



InteropEHRate

EHR in people's hands across Europe



EXPLOITATION OPPORTUNITIES

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Sotiris Athanassopoulos (BYTE)

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MARKET ANALYSIS

The Market Analysis verifies the **need** and **proper timing** for InteropEHRate's offering, from several perspectives:

Need

Citizens are willing to access and share their data, provided FAIR principles and proper governance.

Healthcare Organizations and Solution Providers are investing in open API standards for data exchange among stakeholders.

Competition

For alternatives solutions to provide the same functionality on all scenarios, a substantial integration effort is required. Even so, the Research scenario could not be served.

EHR state of play

Significant deviations between Member States, on: Citizen-centred governance, legislation, electronic identification, semantic & technical interoperability

Cross-border HIE

Efforts towards:

1. New MyHealth@EU services with a uniform interoperable data-sharing format framework
2. European Digital Identity Wallet

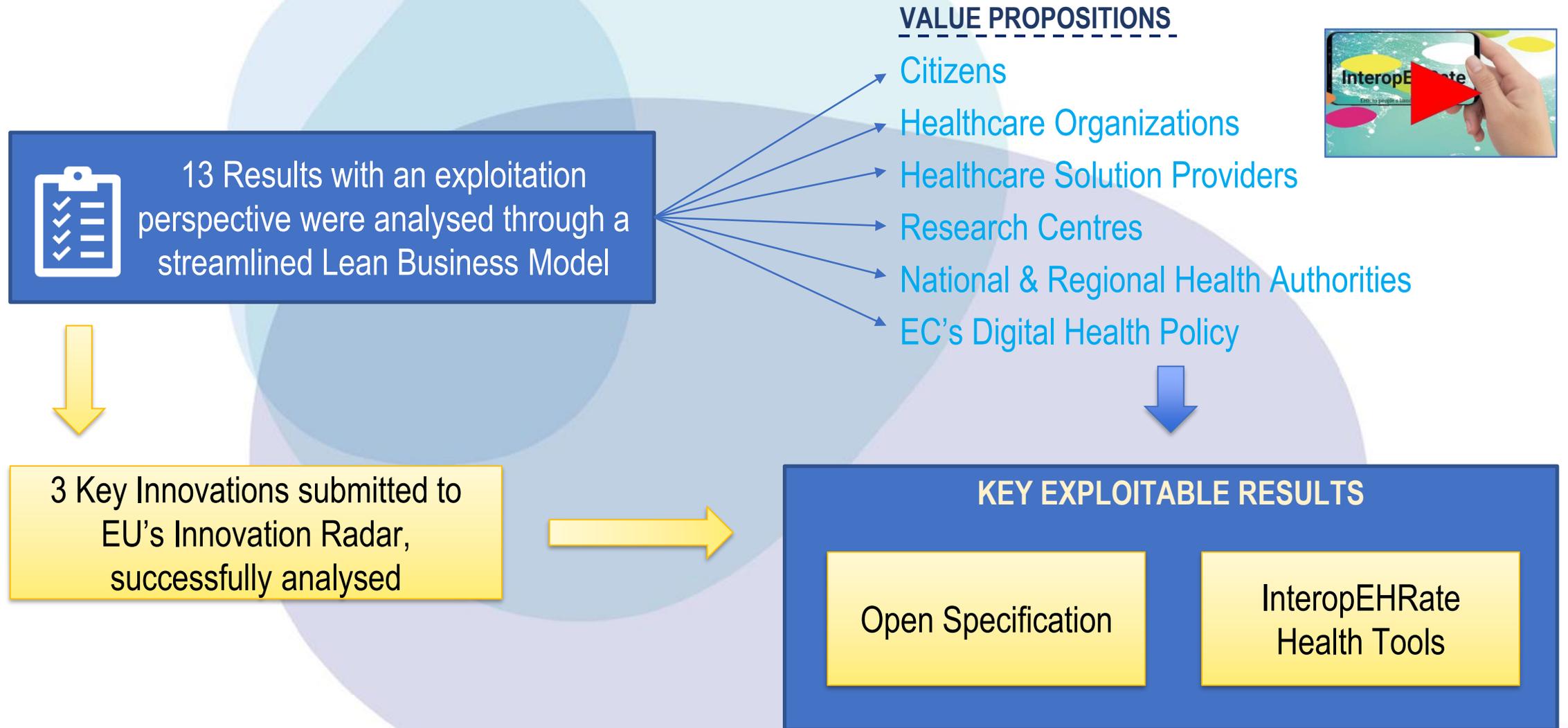


Regulatory

The InteropEHRate specifications are in alignment with the provisions set by the proposal for a regulation of the EHDS.



VALUE PROPOSITION & KEY EXPLOITABLE RESULTS



*We did exploit the Horizon Results Booster Services
(Service 1 – Module C)*



OPEN SPECIFICATION - SWOT ANALYSIS (simplified)

<p>STRENGTHS</p> <ul style="list-style-type: none">• The open specification addresses a broad range of use cases, while requiring minimum integration effort*.• Its value proposition impacts all stakeholders involved in EHR transactions and is in alignment with the EC's digital health policy.	<p>Weaknesses</p> <p>The consortium must relatively quickly:</p> <ul style="list-style-type: none">• liaise with all relevant bodies/initiatives for the promotion of the open specification,• achieve a sufficient number of early implementations and identify additional interoperability requirements
<p>Opportunities</p> <ul style="list-style-type: none">• Market analysis verifies the need and proper timing for the value proposition of the open specification.• Proposed activities towards a European Digital Identity Wallet, may open the way, if exploited promptly.	<p>Threats</p> <ul style="list-style-type: none">• The extension of eHDSI services eventually favours data exchange only through National Contact Points for eHealth.

(*) *Provided the data are properly mapped*



INTEROPERABLE HEALTH TOOLS - SWOT ANALYSIS (simplified)

<p>STRENGTHS</p> <ul style="list-style-type: none">• The methodology/tools combination greatly reduces the complexity and duration of human involvement in properly transforming data into standard “interoperable” representations	<p>Weaknesses</p> <ul style="list-style-type: none">• UNITN, as an academic partner, must seek and properly negotiate with an industrial player, to further develop the tools and develop a go-to-market strategy.
<p>Opportunities</p> <ul style="list-style-type: none">• Competition solutions still lack the presence of an end-to-end methodology.	<p>Threats</p> <ul style="list-style-type: none">• Time is needed to add missing features, such as high-performance information extraction on specific document types, which may be provided by competitors.



PLANNED ACTIONS

MoU to be signed with a comprehensive set of actions

- X-eHealth
- GAIA-X
- TEHDAS
- Hospitals on FHIR
- Smart4Health
- PathED

Training & Documentation

- Online courses
- Training workshops and webinars
- MOOCs for nurses and healthcare professionals

Community building

- Collaborate with relevant projects/initiatives/private companies
- Reach out to National/Regional Health authorities

Implementation

- Agreements among vendors of mobile apps and EHRs
- Integrations from Healthcare Organizations

Standardization

- HL7 EU – RDD protocol/profiles
- CEN TC 251 Health Informatics
- FHIR4FAIR FHIR IG

Governance & SEIA

- InteropEHRate Governance model
- Socio Economic Impact Assessment

Development

- Define new interoperability requirements
- Release a suite of interoperability test cases as open source



Thank you!

Q&A time.

