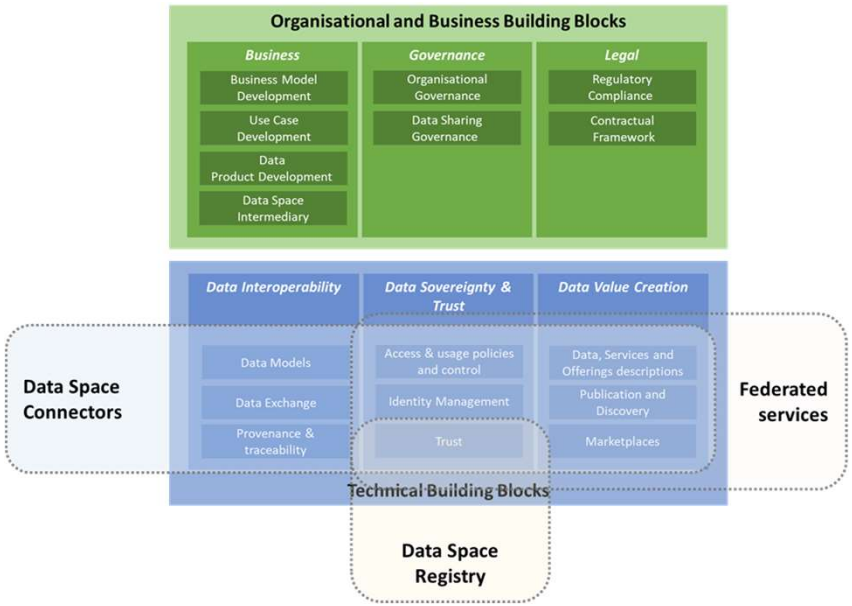
European Language Data Space (LDS)
D. Galanis – “Athena” Research Center

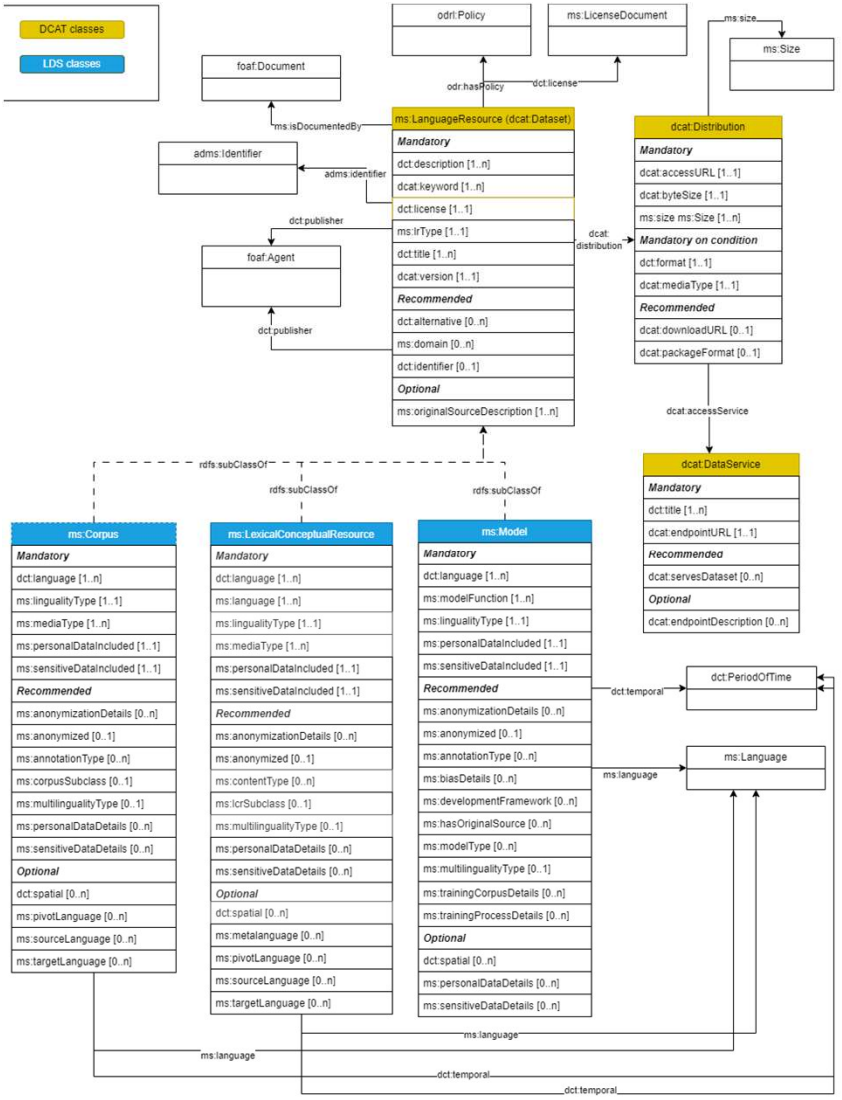
The European Language Data Space

- A **secure and trustworthy infrastructure** where you can **share and monetise** your data, keeping **full control** over it and in full compliance with EU rules and regulations

