InteropEHRate

EHR in people's hands across Europe

INTEROPEHRATE SCENARIOS AND DATA FLOWS

MID-TERM PUBLIC WORKSHOP

20 OCTOBER 2020

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 826106

AGENDA

10:00 – 10:05	**Welcome and Introduction** Workshop Facilitators: Tino Marti, Stephan Schug, EHTEL
10:05 – 10:15	**Health data sharing in Europe – strategies and implementation** Dr Ceri Thompson, Deputy Head of Unit H3 - eHealth, Well-Being and Ageing, DG CONNECT, European Commission
10:15 – 10:25	**Overview of InteropEHRate** Matteo Melideo, InteropEHRate Project Coordinator, Engineering, Italy
10:25 – 10:45	**Access to patient data at the point of care - LIVE DEMO** Vincent Keunen (Andaman7, Liège, Belgium), Adrian Bradu (SIMAVI, Romania)
10:45 – 11:00	**Decentralised data sharing for research** Stefano Dalmiani, Fondazione Toscana Gabriele Monasterio, Italy
11:00 – 11:15	**Access to patient data in emergency situations** George Petrescu, SCUBA - Clinical Emergency Hospital of Bucharest, Romania
11:15 – 11:25	**Synopsis: key features and added value of the InteropEHRate approach** Francesco Torelli, InteropEHRate Technical coordinator, Engineering, Italy
11:25 – 11:55	**Panel: Stakeholders' feedback on InteropEHRate approach and impact** Facilitator: Stephan Schug, EHTEL Panellists: Eva Turk (University of Oslo), Asija Delalic (NHS England), Sara Roda (CPME), Andrea Belardinelli (Tuscany Region Government), Ceri Thompson (European Commission)
11:55 – 12:00	**Closing and invitation for Mid-term workshop part 2 (21 October)** Tino Marti, Stephan Schug, EHTEL

OVERVIEW OF INTEROPEHRATE

Matteo Melideo

InteropEHRate Project Coordinator, Engineering, Italy

INTEROPEHRATE INFORMATION

The InteropEHRate project is funded by the **European Commission** and is implemented by a unique consortium of experienced institutions and qualified experts among **healthcare solution providers**, **hospitals**, **universities and research centres** as well as **European and local stakeholder associations**.

- *Title:* *Interoperable EHRs at user edge*
- *Acronym:* *InteropEHRate*
- *Instrument:* *Horizon 2020*
- *Type:* *Research and Innovation action*
- *Grant Agreement Number:* *826106*
- *Start date:* *1st Jan. 2019*
- *End date:* *30th June 2022*
- *Duration:* *42 months*
- *Budget:* *€7,192,592.50*
- *Coordinator:* *Engineering Ingegneria Informatica SpA*

16 Partners

- Engineering - Ingegneria Informatica S.p.A. (Italy)
- A7 Software (Belgium)
- EHTEL - European Health Telematics Association (Belgium)
- DTCA Hygeia – Diagnostic and Therapeutic Centre of Athens (Greece)
- University of Trento (Italy)
- University of Vienna (Austria)
- EFN - European Federation of Nurses Associations (Belgium)
- FTGM - Toscana Gabriele Monasterio per la Ricerca Medica e di Sanità Pubblica (Italy)
- CHU de Liège - Centre Hospitalier Universitaire de Liège (Belgium)
- UBITECH Limited (Cyprus)
- UPRC - University of Piraeus Research Center (Greece)
- SCUBA - «Bagdasar-Arseni» Clinical Emergency Hospital of Bucharest (Romania)
- SIVECO Romania S.A. (Romania)
- Fraunhofer ISST - Institute for Software and Systems Engineering (Germany)
- ISA - Iatrikos Syllogos Athinon (Greece)
- Byte Computer S.A. (Greece)

INTEROPEHRATE VALUE PROPOSITION

Empower the citizens and ease the European data sharing among healthcare stakeholders in compliance with the GDPR.

Break the barriers:

- lack of data exchange among healthcare organisations;
- lack of semantic and syntactic interoperability;
- lack of involvement of the citizens/patients;
- lack of data exchange among citizens and healthcare organisations;

Enable a new interoperability-based economy

PROJECT AIMS

To support people's health providing them with new ways to make health data available whenever and wherever needed

- *Not necessarily depending on internet connection and/or cloud storage and will make them always in full control of their health data*
- *Enabling always data transfer via highly secure channels including a direct device-to-device (D2D) communication (i.e. proximity protocols).*
- *Developing open interchange protocols to support patient-centred exchange of health data between patients, healthcare actors and researchers.*

InteropEHRate will then intend to contribute to the next steps in the follow-up of the February 2019 recommendation "European Electronic Health Record exchange format (C(2019) 800)" helping to pave the way towards an open EHR exchange format and process.

VISION

Our key goal is to **complement** and **integrate** the current interoperability infrastructures with new technologies for health **data exchange centred on the person**, based on a bottom-up approach that does not require the coordination by a superior authority and that leaves **more control of health data to the people**.

INTEROPEHRATE MAIN RESULTS

- **Open specifications** regarding interoperability protocols (i.e. D2D, R2D);
- **Conformance levels** defining the constraints and guidelines that S-EHRs and cloud storage must fulfil;
- **FHIR profile** for EHR interoperability;

  Available for the community to develop on top of these new applications (S-EHR) standard compliant and regulated by a well defined InteropEHRate governance model
- InteropEHRate **reference implementation**
- Trial **3 use cases** (visit, emergency and research) in 4 countries and pilot sites
- Stakeholders **involvement and awareness** campaign

THANK YOU

Matteo Melideo

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