public procurers
 - Technology developers and vendors

Scope of the topic (1/2)

- Demonstrate how **existing hospital interventions**, treatment approaches and technologies can be **optimally combined**
 - Access and integrate clinical data routinely generated using existing technologies during the patient journey
- **Train and clinically validate explainable AI algorithms** to support the development of training programmes, procedure planning, clinical decision support systems.

Scope of the topic (2/2)

- Demonstrate how **combinations** of tools, technologies, and therapeutic approaches can be **harnessed to improve patient care**.
 - Implement tools to confirm successful treatment & and monitor treatment response
- Develop & implement new methodologies to **demonstrate the value** of combining innovative interventional approaches.
- Allocate appropriate resources to **explore synergies** with other relevant initiatives

Expected outcomes

- Improved evidence on hospital treatment combinations
- Improved clinical decision support systems
- Evidence on cost-effective treatment combinations to help increase hospital efficiency.

Expected impacts

- Improve patient outcomes of hospital care and faster patient recovery
- Implementation of cross-sectoral innovations, integrated products and services in hospital settings
- Increased efficacy of treatment.
- Facilitating future research and innovation, including advanced analytics/artificial intelligence

Dissemination, exploitation & communication

- **Reserve budget** for effective communication
- Consider an early **business plan**
- In particular:
 - Encourage the uptake of the results of the project through a strong **communication and outreach plan**, including the publication of a gap assessment in order to guide future research in this field.


Budget & Duration

BUDGET

- Total of **EUR 30 million public funding available** for this topic
 - Expect to fund projects requesting EUR 8-10 million public funding each.
- At least **45% of the total budget** of each project must be covered by **contributions provided by IHI Private members & Contributing partners**

DURATION

- Applicants should **propose a project duration** such that it matches project activities and expected outcomes and impacts



Proposal Submission & Evaluation



Proposal Template: Parts A, B & Annexes

- **Part A** is administrative & researcher data that is entered in webforms.
- **Part B** is the **narrative part** that includes three sections:
 - Excellence
 - Impact
 - Quality and efficiency of the implementation
- **Read instructions** in proposal template **very carefully**
- **Annexes:**
 - Participant type
 - Budget details
 - Clinical studies template
 - Coordinator declaration

Evaluation Criteria (1/2)

● Excellence

- **Clarity and pertinence of the project's objectives, and the extent to which the proposed work is ambitious, and goes beyond the state of the art.**
- Soundness of the proposed methodology, including the underlying concepts, models, assumptions, interdisciplinary approaches, appropriate consideration of the gender dimension in research and innovation content, and the quality of open science practices, including sharing and management of research outputs and engagement of citizens, civil society and end users where appropriate.

● Impact

- Credibility of the pathways to achieve the expected outcomes and impacts specified in the work programme, and the likely scale and significance of the contributions due to the project.
- Suitability and quality of the measures to maximise expected outcomes and impacts, as set out in the dissemination and exploitation plan, including communication activities.

Evaluation Criteria (2/2)

- **Quality and efficiency of the implementation**
 - Quality and effectiveness of the work plan, assessment of risks, and appropriateness of the effort assigned to work packages, and the resources overall
 - Capacity and role of each participant, and extent to which the consortium as a whole brings together the necessary expertise.



- Tips for applicants

Tips for applicants

- Read all the call-relevant material, especially the **topic text**
 - www.ihl.europa.eu/apply-funding/open-calls
- Form your consortium **early**
 - Always think “public-private partnership”
 - Include partners bringing **in-kind contributions**
- Ensure you provide **all information requested in the call text and proposal template**
- Consider & plan for the potential **regulatory impact** of results



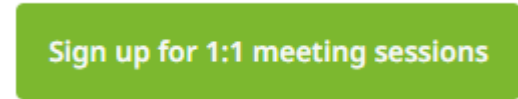
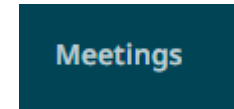
Finding project partners

- Arrange a meeting with **IHI Call Days participants**
- Use EU Funding & Tenders portal **partner search tool**:
 - <https://europa.eu/!QU87Nx>
- Get in touch with your **IHI national contact point**:
 - <https://europa.eu/!D7jyMy>
- Network on **IHI social media**

