PiSTiS

January 2023 - June 2026

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

Overview

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 monetisation.

About

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
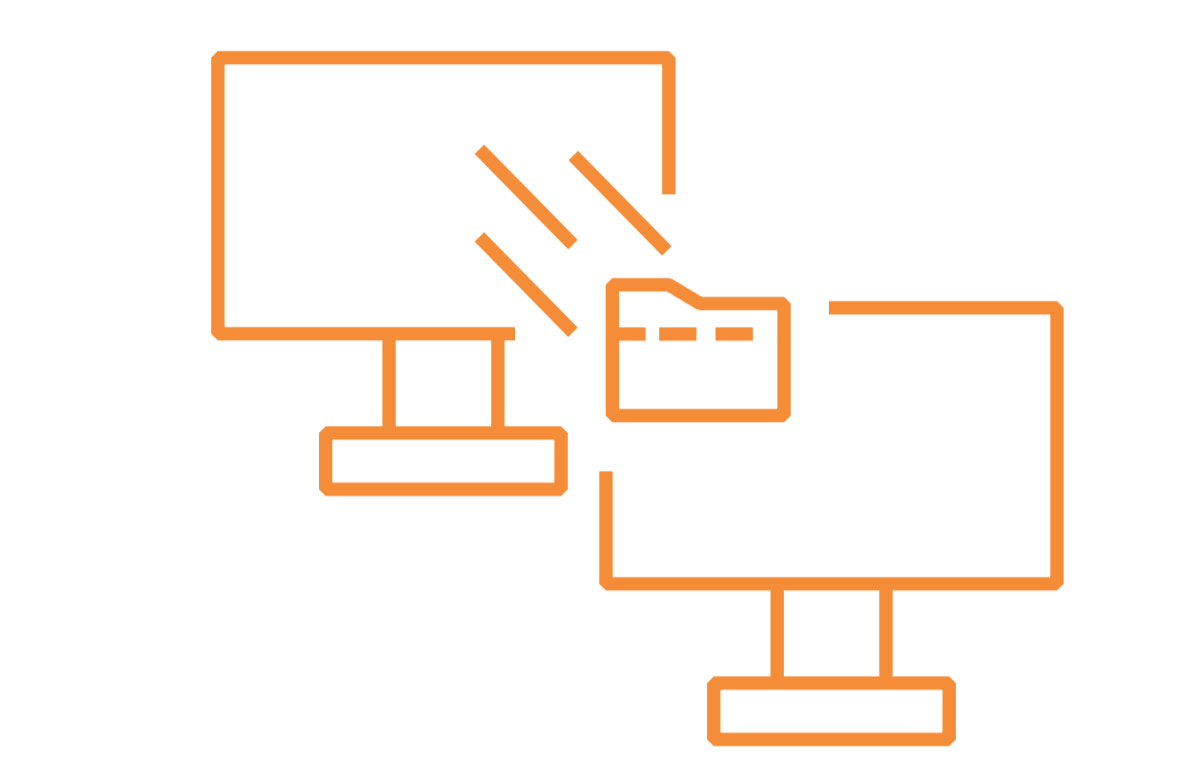
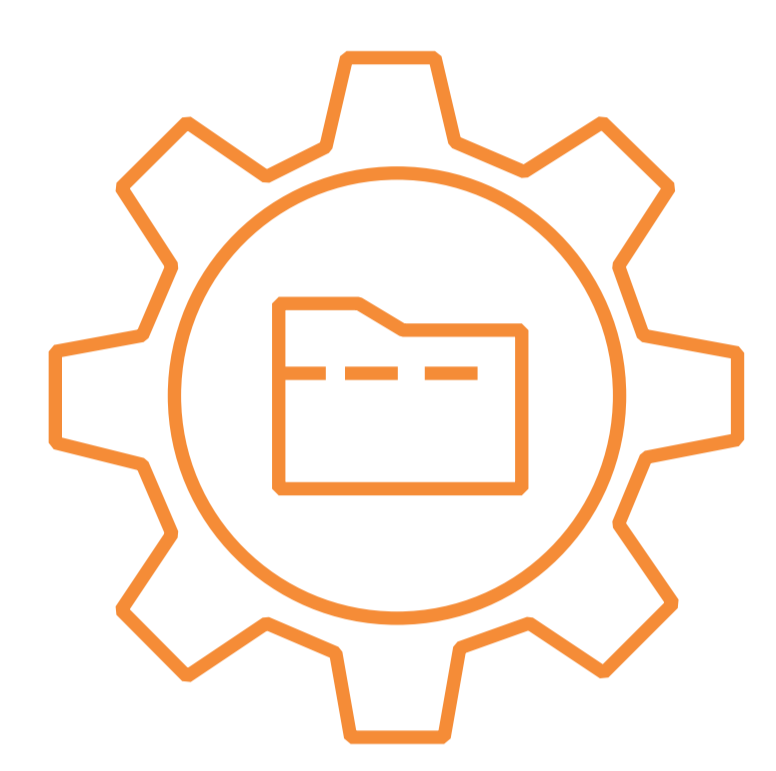Federated secure data sharing

