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Project Facts

Work programme:
Horizon Europe

Total Cost: € 8.706.263
Duration: 42 Months

Start date - July 2022

CONSORTIUM

FORTH – Foundation for Research and Technology - Hellas
tecnalia – Member of Basque Research & Technology Alliance
Hellenic Mediterranean University
Acceligence
VTT
adrestia
Universität Wien – Department of Innovation and Digitalisation in Law
Zortenet
CDS – a Hewlett Packard Enterprise company
ISI – Industrial Systems Institute
ATHENA – Research & Innovation Information Technologies
Fujitsu
ISS
RINA
KIY
Hewlett Packard Enterprise
Panasonic Automotive
CheckWatt
Università Cattolica del Sacro Cuore
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InQbit – The Q-Bit Innovation
Ericsson Nikola Tesla
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TRUSTEE

Trust and Privacy Preserving Computing Platform for Cross-Border Federation of Data

Utilizing Self-Sovereign technologies and with State-of-the-Art homomorphic encryption, TRUSTEE offers a socially and environmental-aware framework for cross discipline federation of Data.

TRUSTEE

about TRUSTEE:

In accordance with the principles of responsible/trustworthy AI by employing a co-development approach as the foundation methodology, TRUSTEE proposes a secure-by-design Federated Platform in accordance with EU data strategy (COM (2020) 66) and the main EU reference architectures (GAIA-X, EOSC, EGI) in the sector, capable of ensuring interoperability, enabling cross-border scenarios, and scaling a variety of AI-based applications through the use of open APIs, with the goal of making the EU the world's most secure and trustworthy data hub.

our pilots:

- DATA
- SPACE
- ENERGY
- EDUCATION
- AUTOMOTIVE
- HEALTH

our mission:

It is undeniable; ICT innovations generate both challenges and opportunities. Thus, there is a need to assess how well existing technologies can be used to improve the accessibility and quality of multidisciplinary big-data sources from diverse sectors in a trustworthy, fair, responsible, and environmentally friendly manner across the data lifecycle, in order to facilitate data sharing and manipulation. Informatics methodologies can be used to vigorously incorporate such complex requirements from a multidisciplinary perspective, with the goal of discovering data-based markets and developing more reliable models for various types of applications. Therefore, the efficient translation and utilisation of this massive amount of heterogeneous data has the potential to foster relationships and cross-federation of interest, enriching and empowering effective and personalised practices.