



Promoting and Incentivising Federated, Trusted, and Fair Sharing and Trading of Interoperable Data Assets

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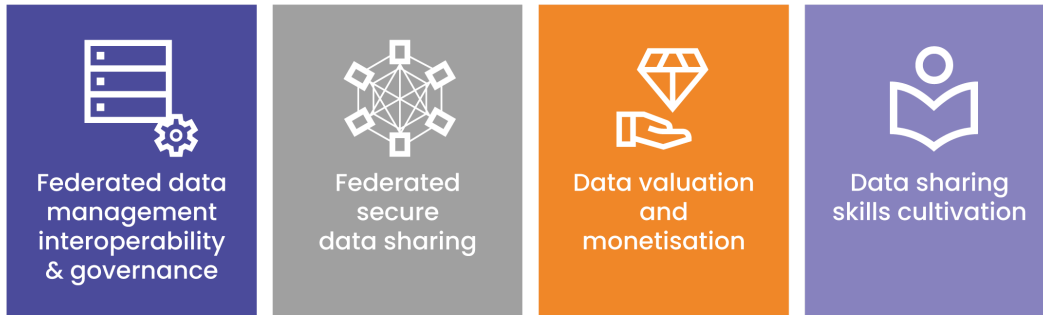
January 2023 - June 2026

PISTIS aims to **develop a reference federated sharing and trading platform for secure, trusted, and controlled usage of proprietary data assets and data-driven intelligence**. The project will advance available procedures and technologies, including federated data discovery and sharing, distributed ledger technologies (DLTs), data non-fungible tokens (NFTs), and AI-driven data quality assessment and monetization.

In PISTIS the way data is managed, shared and monetised is renewed, combining solutions from diverse domains (like data management,

analytics, finance, crypto, security) through an orchestrated architecture which can accommodate the stakeholders' needs and realise the broader concept of the European Data Spaces for highly efficient and trustworthy data sharing and monetisation.

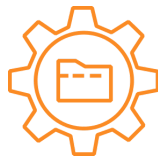
The four axes of PISTIS:



OBJECTIVES



Set the basis for fair and reliable data sharing and trading.



Design and deliver interoperable and secure data asset management and governance techniques.



Develop fit-for purpose data valuation and monetisation tools for data providers.



Integrate the PISTIS platform with software enabling trustful and reliable exchanges.



Validate the PISTIS platform within a set of representative real-world scenarios.



Replicate and scale up the PISTIS solutions, satisfying the stakeholders' needs.



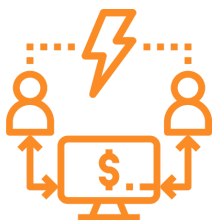
To cultivate a data sharing mentality within organisations.

DEMONSTRATORS HUBs



Mobility and urban planning

Data sharing/trading in aviation, public transportation, and public administration.



Energy

Specific focus on the electrical distribution network, and how different actors can set more efficient and sustainable procedures.



Automotive

Environmental-friendly, safe, and efficient mobility and transport, directly supporting the European Green Deal.



PISTIS and EUDATA+ Alliance



EUDATA+

EUDATA+ cluster is organising a webinar series focused on technological and business aspects of data sharing, trading and monetization.

Follow us on [LinkedIn](#) to stay updated!

