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SETTING UP A HARMONIZED METHODOLOGY TO PROMOTE UPTAKE OF EARLY FEASIBILITY STUDIES FOR CLINICAL AND INNOVATION EXCELLENCE IN THE EUROPEAN UNION: WHAT VALUE(S)?

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ISPOR Europe | 14 November, 2023 | Copenhagen



**Co-funded by
the European Union**

This project is supported by the Innovative Health Initiative Joint Undertaking (IHI JU) under grant agreement No 101112185. The JU receives support from the European Union's Horizon Europe research and innovation programme, COCIR, EFPIA, EuropaBio, MedTech Europe, Vaccines Europe, and Edwards Lifesciences, Medtronic, Abbott, Johnson & Johnson, Philips Medical, and WL Gore.

- *Funded by the European Union, the private members, and those contributing partners of the IHI JU. Views and opinions expressed are however those of the author only and do not necessarily reflect those of the aforementioned parties. Neither of the aforementioned parties can be held responsible for them.*

Investigational Device Exemptions (IDEs) for Early Feasibility Medical Device Clinical Studies, Including Certain First in Human (FIH) Studies

Guidance for Industry and Food and Drug Administration Staff

Document issued on: October 1, 2013

The draft of this document was issued on November 10, 2011.

For questions regarding this document, contact CDRH's Andrew Farb, 301-796-6343, Andrew.Farb@fda.hhs.gov or Dorothy Abel, 301-796-6366, Dorothy.Abel@fda.hhs.gov, or CBER's Office of Communication, Outreach and Development at 1-800-835-4709 or 301-827-1800.

U.S. Department of Health and Human Services
Food and Drug Administration
Center for Devices and Radiological Health
Center for Biologics Evaluation and Research

WHAT?

A limited clinical investigation of a device early in development.

WHEN?

Typically before the device design has been finalized, for a specific indication (e.g. innovative device for a new or established intended use, marketed device for a novel clinical application).

WHY?

It can be used to evaluate the device design concept with respect to initial clinical safety and device clinical performance or effectiveness (if appropriate) as per intended use in a small number of subjects when this information cannot practically be provided through additional nonclinical assessments or appropriate nonclinical tests are unavailable. Information obtained from an early feasibility clinical investigation can guide device modifications. An early feasibility clinical investigation does not necessarily involve the first clinical use of a device.

- **Feasible** in the EU

- **ISO 14155**: 2020 Clinical investigation of medical devices for human subjects — good clinical practice.

Table I.1 — Synopsis of clinical development stages (terminology can vary across geographies)

Regulatory status	Pre-market		Post-market	
Clinical development stage	Pilot stage (I.3.2)	Pivotal stage (I.3.3)	Post-market stage (I.3.4)	
Type of design	Exploratory or confirmatory (I.4.2)	Confirmatory (I.4.3)		Observational (I.4.4)
Descriptors of clinical investigations	First in human clinical investigation (I.5.2) Early feasibility clinical investigation (I.5.3) Traditional feasibility clinical investigation (I.5.4)	Pivotal clinical investigation (I.5.5)	Post-market clinical investigation (I.2.3)	Registry ^a (I.5.6) Post-market clinical investigation ^a (I.2.3)
Burden to subject	Interventional (I.6.2)		Non-interventional (I.6.3)	

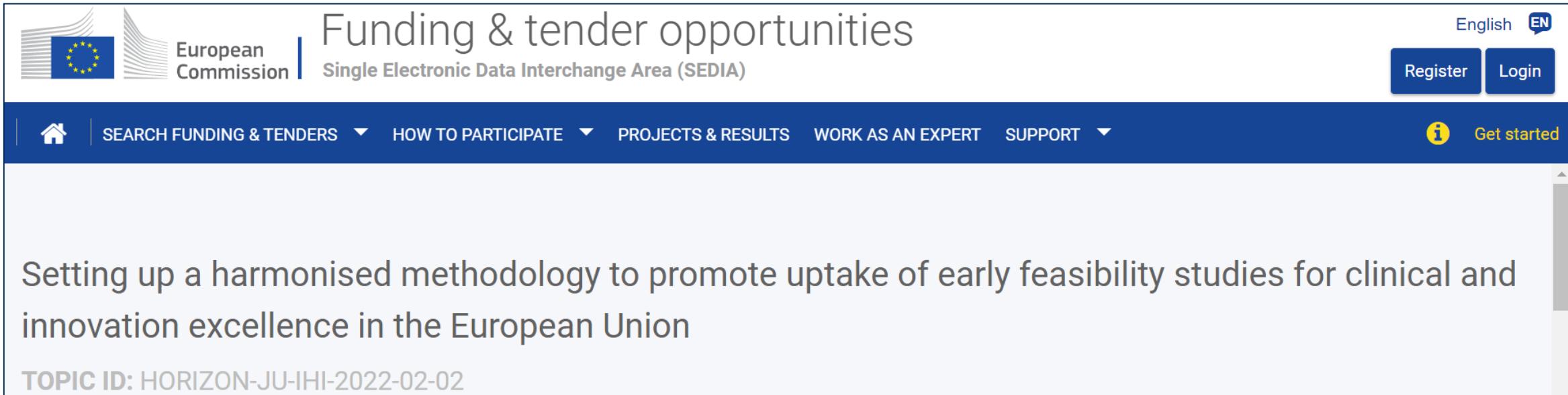
^a Registry data may be used for pre-market regulatory purposes (see I.5.6), this can also apply to the post-market clinical investigation data.

