



HORIZON-HLTH-2026-01-CARE-03

PROPOSAL FOR PARTNERSHIP

FORENSIGHT EQUITY

Data-driven Identification of Health Inequalities
Using Forensic and Clinical Data

Horizon Europe • 36 Months • €3–5M Budget • March 2026

OPEN FOR COORDINATION

AGENDA

What We'll Cover Today

A focused overview of FORENSIGHT-EQUITY for prospective consortium partners

01 The Problem — Europe's Hidden Health Gap

02 Our Solution — Forensic-Clinical Integration

03 Innovation — What Makes This Different

04 Objectives & Impact — Four Research Pillars

05 Methodology — Integrated Data Architecture

06 Consortium, Budget & Next Steps

THE PROBLEM

A Systemic Blind Spot in European Healthcare

Systems Only Capture the Treated

Current health systems systematically record patients who receive care — but miss entirely those who never reach a clinic.

Vulnerable Populations Remain Invisible

Migrants, homeless populations, and socioeconomically marginalized groups face compounded barriers — and their outcomes are rarely tracked.

Late Diagnosis = Preventable Death

By the time illness reaches forensic documentation, the opportunity for intervention has already been lost — patterns go undetected.

40%

of preventable deaths occur outside clinical settings in Europe

4+

EU countries with data gaps

0

systematic forensic-clinical studies

THE SOLUTION

FORENSIGHT-EQUITY: Bridging the Evidence Gap

By integrating **forensic mortality data** with **clinical records** and **socio-economic datasets**, we surface the hidden patterns of systemic health inequality.



Forensic Data

Mortality records, autopsy findings, cause-of-death patterns



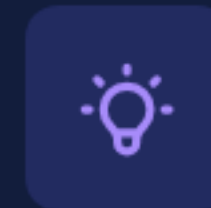
Clinical Records

Hospital data, diagnoses, treatment pathways across EU countries



Socio-economic + GIS

Geographic, economic, and demographic context mapping



AI Risk Mapping

Machine learning models for late diagnosis detection and risk scoring

Result: Actionable insights for policymakers on where and why patients are lost in the system

What Makes FORENSIGHT-EQUITY Different

01

First Systematic Forensic Use

No prior EU research has systematically integrated forensic death records with healthcare access data to identify inequality patterns at scale.

Novel data source unlocked

02

Multi-Source Data Integration

Clinical + forensic + socio-economic + GIS data fused into a single coherent analytical model — for the first time in European health research.

03

AI-Driven Risk Mapping

Machine learning algorithms detect late diagnosis signatures and map high-risk geographies, enabling targeted policy response.

04

Pan-European Coverage

Minimum 4-country comparative study, enabling transferability of findings across diverse EU health system contexts.

05

Policy-Ready Outputs

Evidence-based recommendations designed for direct uptake by European health policy institutions and national agencies.

Four Pillars of the Research Programme

1 Integrated Data Model

Develop a forensic-clinical data integration framework to detect late diagnosis cases and identify missed patient populations across Europe.

2 Multi-Country Mapping

Map health inequalities across at least 4 European countries using AI-driven geospatial analysis and comparative epidemiological methods.

3 Systemic Gap Identification

Identify structural barriers to healthcare access — institutional, geographic, financial, and cultural — affecting underserved populations.

4 Policy Recommendations

Deliver evidence-based, actionable policy frameworks co-designed with stakeholders for adoption at national and European levels.