EUDATA+ Cluster Participants



enRichMyData

FAME

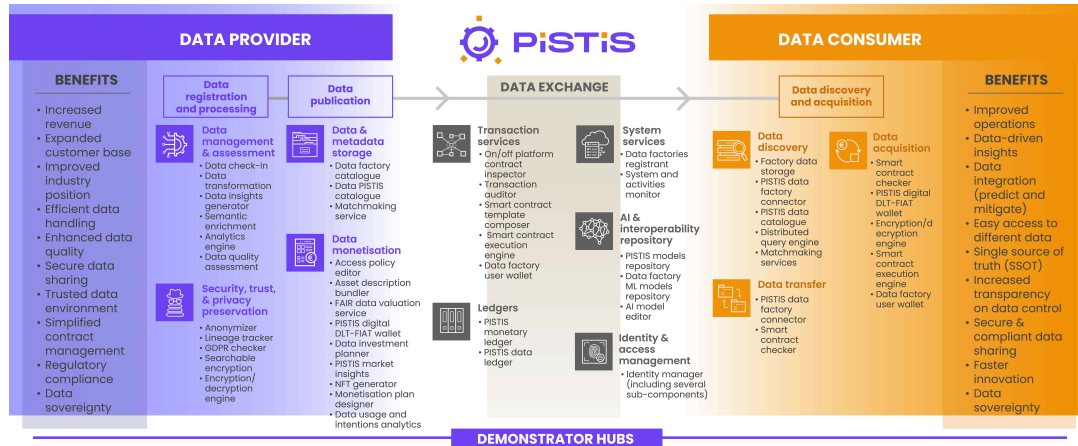


UNIVERSAL PLATFORM COMPONENTS FOR
SAFE FAIR INTEROPERABLE DATA EXCHANGE,
MONETISATION AND TRADING

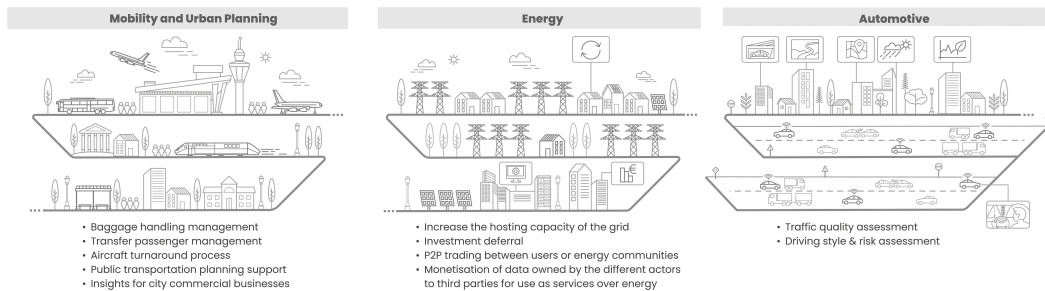


Above-the-fold

The PISTIS solution as a whole



The demonstrator hubs aim to establish a data-sharing ecosystem among key stakeholders to unlock new value and revenue streams through integrated use cases.



Project updates

The PISTIS evaluation framework

PISTIS has just concluded the testing phase of the **Alpha version** of its Solution in the three demonstrator hubs.

Key Evaluation & Demonstration

The project is actively demonstrating and evaluating its progress through a structured approach:

- **Foundation:** The initial "[D5.1 Demonstrators Evaluation Plan and Preparation Activities Report](#)" established the framework for assessing PISTIS's impact from business, technical, and legal perspectives. This included defining evaluation methodologies, feedback mechanisms, and test cases.
- **Alpha Version:** The project has now concluded the second phase, which involved evaluating the **alpha version of the PISTIS platform** ([D5.2 - Demonstrators-Activities-Evaluation-Results-First-Report](#)). This initial version, offering basic functionalities like Data Sources Connection and Closed Group Data Collection, was primarily tested by a closed group of internal users with deep project knowledge. The insights gained are crucial for steering improvements towards the upcoming Beta version.
- **Looking Ahead:** The project is now gearing up for the third phase, which will involve the release of the **Beta version** (offering full functionality with some experimental features) and subsequently the **final version** (full functionality with mature non-critical features). The final evaluation results will be delivered in "D5.3.-Demonstrators' Activities Evaluation Results - Second Report" at the end of the project.

Rigorous Evaluation Framework:

The PISTIS evaluation process is iterative and stakeholder-focused, involving:

1. Engaging stakeholders.
2. Describing the project's plan and expected effects.
3. Focusing the evaluation design.
4. Gathering credible evidence through defined Key Performance Indicators (KPIs) – technical, economic, environmental, social, and business.
5. Justifying conclusions.
6. Ensuring further use and sharing lessons learned.

This comprehensive framework aims to validate the PISTIS platform in real-life settings, support business scenarios, and ensure the technical work

successfully meets the needs of various stakeholders, including those focused on dissemination, exploitation, and legal aspects. The demonstrators play a crucial role in testing suitability, evaluating the overall platform, and proposing improvements for future exploitation and business model viability.

