



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

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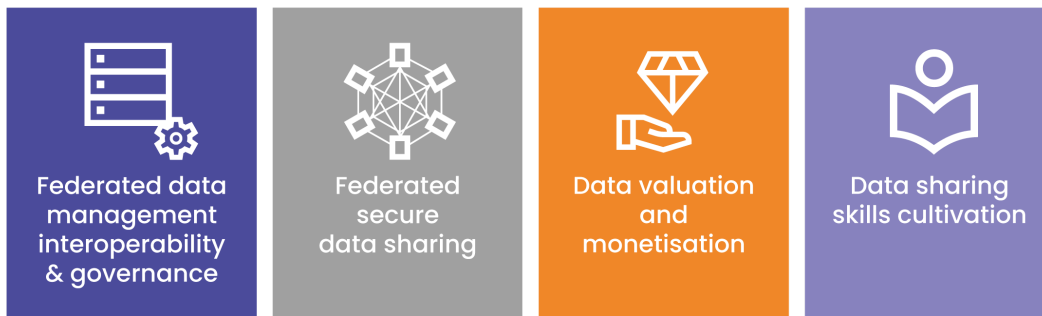
January 2023 – June 2026

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.

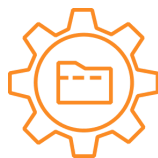
The four axes of PISTIS:



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



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



Replicate and scale up the PISTIS solutions, satisfying

trustful and reliable
exchanges.

the stakeholders'
needs.



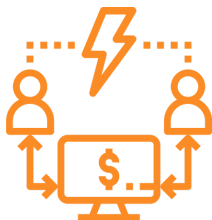
To cultivate a data
sharing mentality
within organisations.

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.

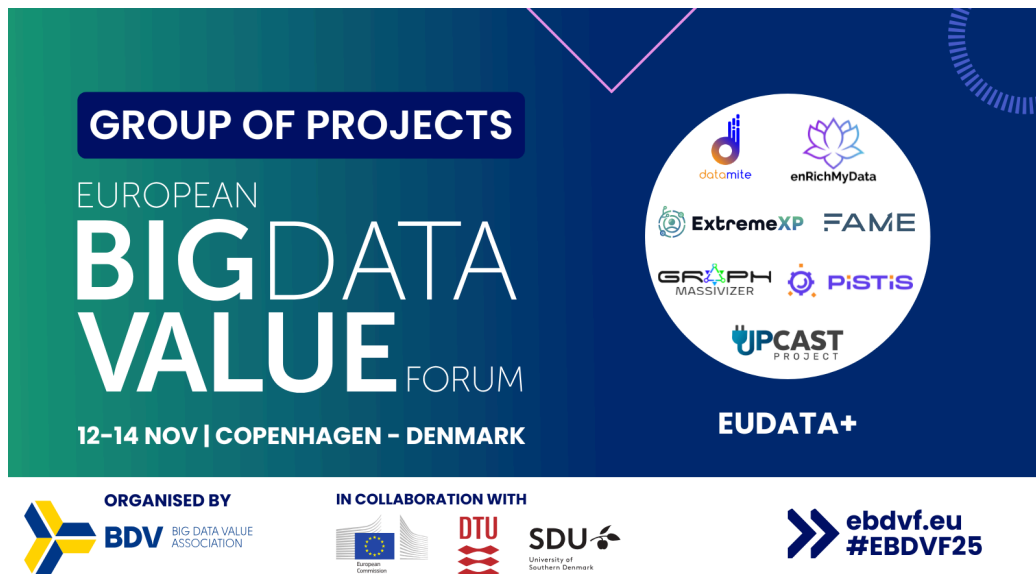


Automotive

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



PISTIS with EUDATA+ Alliance at EBDVF 2025



The EUDATA+ cluster will have a presence at the European Big Data Value Forum (EBDVF), a key event for the European Big Data Value and Data-Driven AI community. The event will take place from November 12-14, 2025, in Copenhagen, Denmark. The cluster's participation will allow it to showcase its progress and engage with industry professionals, researchers, and policymakers from around the world.

On **November 13th from 11:00 to 13:00**, you can join the cluster session "**A Journey Through the Data Lifecycle - Innovations, Use Cases, Values**", where the seven projects of the alliance will explore the full journey of data, from data acquisition and enrichment to its real-world exploitation. In this session, the EUDATA+ Cluster will present the outcomes and future outlook of each project, followed by targeted examples of how their solutions are already shaping the future of key European sectors. A unique opportunity to understand both the technologies and the tangible value they deliver.

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

EUDATA+ Cluster Participants



Above-the-fold

**The PiSTiS platform
(the beta version)**

We've moved from our first test version (Alpha) to our next big test version: **Beta**. This new version is much closer to what you'll use every day!

Easier to Put Data In

- **Fast Data:** You can now add a lot of data quickly, as it happens, with a new tool called **Kafka**. Think of it like a non-stop hose for your data.
- **Simple Files:** It's now easier to add many kinds of files. We also fix weird text characters automatically and can grab files from places like **FTP** (a file transfer system) at times you choose.

Making Data Ready to Use

- **Cleaner Data:** We've added new ways to clean and change your data.
- **No-Code Jobs:** A new, simple tool lets you set up jobs without writing code. This includes:
 - Setting a schedule.
 - Checking for rules like **GDPR** (data privacy rules).
 - Adding encryption (to keep it secret).
 - Keeping track of where the data comes from and who can see it.
- **Smarter Quality Checks:** The platform will now automatically check your data and tell you if it's good or not.

Finding the Data You Need

- **Better Search:** We rebuilt the whole search page to be cleaner and easier to use.
- **Smart Suggestions:** When you look at one set of data, the system will now suggest other similar sets you might like.
- **Safe Search:** You can now search secret (encrypted) data, even with full sentences!

Making Money from Data

- **New Ways to Sell:** It's easier to create and sell your data offers.
- **Easy Valuation:** We added a tool to help you see the fair price for your data.

- **Digital Assets:** We now have tools to create **NFTs** (unique digital items) and help you plan investments.
- **Wallet Upgrade:** Our digital wallet now lets you handle investments and special digital items safely. It keeps track of everything you do.

Safer and Trustworthy

- **Super Safe Data:** We are using advanced tools (**GANs**) to create fake data that looks real but protects people's privacy.
- **Tracking Changes:** We can now clearly show you every change made to your data, like a secure log book.
- **Stronger Rules:** The system is better at checking if your data follows privacy rules like **GDPR**.
- **New Security Keys:** We are using better ways to lock and unlock your data.

Better Management

- **Simple Access:** We have an editor to easily set who can see and use what.
- **Watching the System:** New tools let us keep a close eye on how the system is running.
- **AI Tools are Here:** All the tools for making and using **AI models** are now right inside the main platform.

[READ THE DELIVERABLE D4.3](#)

Project resources

The PISTIS Massive Open Online Courses

Unlock your **SME's innovation potential** by diving into the **PISTIS User-Driven Innovation Approach** through our **Massive Open Online Courses (MOOCs)**! These courses are your gateway to leveraging the **PISTIS solution for data sharing** and achieving **Enhanced Innovation Capabilities**. You'll gain **New Ideas & External Perspectives, simplify complex concepts** like technical and managerial expertise, and **expand your corporate network** by joining a growing knowledge community. Whether you're onboarding your team to the PISTIS platform or driving adoption outside the consortium, our MOOCs are designed to equip you with the essential skills. Start your journey today - [watch the courses!](#)

NEXT 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+ Alliance booth with a special session and workshop on 13 November at 11:00.

Stay tuned on our social channels for updates!

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