

#### **Petra Ritter**

Director of the Brain Simulation Section at Charité University Medicine Berlin, Director International Affairs at Charité University Medicine Berlin TEF-Health Lead and Coordinator

Testing and Experimentation Facility for Health AI and Robotics

**TEF-Health** 







Professor Petra Ritter
Charité University Medicine
Berlin, Germany
Berlin Institute of Health



- Director of Brain Simulation Section
- Director for International Affairs, Charité
- Lead Testing and Experimentation Facility for Health AI and Robotics (€60 Million funding)
- Lead eBRAIN-Health Actionable Multilevel Health Data (€13 Million funding)







### **EU Service for Sensitive Data**

## European Commission Horizon Europe 2021-2027

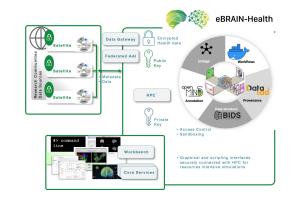


**EOSC Virtual Brain Cloud** 



Lead: Charité €15Mill 2018-2023

https://cordis.europa.eu/project/id/826421 https://eosc-portal.eu/about/eosc-projects?page=5 eBRAIN-Health Actionalble Multilevel Health Data

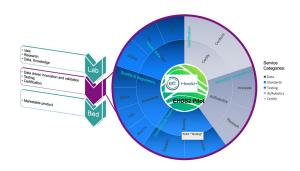


Lead: Charité €13Mil 2022-2026

https://cordis.europa.eu/project/id/101058516

The DIGITAL EUROPE Programme

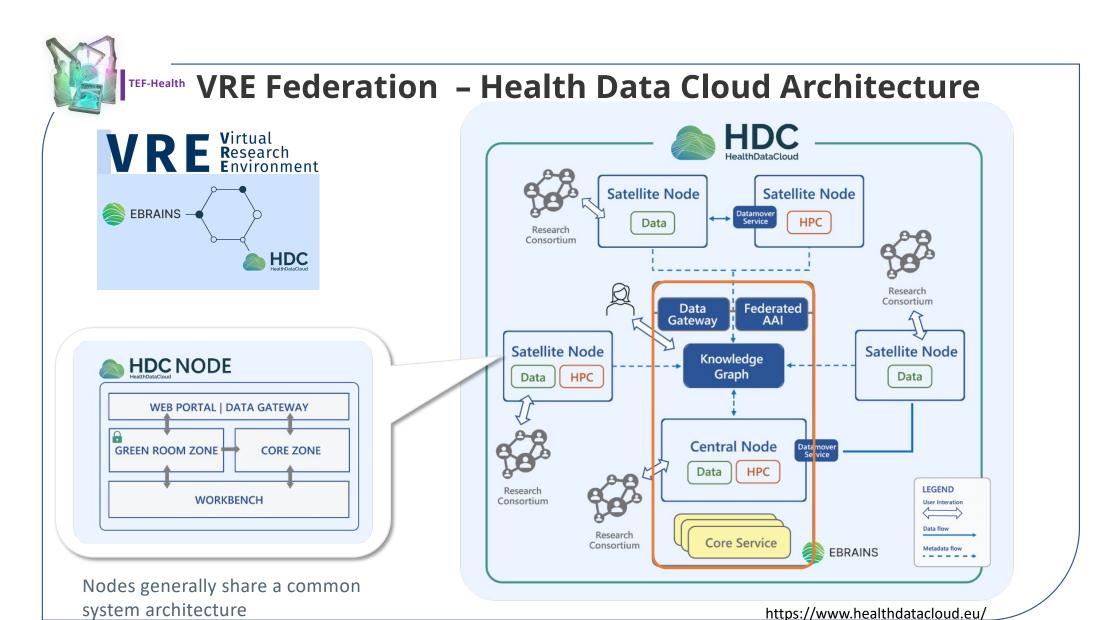
TEF-Health
Testing and Experimentation Facility
Health AI and Robotics



