

- ❖ **Distributed registry** of data and services that will be **stored on edge systems**, close to where the data is generated and **where the data** will be **cleaned, labelled, semantically annotated, validated and anonymized**, so that they can be **securely and profitably exchanged when needed**.
  - » Avoid centralized solutions
  - » Data lifecycle control
  - » AI-based enrichment on top of semantically annotated data
  - » Greener solution as context information does not leave its own context
  - » Data monetisation schemes

**Provide an intelligent secure  
decentralised data and service  
marketplace.**

# Key features and assets

Features and functionalities	Assets
<p><b>Marketplace</b></p> <p>Data/services publication Data/services discovery Value exchange</p>	<p><i>Agora</i> <i>Data Spaces (IDSA)</i></p>
<p><b>Intelligent</b></p> <p>Data interoperability Semantic annotation (metadata) AI-based data enrichment (quality, linkage, augmentation) Energy efficiency Added-value as a Service</p>	<p><i>NGSI-LD</i> <i>FIESTA-IoT, Smart Data Models</i> <i>AI-based data analytics</i></p>
<p><b>Decentralised</b></p> <p>Distributed storage Federated repositories Edge access Distributed/decentralised AI</p>	<p><i>FUSE</i> <i>Stellio (NGSI-LD Broker)</i></p>
<p><b>Secure</b></p> <p>Identities (provenance, reputation) Data exchange Trustworthiness (access control, usage control, logging) Data storage</p>	<p><i>IOTA toolbox</i></p>

# THANKS FOR YOUR ATTENTION



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**Atos**

**SIEMENS**