Data valuation and monetisation

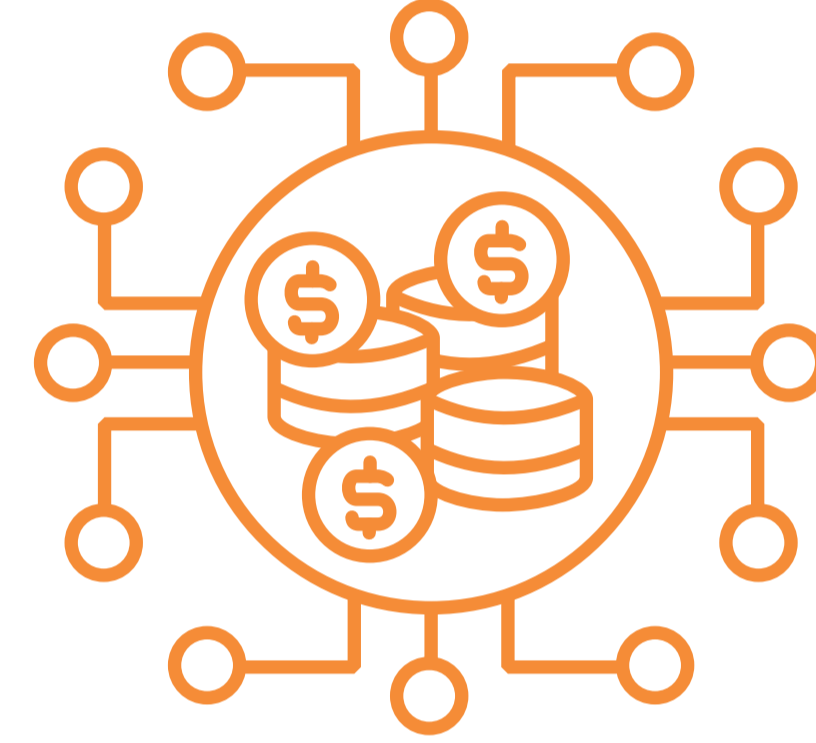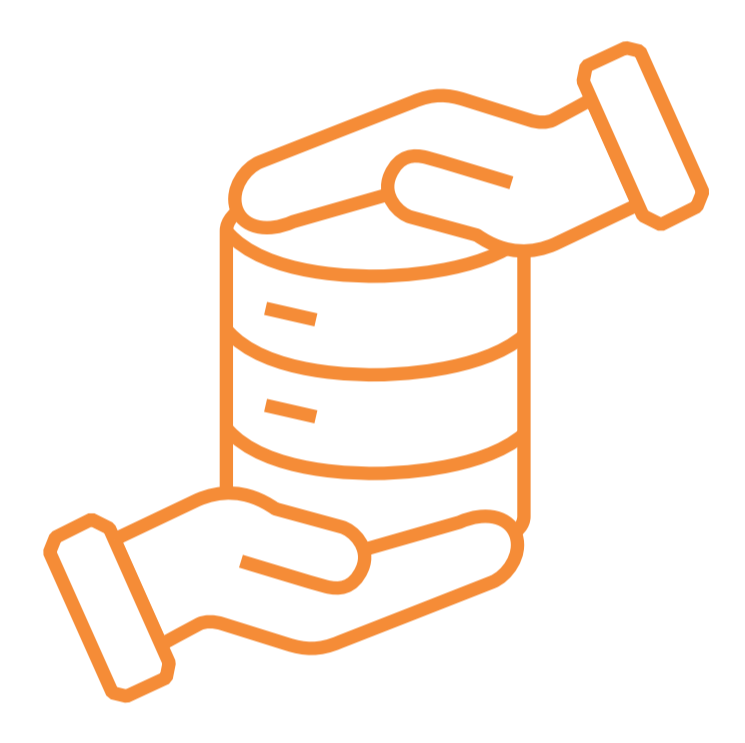Data sharing skills cultivation