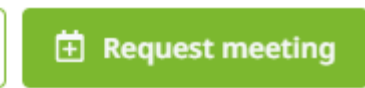
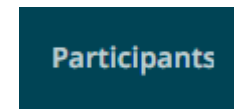
Matchmaking: Meet via B2Match

Book your meetings

1. Make yourself available using **meetings tab**



2. Find/meet partners on the **participants tab**



3. Enter meeting details, add a message.

4. **Send the request**

Step by Step guide

<https://europa.eu/!fnJFFM>

Pitching Session

Today 15th December 2022, 12:30 – 13:30 CET

Join via the B2Match platform: <https://ihi-call-days.ihi.b2match.io/>

Presentation title	Organisation
Improvement of patient outcomes in interventional cardiology	University Medical Center Frankfurt
The right combination of smart CDSS during all the stages of the patient pathway	EDWARDS LIFESCIENCES
Combining cellular therapy with cardiac surgery - improved recovery and life-expectancy	EpiHeart
Breaking down barriers to interoperability	Glucoset
Automated analysis and processing of EHRs	Datlowe
	Philips

Key points

Finding consortium partners

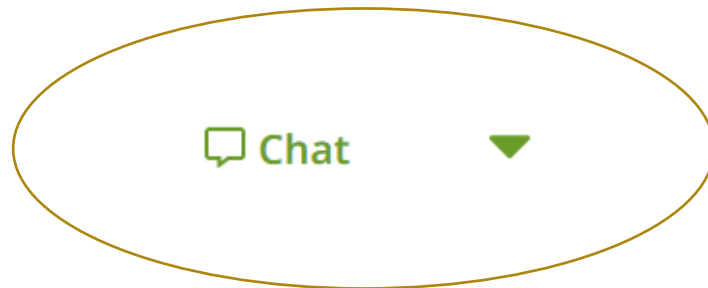
- Be proactive
- Identify partners **bringing in-kind contributions**
- **Start working now!**

Proposals

- **Read the call text** very carefully
- Follow all the guidance in the **proposal template**
- Reserve dedicated **funding for communication & sustainability**

Questions time

If you want to ask a question please use the chat function on the right corner of your screen