- Your data resides in your own infrastructure
- You can connect to LDS on top of your infrastructure

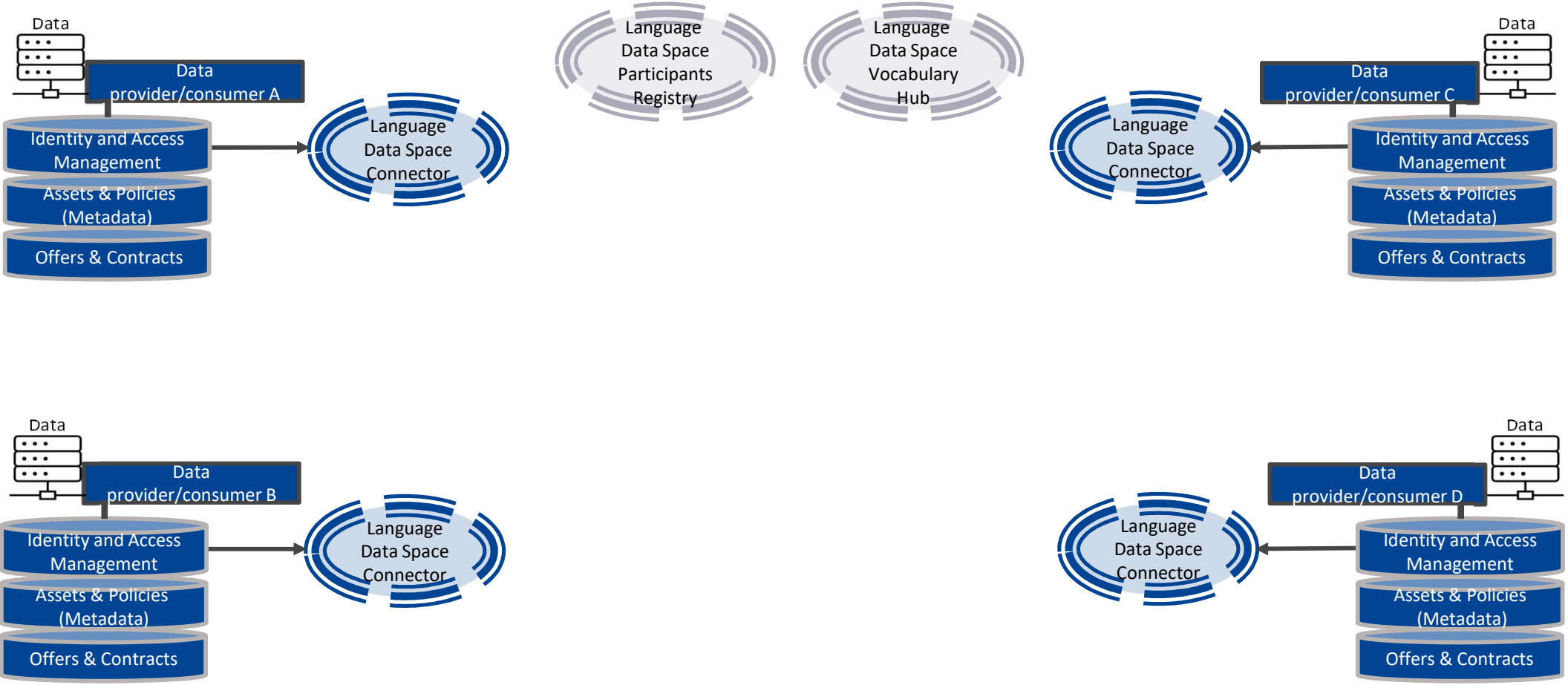
- How?
  - By joining the LDS
  - And install and operating the LDS components





Build on Existing Solutions

- Following DSSC
- Dataspace Protocol specification
- Eclipse Data Space Components (EDC)
- DCAT-AP, Language DCAT-AP, ODRL
  - **Mappers from existing platforms**