Lead: Charité

€60Mill 2023-2027

www.tefhealth.eu

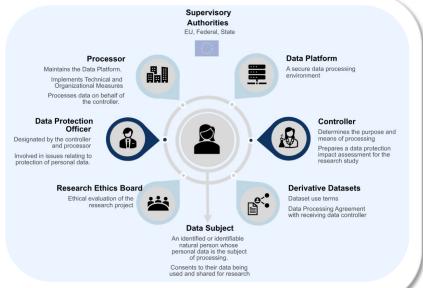


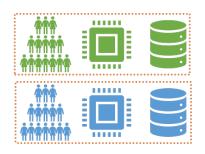
TEF-Health

GDPR-compliant governance and data protection framework



Technical and organisational measures for lawful processing of sensitive data





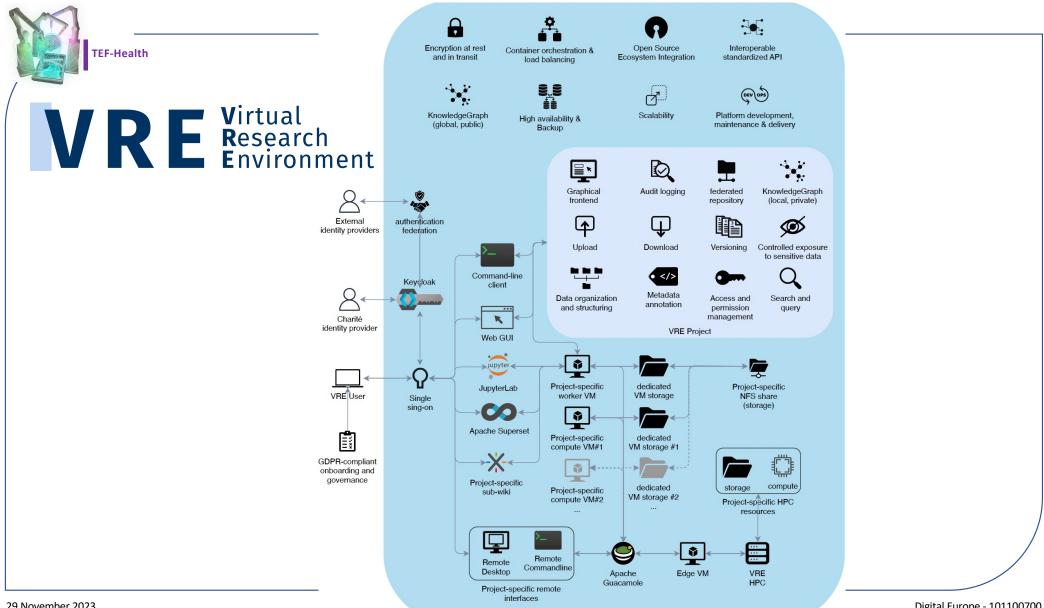
Private cloud computing



P2P Interoperability and automated ingestion of research data



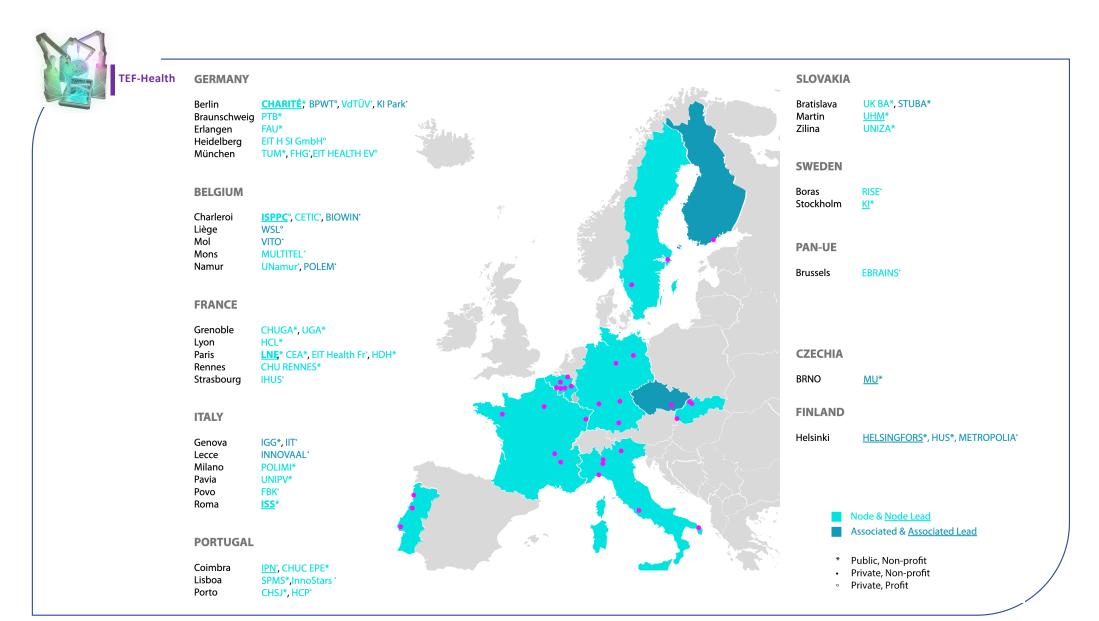
Metadata, standardization, provenance tracking, version control