Thank you for your attention

ihi.europa.eu





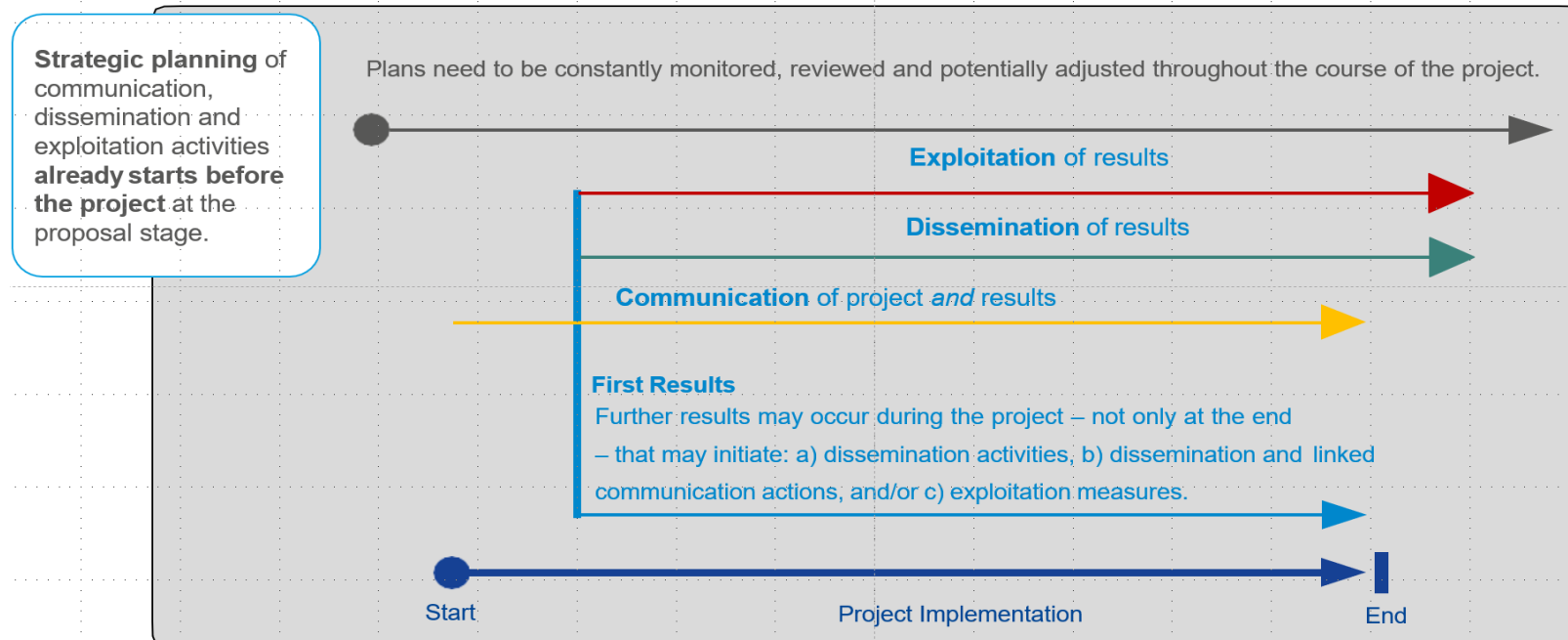
- Additional Slides

Simplified example budget

Participant type	Total costs	Requested IHI funding	In-kind contributions (IKOP, IKAA, FCs)
'Public' partners (Universities, hospitals, SMEs, patient orgs, regulators.....)	7.5 million	7.5 million	0
Private member 1	7.5 million	0	7.5 million
Private member 2 'hybrid'	5 million	2.5 million	2.5 million
Total	20 million	10 million (50%)	10 million (50%)

Dissemination, exploitation & communication

- Importance to communicate and disseminate results throughout the full lifespan of the project
- Plan Dissemination & Exploitation measures to maximise the impact
- Plan communication measures for promoting the project and its findings
- Short description of the Dissemination, Exploitation & Communication (D, E & C) activities, together with the impact pathways in the proposal. This is an admissibility condition.
- Full-fledged D, E & C plan to be submitted as a deliverable after the first 6 months of the project.



Dissemination, exploitation & communication

SPECIFIC NEEDS

What are the specific needs that triggered this project?

Example 1

Health solutions need to be better tailored to patients' needs. Novel approaches are needed to capture patients' needs and to involve them in the development a novel health technology.

EXPECTED RESULTS

What do you expect to generate by the end of the project?

Example 1

Patient-centric clinical development: Patients perspectives included in design of studies.

Patients' perspective incorporated into the evidence generated for decision making.

D & E & C MEASURES

What dissemination, exploitation and communication measures will you apply to the results?

Example 1

Exploitation: Approach to include patients' perspectives is adopted by industry in their novel health technologies development programmes.

Dissemination towards the scientific community and industry: Scientific publication of the results of the demonstration pilot

Communication towards citizens: An event in a shopping mall to show how the outcomes of the action are relevant to our everyday lives.

TARGET GROUPS

Who will use or further up-take the results of the project? Who will benefit from the results of the project?

Example 1

Healthcare industry companies: pharmaceutical (including vaccine), biopharmaceutical, medical (and digital) technologies, etc.

Scientific community (clinical research investigations, and testing activities of health solutions)

End-user of the novel health technology: patients and citizens

OUTCOMES

What change do you expect to see after successful dissemination and exploitation of project results to the target group(s)?

Example 1

Healthcare industry partners: novel health technologies adapted to patients' needs.

Use of the scientific results published (measured through the bibliometric indicators of the project publication).

IMPACTS

What are the expected wider scientific, economic and societal effects of the project contributing to the expected impacts outlined in the topic text?

Example 1

Scientific: New approach to patient engagement in the development of novel health technologies tailored to the patients needs.

Economic/Technological: Health solutions designed with the patients in mind will facilitate the adoption of the health technology by the market / healthcare system

Societal: Patients will benefit from truly patient-centric health technologies (designed from the start based on their needs)