Objectives

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

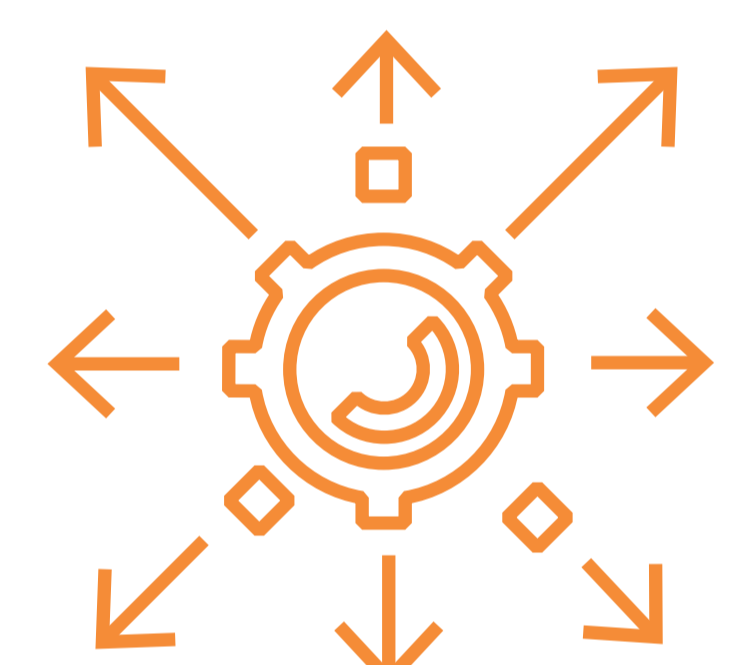Deliver interoperable and secure data asset management and governance techniques.

Develop fit-for-purpose data valuation and monetisation tools for data providers.
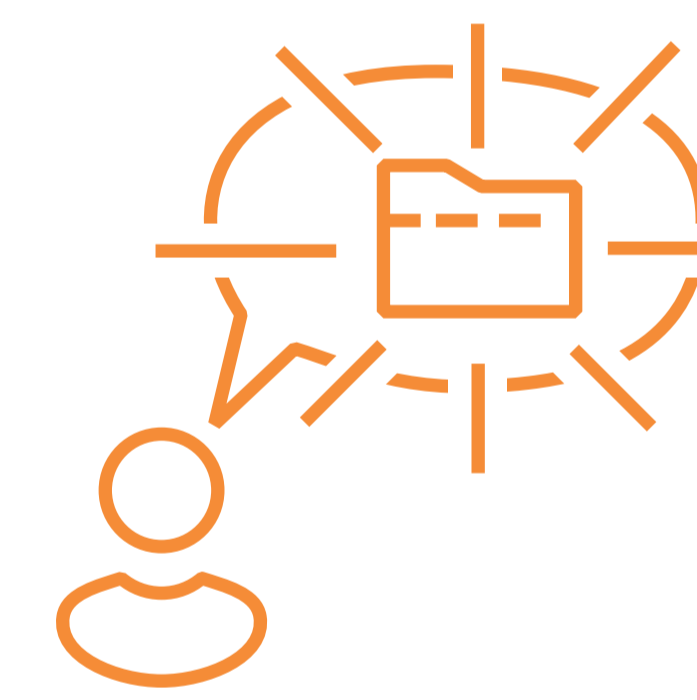
Integrate the PISTIS platform with software enabling trustful and reliable exchanges.