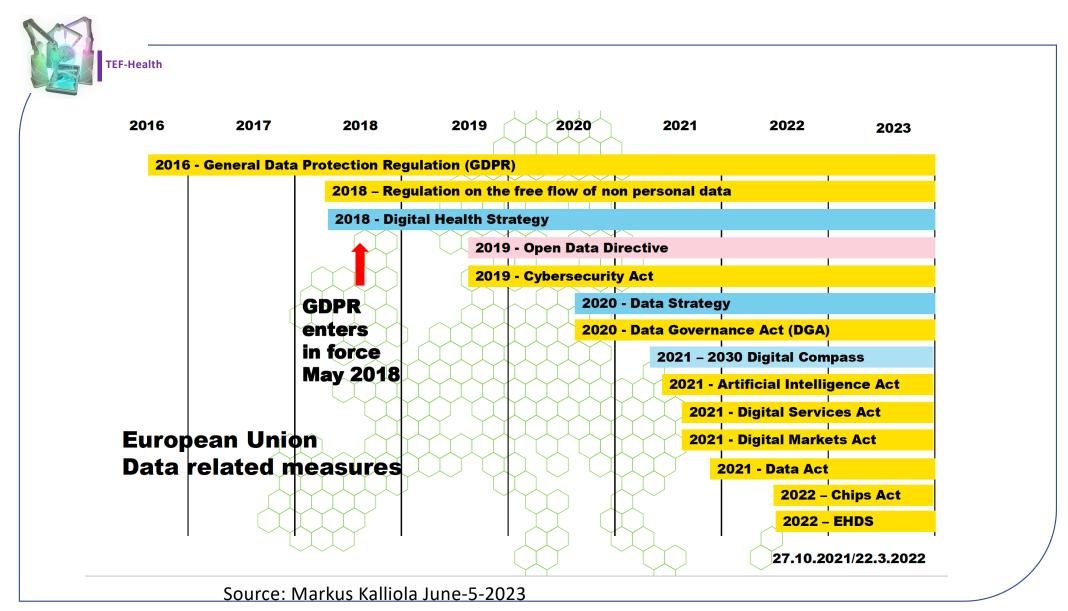


29 November 2023

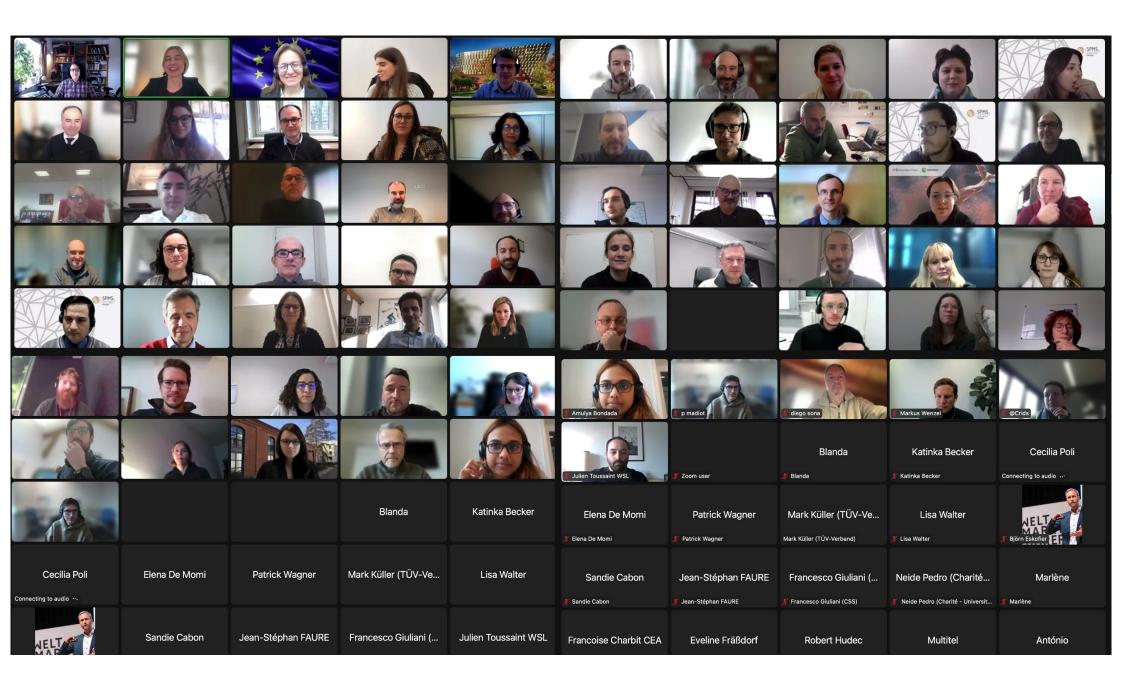
VRE Platform

Digital Europe - 101100700











































































































