PISTIS

Promoting and Incentivising Federated, Trusted, and Fair Sharing and Trading of Interoperable Data ASsets
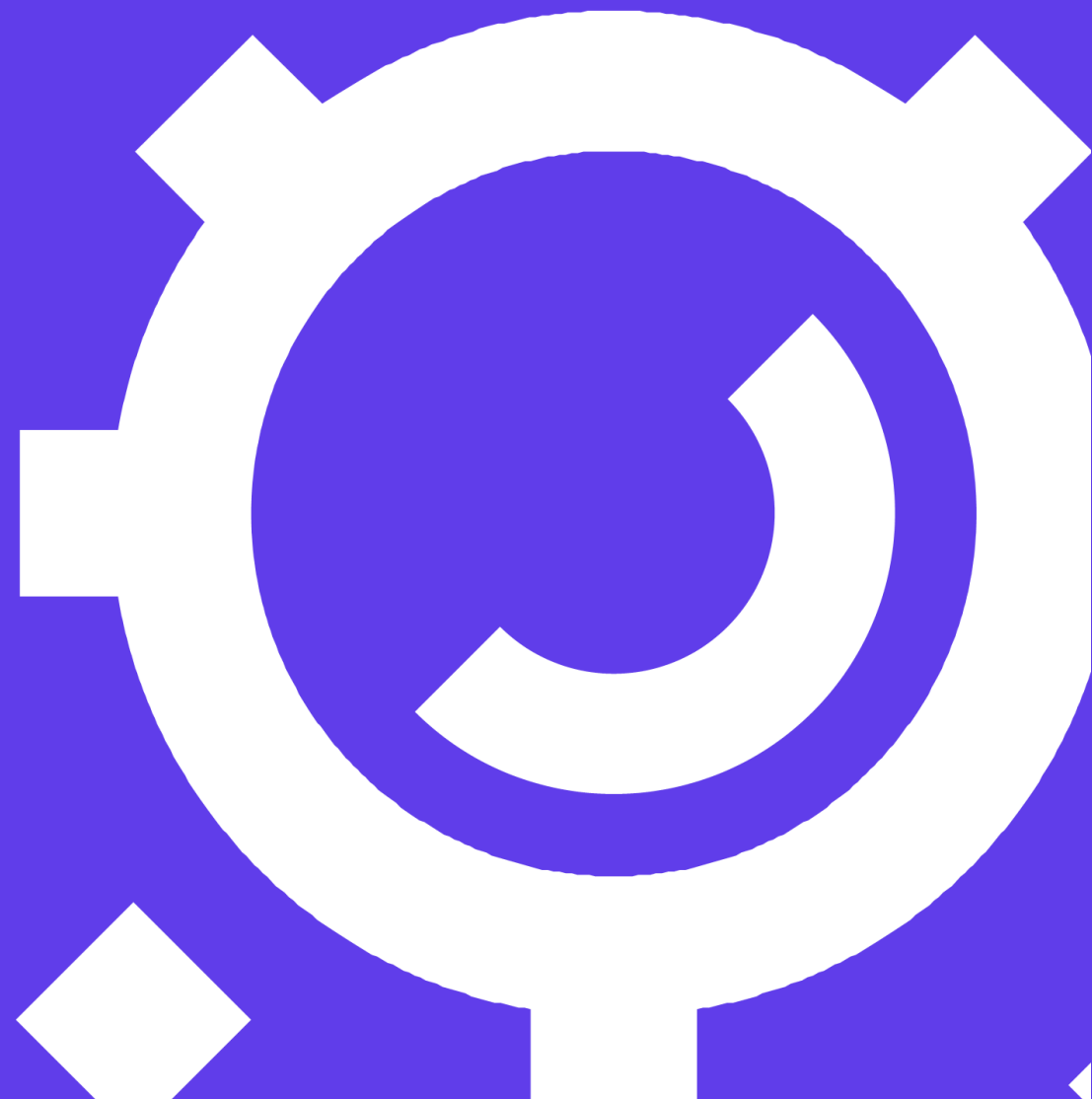
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PISTIS Project Basic Facts

| Start Date 01/01/2023 | 26+2+ 2UK Partners | Innovation Action |
| 42 Months | 10 Countries | 3+1 Demonstrators |

