datamite

DATA
Monetization,
Interoperability,
Trading &
Exchange.

THE CHALLENGE

Data accumulation per se is not enough if data has no value or cannot be valued - the capacity of companies to monetize data is connected to the trust and quality features of the data they use.

BARRIERS TO DATA MONETISATION

	Lack of HardWare (HW) Resources	Lack of Data Quality or Governance tools	Lack of tech skills	Lack of Data business skills	Lack of data sharing culture	Lack of Data sharing tools
BARRIERS						
SMES	HW Resources are usually a limitation	Cannot afford costly licenses, insufficient open tools	Limited tech personnel to be trained	Most of the times do not have a clear exploitation strategy	Sharing data is seen as a business risk or as unnecessary in general	Data sharing initiatives are very recent and sharing tools & connectors of data sovereignty tools are still in a very early stage. Tools need to be standardized and its use generalized.
LES	HW Resources are usually abundant, not limiting	Can afford licences but tools are too rigid or complex	Tech personnel to be trained			
PUBLIC ADMINS		Low needs covered with open source tools	Limited tech personnel to be trained	Do not usually have exploitation plans	Open data platforms, no business risk	
CONSEQUENCES	Data not stored or analysed. Cost of opportunity	Poor quality data, not trustable, not easy to use by business units. Leads of data decision gaps		Low monetization, deficient business plans	No trading: cost of opportunity Loss of potential collaborations	

DATAMITE helps EU companies to better govern and monetize data by delivering a modular open-source framework in the form of software modules, training and business materials for European companies.

INTERNAL LEVEL — QUALITY MANAGEMENT, FAIR PRINCIPLES, & TECHNICAL & BUSINESS ASPECTS

A collection of open-source modules easily integrated and customized to improve their data quality, enhance the trustworthiness.
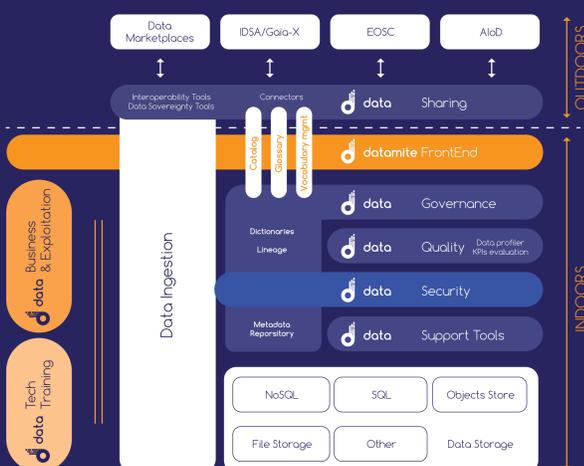
Providing business model strategies for Data Monetisation in EU companies (Strategy Profiles and KPIs) and training materials to upskill personnel.

EXTERNAL LEVEL — CONTROL OF THEIR DATA, NEW SOURCES OF REVENUE & INTERACTION WITH OTHER STAKEHOLDERS

A Data Sharing module including a collection of tools to share and trade data, focused on data interoperability and sovereignty.

WHAT ARE WE GOING TO DO

| Data Marketplaces | IDSA/Gaia-X | EOSC | AIoD | OUTDOORS |
Interoperability Tools / Data Sovereignty Tools — Connectors
data Sharing
datamite FrontEnd
data Governance
data Quality — Data profiler KPIs evaluation
data Security
data Support Tools
Catalog / Glossary / Access Management
Dictionaries / Lineage
Metadata Repository
Data Ingestion
Business & Exploitation
Tech Training
NoSQL | SQL | Objects Store
File Storage | Other | Data Storage
INDOORS

DATAMITE provides a collection of open-source modules for Data Governance, Quality and Security that can be easily integrated with existing systems. Furthermore, it includes a Data Sharing module to share and trade data aimed at different targets, including EU Portals, Data Markets, Data Spaces, Gaia-X, and other European initiatives.

USE CASES

3 USE CASES   **6** PILOTS

DATA EXCHANGE WITHIN LARGE CORPORATIONS

- CORPORATE MULTI-DOMAIN DATA EXCHANGE WITH EDIH SUPPORT
- CORPORATE MULTI-SITE DATA EXCHANGE

ENERGY DATA SPACES

- OFFERING DATA TO SERVICE PROVIDERS WITH DATASPACES
- LEVERAGING ELECTRICITY DISTRIBUTION OPEN DATA

INTERACTION WITH OTHER INITIATIVES

- CONNECTING EDWIN TO DATA MARKETS
- CONNECTING MISTRAL TO THE EU AI-ON-DEMAND PLATFORM

BENEFITS OF DATAMITE

Improved Data Quality
Elevate your data's quality and adherence to FAIR principles, making it more reliable.

Revenue Generation
Keep control of your data while opening doors to new revenue streams.

Support for SMEs
DATAMITE's architecture aids in onboarding small and low-tech businesses into the data economy.

Skill Enhancement
Learn the technical and business skills needed to boost your data resources.

Connect with Stakeholders
Expand your opportunities to interact with partners in data markets, data spaces, and more.

SCAN ME