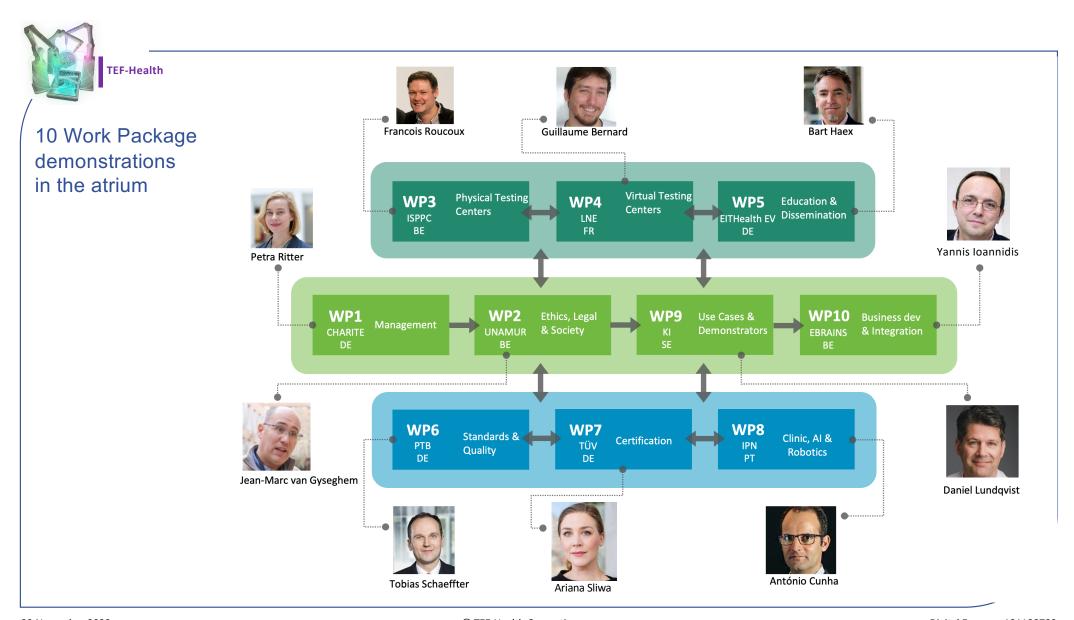


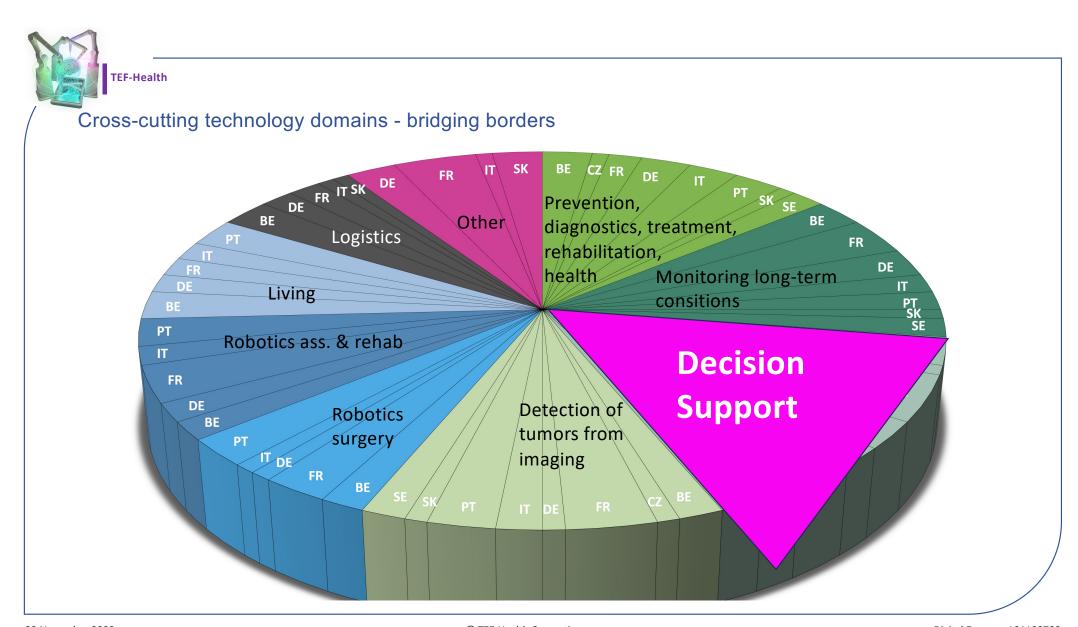


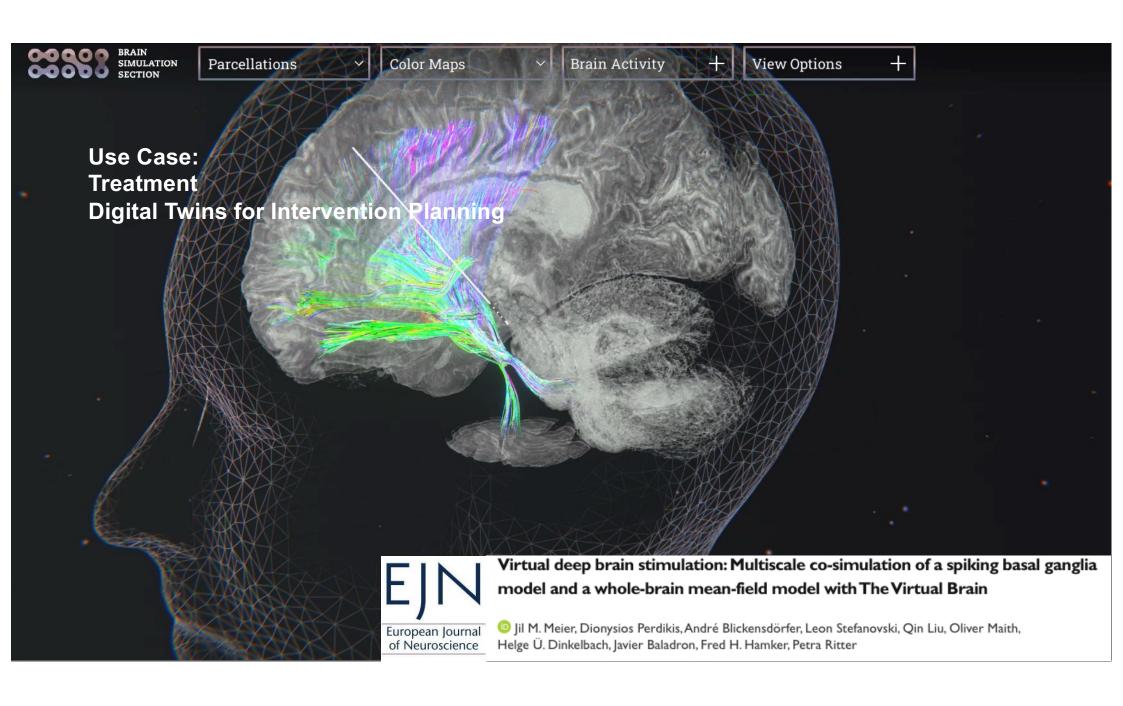


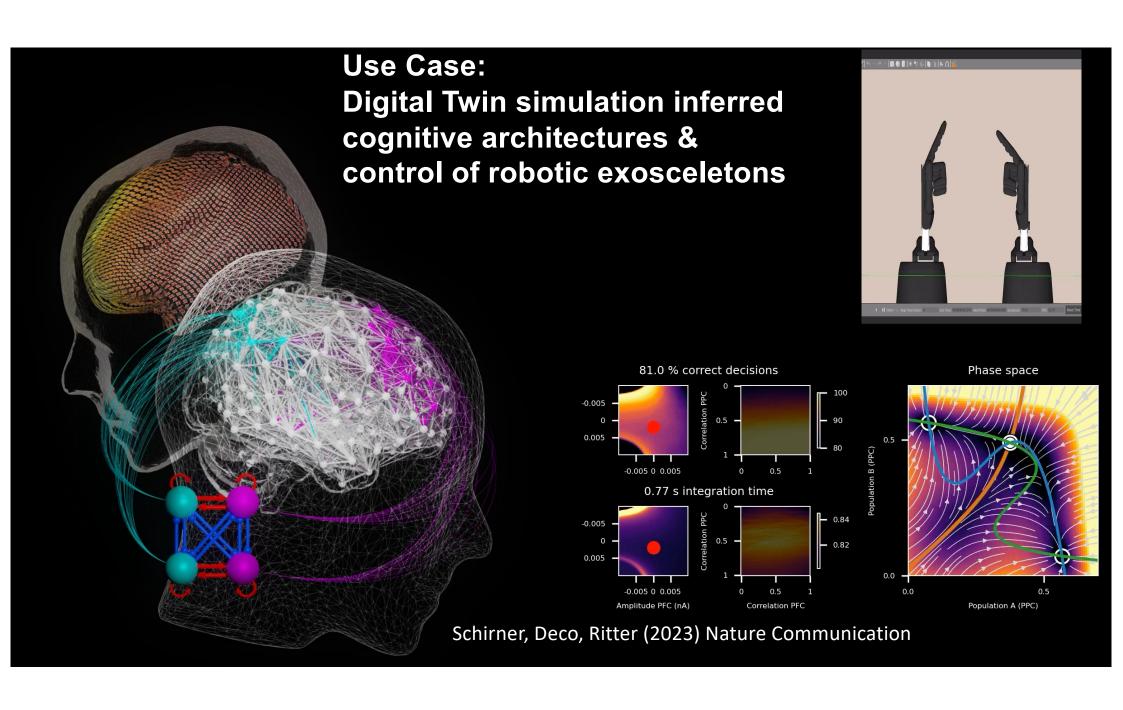
**51** parties across Europe: node partners & associates

LOI from more than 40 SMEs and organizations





