



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

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:



Federated data management interoperability & governance



Federated secure data sharing



Data valuation and monetisation

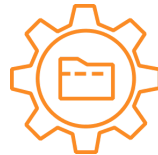


Data sharing skills cultivation

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.



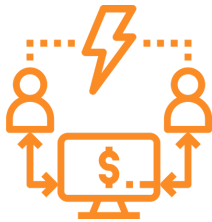
To cultivate a data sharing mentality within organisations.

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.

[Visit the PISTIS website for more details](#)

Project updates



The PISTIS platform: towards the alpha release

The PISTIS project is developing a platform that lets organizations securely share and monetize their data. In this newsletter, we highlight progress on the **PISTIS Market Exchange Platform**, a key component that facilitates data trading.

Here's what's new:

- **Alpha Version of Core Components:** The platform's core functionalities, including data discovery, valuation, monetization, and transaction services, have reached an alpha stage.
- **Secure Data Exchange:** PISTIS utilizes blockchain technology (NFTs) to ensure secure and privacy-preserving data transactions.
- **Data Valuation and Monetization:** The platform offers tools to help data providers understand the value of their data and choose appropriate monetization strategies.
- **Open Access to Code:** Developers can explore the platform's source code available on [GitHub](#) (access upon request).

Benefits for Organizations:

- **Monetize Data Assets:** Organizations can unlock the value of their data by securely sharing it with interested parties.
- **Improved Data Sharing:** The platform facilitates secure and controlled data exchange with other organizations.
- **Data Privacy & Security:** Blockchain technology ensures secure and privacy-preserving data transactions.

What's Next?

The PISTIS consortium will integrate these components into the alpha release of the overall PISTIS platform. Further development will focus on beta testing and adding new features.

Stay tuned for future updates on the PISTIS Market Exchange Platform!

You can read more on the PISTIS website, [here](#).

NEW EVENTS

Second PISTIS Living Lab



Data Monetization and Ethics

Date: October 21, 2024

Time: 14:30-15:45

The upcoming PISTIS Living Lab will delve into the critical topics of data monetization and ethics. This event is a pivotal moment for SMEs, who often face significant hurdles in accessing and utilizing high-quality data for business growth and innovation.

Key Challenges for SMEs:

- Limited access to high-quality data.
- Insufficient technical expertise.

- Inadequate financial resources.
- Navigating complex legal and regulatory frameworks.

The PISTIS Living Labs offer a unique platform to address these challenges. By bringing together project partners and external stakeholders, the labs foster collaboration, knowledge sharing, and the exploration of innovative solutions. The upcoming event will focus on two key themes: **data monetization and data ethics**.

Data monetization is essential for unlocking the value of data assets.

Data ethics ensures that data is used responsibly and respects privacy and security concerns.

Event Highlights:

- Overview of PISTIS project and platform demonstrator.
- Interactive breakout sessions with experts.

Benefits for Attendees:

- Learn about innovative solutions for data interaction.
- Understand the future of data monetization and ethics.
- Connect with other stakeholders in the field.

For discover the full agenda and register for the Living Lab visit the [event webpage](#).



PISTIS at the EBDVF 2024 with the EUDATA+ Alliance

The poster features a dark blue background with a green gradient on the left. At the top left, it says 'EUROPEAN BIG DATA VALUE FORUM 2-4 OCT | BUDAPEST - HUNGARY'. The main title is 'Advancing Data Lifecycle Management: Tools and Strategies for Enhanced Monetisation'. The date and time are 'October 03, 2024 15:30 - 17:30'. A green button says 'JOIN OUR SESSION!'. The EUDATA+ logo is a circle with a stylized cross. At the bottom, logos for 'ORGANISED BY BDV BIG DATA VALUE ASSOCIATION' and 'IN COLLABORATION WITH AI & AUT EXPO, ELTE, IDEAL-IST, NTP, HUN REN, SZTAKI' are shown.

PISTIS will be at the **European Big Data Value Forum 2024** in Budapest. Recently, PISTIS creates a new European Data Cluster, the **EUDATA+ Alliance**, with five projects funded in the same call: **UPCAST, FAME, DATAMITE, Graph-Massivizer, and EnrichMyData.**

Come visit us at the EUDATA+ booth!

