EDITH: la roadmap europea sullo sviluppo dei Digital Twin in sanità

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EDITH – a CSA in Digital Europe

- Builds a consolidated EU ecosystem around digital twins for healthcare

- Develops a roadmap for accelerating the uptake of digital twin-based solutions and their further integration towards the virtual human twin

- Performs an exhaustive analysis of industry needs and barriers

- Develop the blueprint and technical specifications for a repository of digital twin resources and simulation platform

EDITH – aims & approach

- Build a vision & roadmap leading to the integrated virtual human twin

- Identify research challenges & enabling infrastructure

- Develop convincing use cases

- Drive large-scale take-up & adoption

EDITH – ingredients

Technology
- Individual resources: data, models, algorithms
- Integration of resources
- APIs
- Infrastructure

ELSI
- Access, privacy
- Ethics, code of conduct
- Legal & policy aspects
- Regulatory considerations

Users
- Different profiles
- Access & workflows
- Interaction with other platforms & repositories

Sustainability
- Clinical uptake
- Large companies
- Start-ups
- Marketplace
- business modelling
- ERIC, EDIH

EDITH – VISION

What we want the EDITH repository be after the CSA

- The EU repository for VHT resources

- The catalogue of VHT resources within the EHDS

- A tool to find, share, develop, curate, test/validate, connect together, compare, and support the regulatory acceptance/compliance of any VHT resource

- An architecture based as much as possible on the upcoming DG CNECT middleware, EOSC resources, and EHDS services

- A tool to verify/ensure the compliance with EHDS interoperability standards/profiles

- An infrastructure integrated with the EU network of HPC resources

EDITH – the Roadmap

Coordination & support action = collaborative effort

- Prepared by consortium

- Contributed to by experts & stakeholders

- Discussed with different communities

- Endorsed by the ecosystem

Deliverable related with the roadmap are publicly available and EDITH organizes public online discussion meetings.

The deliverables can be accessed through the EDITH-CSA website and Zenodo community.

The consortium welcomes feedback on this deliverable via the form available on the EDITH-CSA website (https://www.edith-csa.eu/)

Grazie per l'Attenzione

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SITO WEB EDITH: https://www.edith-csa.eu/

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