

EDITH

European Virtual Human Twin



www.edith-csa.eu



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Objectives



- To build an **ecosystem of digital twins in healthcare** within the EU by conducting a mapping of actors, initiatives, resources and barriers in the digital twins



- To create a **roadmap for the realisation of the integrated Virtual Human Twin (VHT)**, identifying the main research challenges and infrastructure needs as well as formulating clear policy recommendations



- To develop a **federated and cloud-based repository of digital twins in healthcare** (data, models, algorithms and good practices), pooling together existing resources across Europe and providing access to relevant existing data and model repositories



- To **outline a simulation platform**, supporting the transition towards an integrated VHT, that will be implemented as a public infrastructure, providing a one-stop shop to design, develop, test and validate single organ digital twins, and combine them with others to create the integrated VHT models



Collection of contributions – Short term (before July)

- Vision and index of the roadmap will be published end of March (1st draft July)
- Summary green paper of the vision will be released around same time (plus form online to provide comments)
- Industrial Advisory Board meetings
- Series of webinars (early april, may and june) to present same concepts and have discussions
- Contact form online
- Submission to EU Tool 05-03: contact Liesbet Geris, 1pager to be released soon
email: director@vph-institute.org

Collection of contributions – Long term (after July)

- Ecosystem meetings (at least 2 over the course of the 2nd project year)
- Public surveys
- Contributions to the final version of the roadmap
- Possibility of including resources in the repository. Workflows to prepare submission and provision of metadata are currently being tested on the pre-selected use cases of the consortium. They will be published in summer.