- **MDR 2017/745 and HTAR 2021/2282** early dialogue and life cycle approach for clinical evidence generation.
- **MDCG 2021-6**, Q&A regarding clinical investigation.

- **Beneficial** to patients, clinical sites & trialists, technological innovation developers.
- **But no standardized procedural framework**, guidelines or common reference standards to conduct EFS in the EU.



The EU is at risk of **losing competitiveness and attractiveness** for innovation and investments.



The screenshot shows the European Commission's funding opportunities website. At the top, the European Commission logo and the text "Funding & tender opportunities" and "Single Electronic Data Interchange Area (SEDIA)" are visible. On the right, there are buttons for "English" (with a "EN" flag), "Register", and "Login". Below this, a navigation bar includes "SEARCH FUNDING & TENDERS", "HOW TO PARTICIPATE", "PROJECTS & RESULTS", "WORK AS AN EXPERT", "SUPPORT", and a "Get started" button. The main content area features a large text box with the following text: "Setting up a harmonised methodology to promote uptake of early feasibility studies for clinical and innovation excellence in the European Union". Below this text is the "TOPIC ID: HORIZON-JU-IHI-2022-02-02".

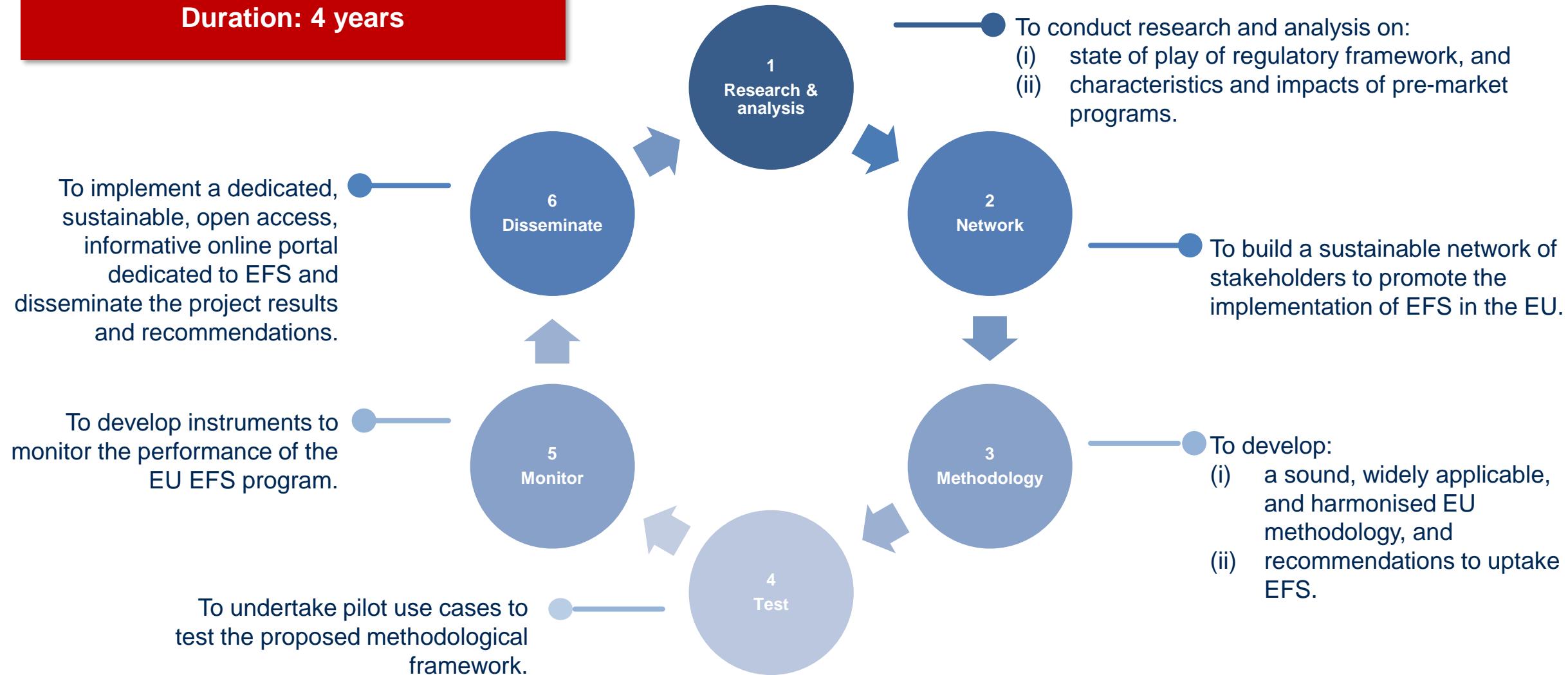


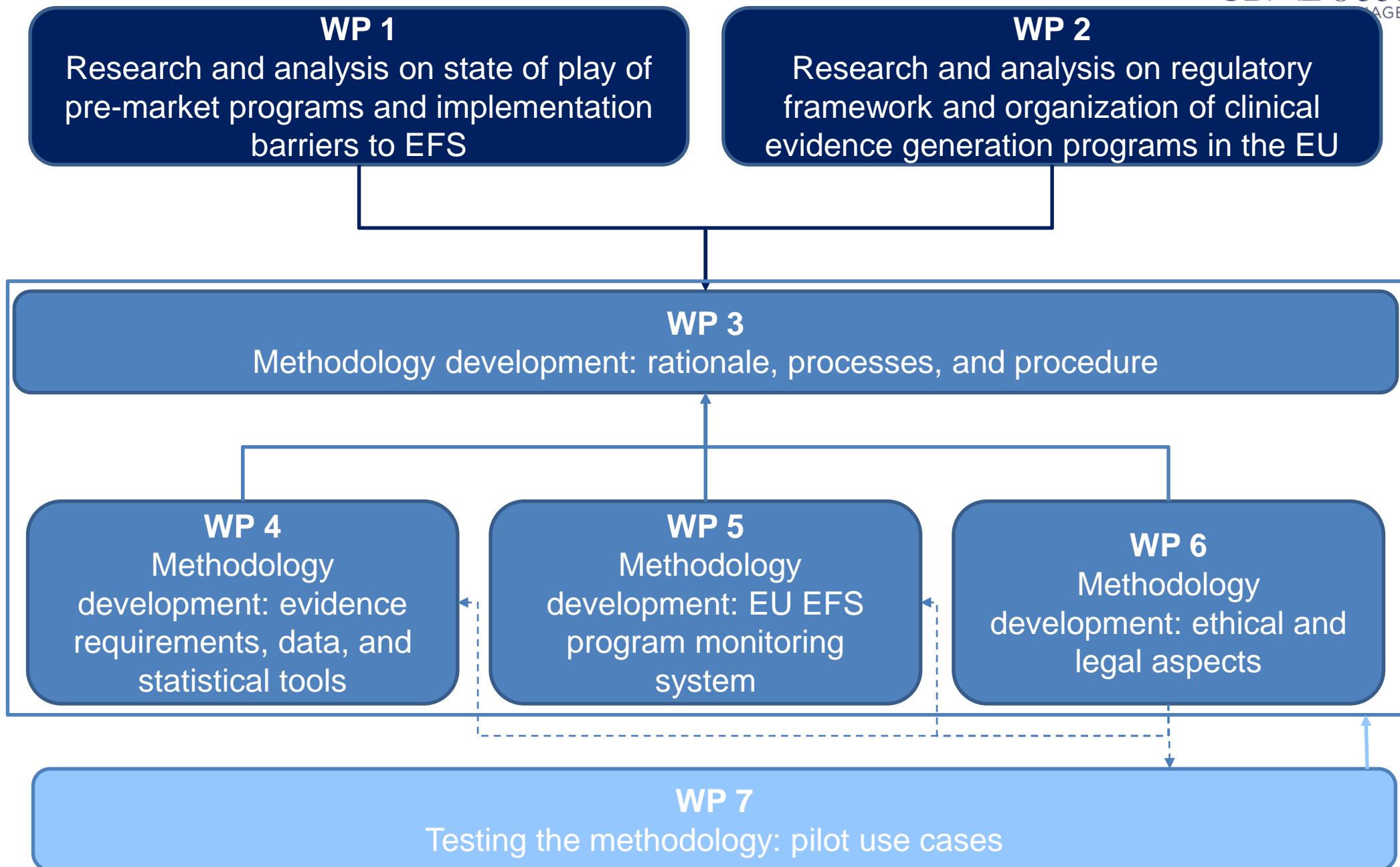
Awarded to

**HARMONISED APPROACH TO EARLY FEASIBILITY STUDIES FOR
MEDICAL DEVICES IN THE EUROPEAN UNION (HEU-EFS)**

OBJECTIVES OF HEU-EFS PROJECT

Start date: 1 October, 2023
Duration: 4 years





Partners from 13 countries worldwide:

- 9 EU (BE, CZ, DE, DK, ES, FR, IE, IT, NL)
- 1 EEA (NO).
- 3 non-EU (UK, CH, US).



External AB: competent authorities, notified bodies, professional associations, networks, MedtechEurope, independent experts.

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Setting up a Harmonized Methodology to Promote Uptake of Early Feasibility Studies for Clinical and Innovation Excellence in the European Union: What Value(s)?



Copenhagen, Denmark



14 November 2023, 13:45-14:45



Session 230



Moderator



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THANK YOU!

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