The continuous evaluation and feedback loop, starting from the alpha release and continuing through subsequent versions, are vital for refining the PISTIS platform and ensuring it delivers on its promise of a secure, trusted, and valuable data-sharing ecosystem.

NEW EVENTS

PISTIS at EBDVF 2025



Empowering Europe's future with AI and DATA

Date: 12 - 14 November 2025

PISTIS will be at the [European Big Data Value Forum 2025](#) in the EUDATA+ booth with a special session and workshop.

Stay tuned on our social channels for updates!

PAST EVENTS

PISTIS at Data Week 2025

We were thrilled to have participated in Data Week 2025, which took place from May 26th to 28th in Athens. Our very own Scientific and Technical Coordinator, **Sotiris Koussouris**, represented the PISTIS project and shared our latest results across two insightful sessions.

Sotiris, a renowned expert in ICTs, including Big-Linked-Open Data, AI/ML, Data Analytics, and more, offered valuable contributions.

We hope you had the chance to catch his sessions!

Here's a recap of where Sotiris presented:

1 Session: Monetisation & Governance Across Mobility, Embedded Finance, and Trustworthy Data Sharing

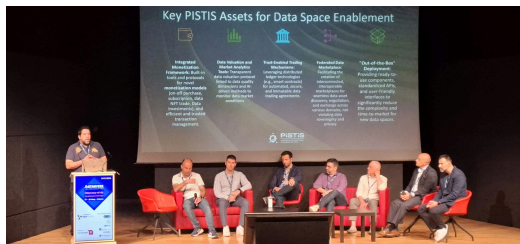
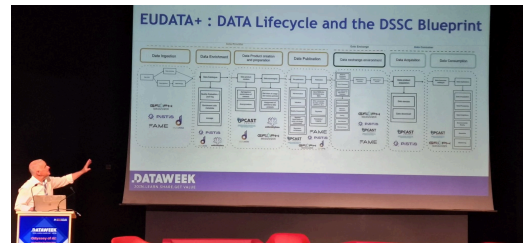
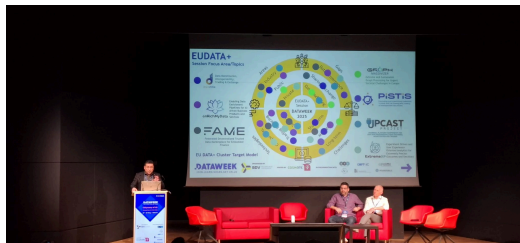
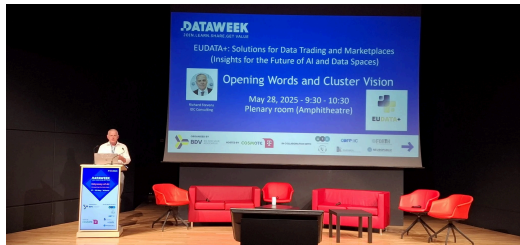
Attendees dived into how organisations can unlock data value and ensure robust governance. This session explored methodologies from the DATAMITE project, OTE's Pluto framework, and highlighted collaboration across **PISTIS (trustworthy data sharing)**, FAME (media), and MobiSpaces (mobility). The discussion focused on how different sectors are tackling data monetisation and governance while ensuring security, interoperability, and compliance.

2 Session: EUDATA+: Solutions for Data Trading and Pricing (Insights for the Future of AI and Data Spaces)

This session explored the future of AI and Data Spaces, powered by the commercial value of data. Sotiris was part of the engaging **Experts Panel**, discussing Data Trading and Pricing methods – crucial for data commercialisation and innovation. The session aimed to help participants:

- Understand the then-current state of Data Trading & Pricing methods.
- Identify gaps and research challenges.
- Gain insights into best practices and real-world solutions.

It was a fantastic week of learning and networking at Data Week 2025, exploring cutting-edge advancements in the data economy. We're proud of PISTIS's contributions to the discussions on trustworthy data sharing.



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