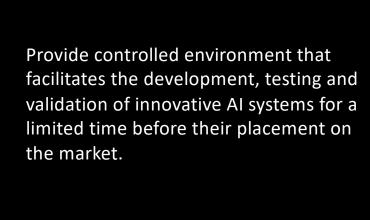




Regulatory Sandboxes:

Promote Trust and Excellence in AI and Robotics

Art. 53 Artificial Intelligence Act (EU)





# TEF "Front End"

Webpage (public)

Landing page, news, events,

. . .

### **Community (stakeholders)**

User-generated content, profiles of start-ups, facilities ..

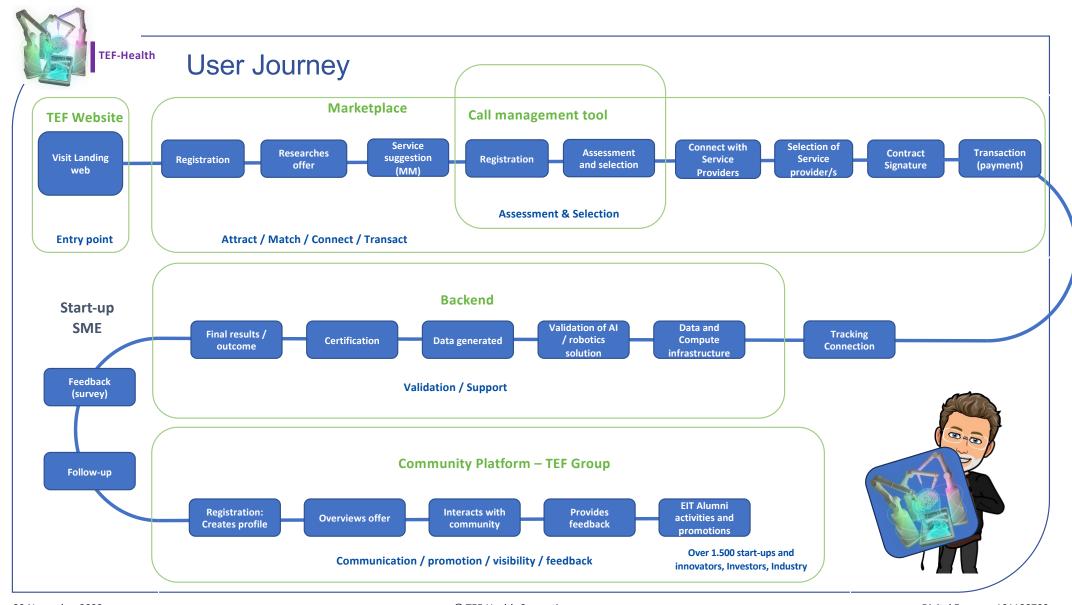
Marketplace (stakeholders)

Match, connect, transact

TEF
"Back End"

Infrastructures & TEF services





Thank you!



