



TRUSTEE

www.horizon-trustee.eu

Welcome to the TRUSTEE Newsletter #1

We are pleased to announce the publication of the first issue of the TRUSTEE Newsletter!

This newsletter will be published twice a year bringing the latest news and advances of the TRUSTEE project!

First and foremost...

TRUSTEE is a 42 months Research and Innovation Project, that will last until 2025.

It kicked off in July 2022 and it gathers a consortium of 22 partners.

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

Keep in touch!



TRUSTEE



TrusteeHorizon



Horizon-Trustee



Our pilots



Space

TRUSTEE will focus on how to support ISS for research and space missions, based on a series of detailed scenarios developed in the early phase of the project. Through these we will identify the technical and non-technical requirements, as well as the structure of the tests executed to check functionality and user acceptance.

Education

TRUSTEE recognizes the responsibility that educational institutions carry to generate, manage, store, secure and ensure individual privacy of students and administration. We aim to make their job easier by improving data sharing according to GDPR rules and enabling data interoperability with cross-border.

Data

TRUSTEE's goal is to establish the necessary pathway for multi-stakeholder data exchange and data sovereignty across its platform, by implementing a set of IDS interfaces with the GAIA-X federation layer to allow secure data inference across the entire platform.

Health

TRUSTEE'S platform will be used by the researchers at UCSC in areas such as Epidemiology & Bio statistics, Bioinformatics, Artificial Intelligence and Big Data processing to support clinical research and healthcare process improvement.

Automotive

TRUSTEE focuses on enhancing the safety indexes for autonomous driving in the presence of sensor and data sources, by assessing drivers' behavior and HMI evolution and by using the output as informed experimental feedback for evolving the HMI.

Energy

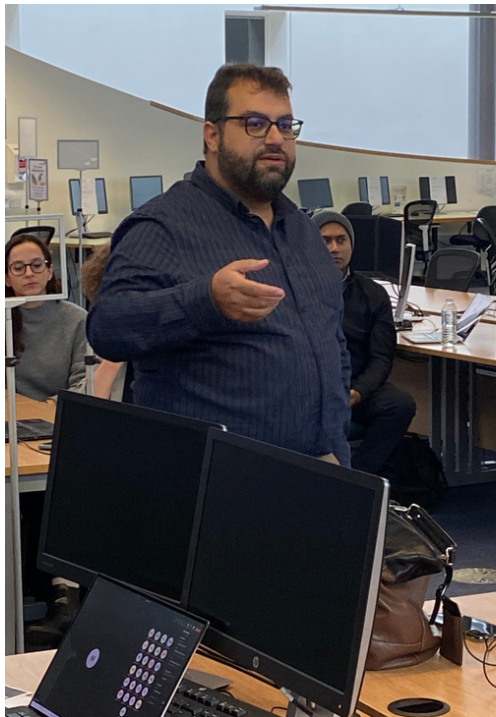
TRUSTEE aims to help customers that have invested in energy solutions to continuously monitor PV production, energy consumption and battery storage/charging status to be able to offer Virtual Power Plant services.



1st Plenary Meeting



Around the table conversation at the end of the 1st day of TRUSTEE's First Plenary Meeting



TRUSTEE's Technical Manager, Dr. Evangelos Markakis

TRUSTEE'S First Plenary Meeting was held on 11-12 October, in Edinburgh, United Kingdom.

Napier University hosted the event and more than 40 experts from multiple European countries attended!

The Plenary Meeting was also streamed online for all partners that could not attend the event physically.

Over the next 3 years, the 22 partners will work together towards a trust-worthy framework, that will improve European citizens' lives.

Fruitful conversation took place on both days, and partners had the opportunity to discuss TRUSTEE's objectives, mission and pilots and meet in person for the first time!



Dining with the Dean of the Schools of Computing, and Engineering & the Built Environment.



During the first day of TRUSTEE's 1st Plenary Meeting



Second day of TRUSTEE's first Plenary Meeting

[See more](#)



Brochure

The TRUSTEE Brochure presents a general overview of the project.

[You can download it here!](#)

Stay in contact!