SAVE THE DATE! 3 October 2024, 15:30 - 17:30

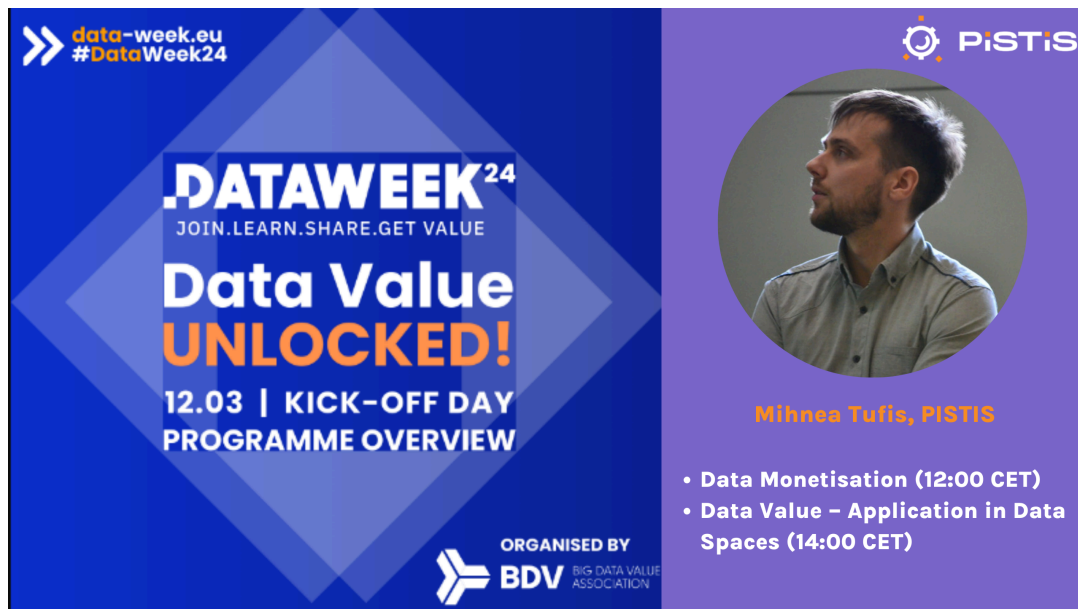
Technical session of the EUDATA+ Alliance

Join us for an in-depth exploration of the data lifecycle in the technical session "**Advancing Data Lifecycle Management: Tools and Strategies for Enhanced Monetization**", where we'll journey through each stage—from data generation to its monetization. Discover the latest technical evolution and achievements from the six EUDATA+ leading projects in the field of data exploitation, as they showcase their innovative tools and solutions. Gain valuable insights into how these technologies can enhance your own data management and monetization strategies.

The EUDATA+ Alliance will present their progress, technical breakthroughs, and discuss future directions.

PAST EVENTS

Data Week 2024



Data Week 2024 has started!

Last 12 March was the KICK-OFF DAY of the Data Spaces Symposium 2024 and [PISTIS](#) was there, represented by our technological expert from [Eurecat - Centro Tecnológico](#), [Mihnea Tufis](#) and [Peter Brosten](#).

The first sessions was at 12:00 Data Monetisation, moderated by [Richard Lloyd Stevens](#) ([IDC](#)).

This panel brought together six Horizon Europe projects – [UPCAST: Universal Platform Components for Safe Fair Interoperable Data Exchange & Monetisation](#), [FAME](#), [DATAMITE](#), [enRichMyData](#), and [Graph-Massivizer Project](#) – to explore the multifaceted dimensions of data monetization. Through a comprehensive dialogue, they unveiled the value, challenges, and approaches associated with transforming data into economic assets.

The second session focused on Data Value – Application in Data Spaces, moderated by [Daniel Alonso Román](#) ([BDVA - Big Data Value Association](#)) and [Nuria De Lama](#) ([IDC](#)).

This workshop aimed to explore how data spaces can create value through sharing and collaboration, identify necessary technical tools, learn from real-world use cases, and focus on AI as a prime example of data space benefits.

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