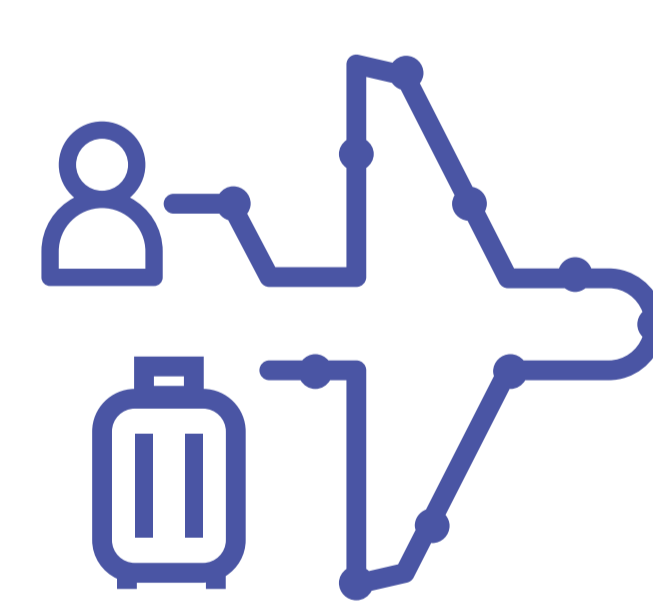Validate the PISTIS platform within a set of representative real-world scenarios.

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

Cultivate a data sharing mentality within organisations.
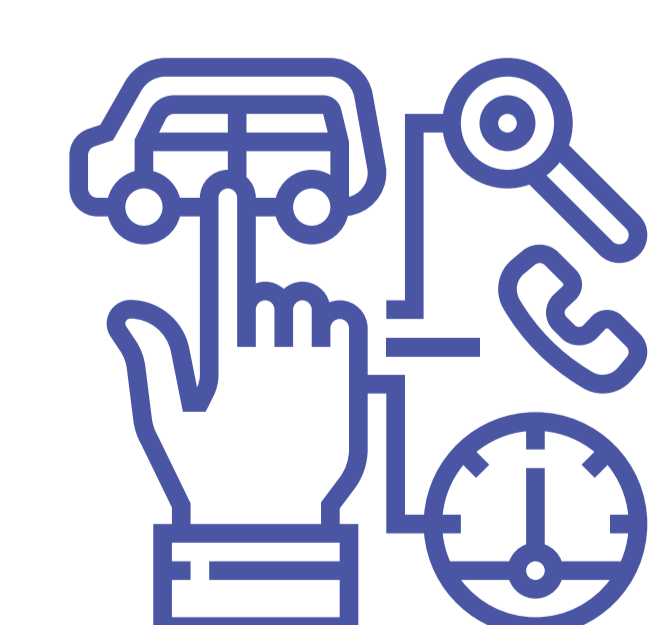
Demonstrators

Mobility and Urban Planning
To build an effective chain, centred around data trading, and sharing among stakeholders from various sectors, including aviation, public transportation, and public administration.

Energy
To provide a real environment for validating the operational benefits of data sharing, with a specific focus on the electrical distribution network, and how different actors can set more efficient and sustainable procedures.

Automotive
To promote environmental-friendly, safe, and efficient mobility and transport, directly supporting the European Green Deal.

Project website
www.pistis-project.eu

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Funded by
European Union

Consortium