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Project Facts

Work programme:
Horizon Europe

Total Cost: € 8.706.263
Duration: 42 Months

Start date - July 2022

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.

CONSORTIUM

TRUSTEE project has received funding from the European Union's Horizon EUROPE research & innovation programme under grant agreement No 101070214

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.



Events



#EBDVF22

TRUSTEE was presented at the prestigious European Big Data Value Forum! The European Big Data Value Forum is a major ICT event in Europe that brings together industry professionals, business developers, researchers and policy-makers from all over Europe and other regions of the world to advance policy actions, and industrial and research activities in the areas of Data and AI.

TRUSTEE was presented by Dr. Emmanouil Spanakis, Project Coordinator, during the session “Lessons learned from Data Platforms projects” that took place on the second day of the event (on November 22nd). The first part of this session was dedicated to operationalizing the transfer of knowledge and main assets from the Data Platform projects to the current Data Spaces Programme. The second part of the session was designed as a welcome to the new research projects in data sharing in the Common European Data Spaces (funded under Horizon Europe DATA-01-01/DATA-01-03) that have the ambitious challenge of making Europe the most successful area in the world in terms of data sharing and data re-use while respecting the legal framework relating to security and privacy preservation.

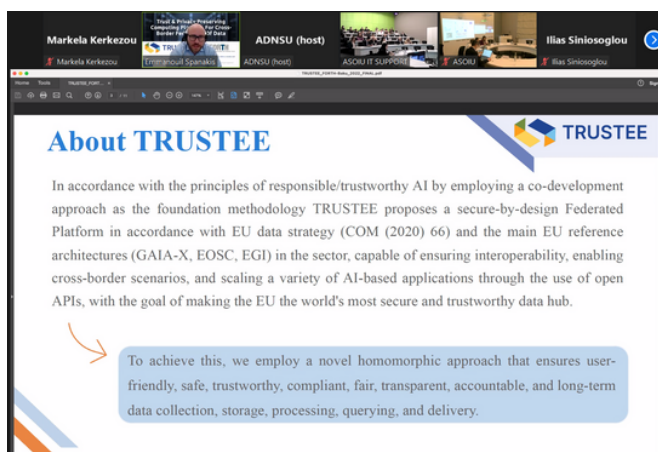


#ELECTRON

TRUSTEE was also showcased at the ELECTRON International Event, which took place in Baku, Azerbaijan. The event dealt with issues that are currently threatening the very existence of Europe and the world: the energy crisis and cybersecurity.

Modern solutions for protecting the energy and power systems from harmful actions and cyberattacks while empowering the digital culture of European citizens were presented during the event.

TRUSTEE was presented by Dr. Emmanouil Spanakis, Project Coordinator on the second day of the event (on December 6th). The project summary was shown along with TRUSTEE's innovations and ambitions.





Next Issue

The second issue of TRUSTEE's newsletter will coincide with the one-year anniversary of the project!

Be sure not to miss it and learn all about:



TRUSTEE's first Workshop that will take place in March, 2023.

Be sure to follow TRUSTEE's [LinkedIn](#) and [Twitter](#) to not miss any updates!

TRUSTEE's collaboration and clustering activities with the very innovative projects: [TANGO](#) and [TEADAL](#).
More collaborations are on the works as well!



TRUSTEE's Second Plenary Meeting that will bring the consortium together in order for them to discuss the evolution of the project!

And much more to come in TRUSTEE's second newsletter!



Consortium

Get to know the TRUSTEE Consortium!



**Hewlett Packard
Enterprise**

adrestia
Equilibrium in Research & Development



FUJITSU



KEY



ZORTENET

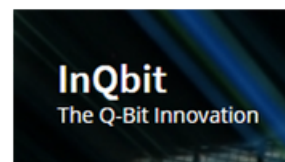
RINA



Ericsson Nikola Tesla



ACCELIGENCE



Panasonic
AUTOMOTIVE



etoile

**Edinburgh Napier
UNIVERSITY**



**UNIVERSITÀ
CATTOLICA
del Sacro Cuore**

CDS
a Hewlett Packard
Enterprise company



**universität
wien**
Department of Innovation
and Digitalisation in Law



VTT

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