EXPECTED IMPACT

Transforming Evidence into Equity



Improved Visibility

Underserved populations brought into the healthcare data picture for the first time



Earlier Detection

Model-based risk scoring enables proactive outreach before conditions become critical

ULTIMATE GOAL

Reduce Preventable Mortality

Across Europe's most vulnerable and underserved communities



Data-Driven Policy

Policy recommendations grounded in real mortality and clinical data — not assumptions



Pan-European Contribution

Scalable framework for replication across all EU member states

Integrated Data Architecture

INPUT STREAMS

Forensic Records

Clinical Databases

Socio-economic Data

GIS & Geospatial

INTEGRATION LAYER

GDPR-compliant linkage

Pseudonymisation protocols

Harmonised taxonomy

Cross-border federation

AI ANALYSIS

Late diagnosis detection

Risk scoring models

Pattern recognition

Geospatial inequality maps

OUTPUTS

Inequality heat maps

Risk population reports

Policy briefs

Open dataset

All data flows governed by a dedicated **Ethics & Data Governance Board** with GDPR Article 9 compliance for sensitive health data across all participating countries

WHY NOW?

The Window Is Open

Horizon Europe's 2026 Health Call creates a unique funding opportunity aligned precisely with FORENSIGHT-EQUITY's scope and ambition.

The combination of GDPR-compliant data infrastructures now in place across the EU, advances in federated AI, and growing political urgency around health equity makes this the right moment to act.

01 Policy Momentum

EU4Health and European Health Data Space create political and structural foundations for this work

02 Data Infrastructure Maturity

National forensic and clinical registers are now sufficiently digitalised for federated linkage studies

03 AI Readiness

Explainable AI tools now robust enough for health equity applications and regulatory compliance

04 Post-Pandemic Urgency

COVID-19 exposed catastrophic gaps in health equity tracking — political will to fix this has never been higher

Seeking Strategic Partners



Public Health & Epidemiology

Research institutions & universities



Forensic Medicine

Institutes with mortality record access



Hospitals & Healthcare Providers

Clinical data access & pathway analysis



AI & Data Analytics

ML modelling & data integration partners



NGOs & Policy Organisations

Stakeholder engagement & dissemination

Our Role in the Consortium

We are open to assuming **project coordination** or key partner roles. Our particular strengths lie in:

Policy WP

Co-design and translation of recommendations

Dissemination WP

European reach across academic and policy channels

Data Strategy WP

GDPR-compliant multi-source data architecture

We bring a strong track record in health research, European project management, and stakeholder engagement — and are committed to building a consortium that reflects the breadth and depth this challenge demands.

Duration, Budget & Call Alignment

36

Months

Project duration from kick-off to final reporting

Phase Structure

M1–12: Data integration & model development

M13–24: Multi-country analysis & validation

M25–36: Policy design & dissemination

€3–5M

Total Budget

Horizon Europe standard allocation for multi-country research projects

4+

EU countries

5+

partner types

CALL REFERENCE

HORIZON-HLTH-2026-01-CARE-03

Horizon Europe Health Cluster — addressing health inequalities through integrated research and innovation

Eligibility

Open to public research institutions, hospitals, private entities, and NGOs from EU Member States and associated countries

Join the Consortium: How to Engage

1

Expression of Interest

Share your organisation's profile, relevant expertise, and interest in participating — coordination or WP lead roles welcome

2

Partnership Discussion

Bilateral calls to define each partner's role, workpackage contributions, and data access arrangements

3

Consortium Agreement

Formalise partnership terms, intellectual property, and data governance framework ahead of submission

4

Proposal Submission

Collaborative proposal writing and submission to HORIZON-HLTH-2026-01-CARE-03

Key Milestones

Partner EoI Deadline	May 2026
Consortium Finalised	July 2026
Proposal Submission	Sept 2026
Anticipated Start	Q1 2027

We Are Looking For

Partners who bring complementary expertise, existing data access agreements, and a genuine commitment to reducing health inequalities through evidence-based action.

FORENSIGHT-EQUITY

Let's Build the Evidence for Health Equity Together

HORIZON-HLTH-2026-01-CARE-03 presents a rare window to generate the evidence Europe needs to address hidden health inequalities — before more preventable deaths go uncounted.

€3–5M

Budget Range

36 Mo

Project Duration

4+ EU

Countries Covered

Open for Coordination & Key Partner Roles • Horizon Europe 2026 • March 2026