Research Practitioners
IMPERIAL, POLIMI, FHG, ATHENA, EURECAT, ICCS

Technology Providers
ATOS IT, ATOS ES, IDC, SUITE5, UBITECH, SPH, FHG, ASSEN, EURECAT

End users
UBIMET, UBIMET DE, OAG, AIA, GOLDAIR, DAEM, OASA, CUERVA, BAMBOO, OMIE, CARTIF, VIF, CARUSO, TRAF

Innovation accelerators
ASSENT, IMPERIAL, DSME, ALEGAL, DBL
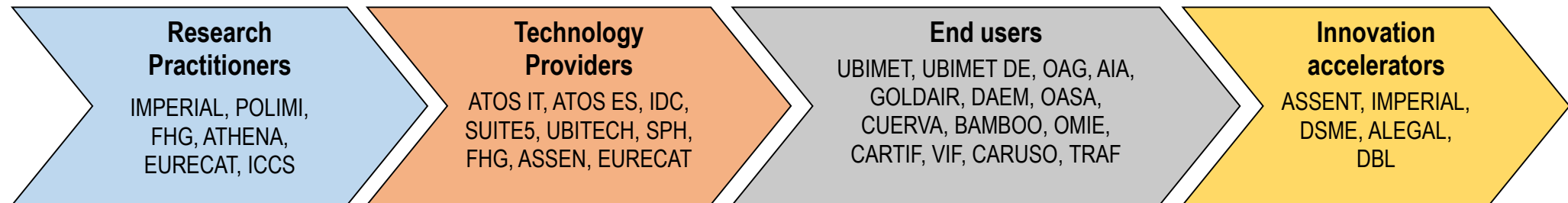
Topic: HORIZON-CL4-2022-DATA-01

PISTIS Aims

- Enable Organisations to **generate more value** from the data.

- Provide the **tools to allow organisations break their silos**, in a trusted, mutual benefiting manner, opening up new business opportunities

A <u>federated data trading and monetisation platform</u> for secure, trusted and controlled exchange and usage of data assets and data-driven intelligence (derivative data assets)

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PISTIS High Level Architecture
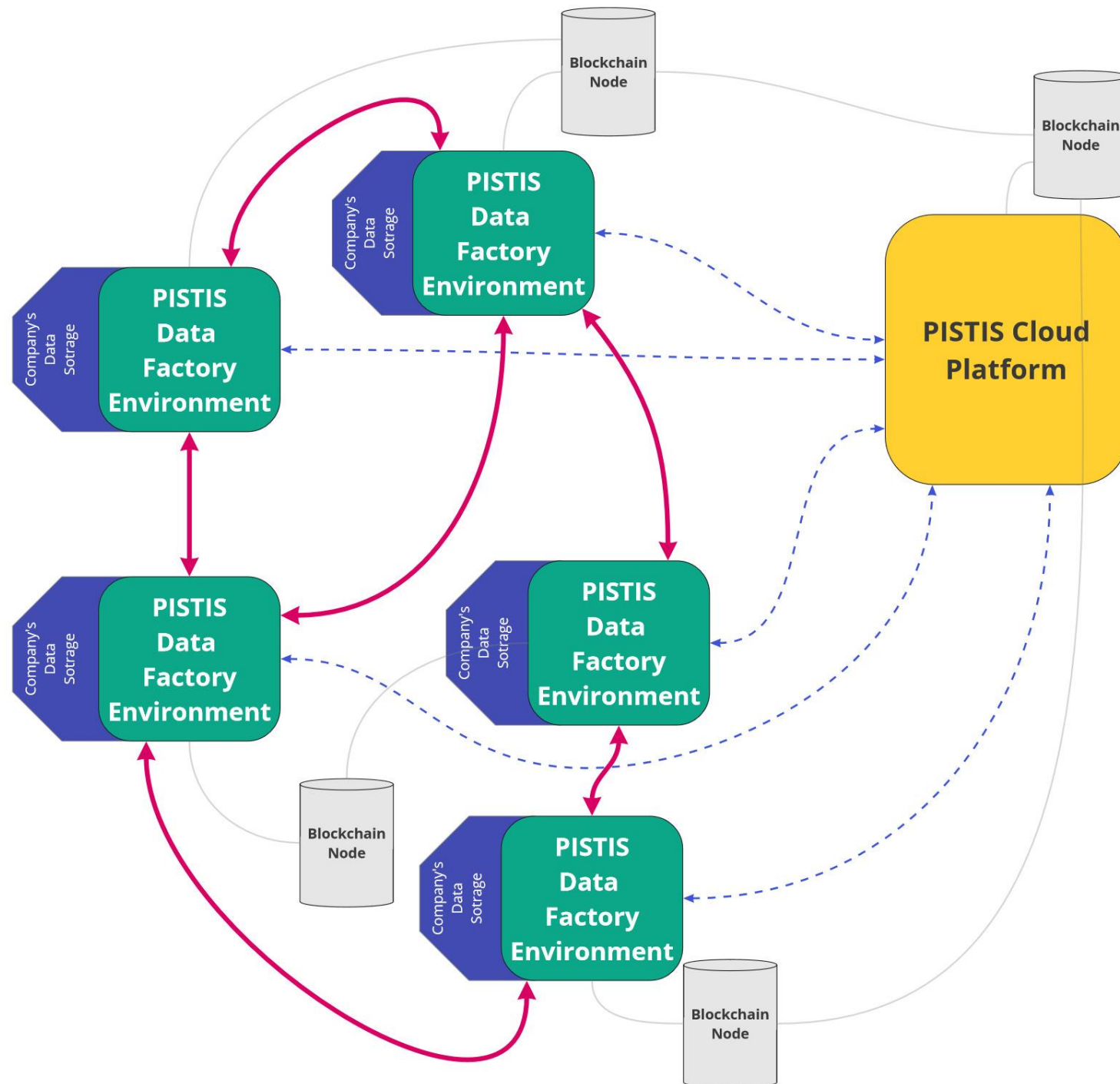
A federated architecture with a centralised platform and a blockchain infrastructure to enable, control and govern transactions. Offers:

- Increased Data Privacy
- Full Data Ownership Protection
- Trust in transaction flow
- Easy ecosystem expansion

PISTIS in a Nutshell – 4 Axes of Innovation

Federated Data Management, Interoperability & Governance

- Data Collection, Curation, Security and Control
- Syntactic, Semantic, Metadata Interoperability
- Data observability
- Data source certification mechanisms

Federated, Secure Data Sharing

- Secure peer-to-peer (encrypted/unencrypted) data transfer
- Data usage monitoring/tracking
- Multi-party contracts
- Contract Compliance/Enforcement

Data Valuation and Monetisation

- Articulate and recommend data value identifying data generation cost, probable income and market dimensions
- PISTIS conceptual StableCoin

Data Sharing Skills Cultivation

- Training material to educate stakeholders around data sharing
- Empower to understand their needs and gaps
- Massive Online Open Courses (MOOC)

PISTIS

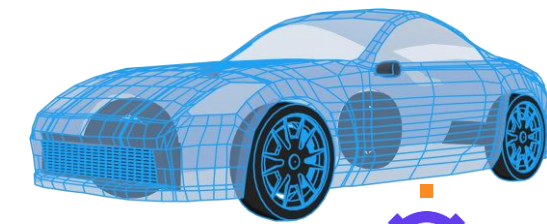# PISTIS Demonstrators
Building Data Economy Hubs

- **Demonstrator Hub #1: Mobility and Urban Planning Demonstrator Hub (**AIA, OAG, GOLDAIR, DAEM, OASA, UBIMET) - **Greece**

- **Demonstrator Hub #2: Energy Sector Demonstrator Hub** (CUERVA, BAMBOO, OMIE, CARTIF, UBIMET) **- Spain**

- **Demonstrator Hub #3: Automotive Sector Demonstrator Hub** (VIF, CARUSO, TRAF, UBIMET) – **Austria & Germany**

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THANKS FOR YOUR ATTENTION

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https://www.pistis-project.eu