Data
Data provider/consumer A
Identity and Access Management
Assets & Policies (Metadata)
Offers & Contracts
Language Data Space Connector
Language Data Space Participants Registry
Language Data Space Vocabulary Hub
Data
Data provider/consumer C
Language Data Space Connector
Identity and Access Management
Assets & Policies (Metadata)
Offers & Contracts
Data
Data provider/consumer B
Identity and Access Management
Assets & Policies (Metadata)
Offers & Contracts
Language Data Space Connector
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Language Data Space Connector
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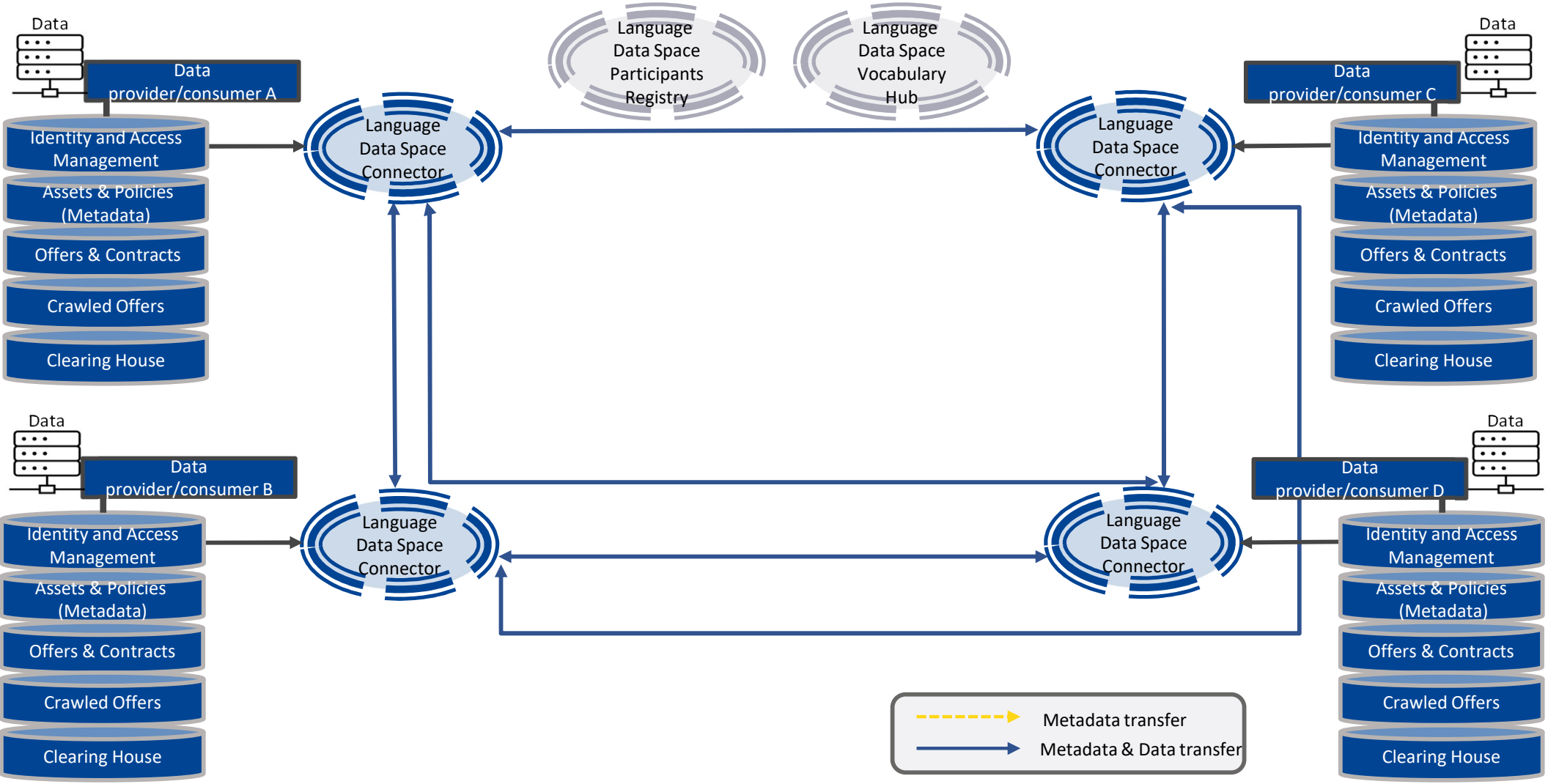
Assets & Policies (Metadata)
Offers & Contracts


Data
Data provider/consumer A
Identity and Access Management
Assets & Policies (Metadata)
Offers & Contracts
Crawled Offers
Clearing House
Language Data Space Connector
Language Data Space Participants Registry
Language Data Space Vocabulary Hub
Language Data Space Connector
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Clearing House
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Language Data Space Connector
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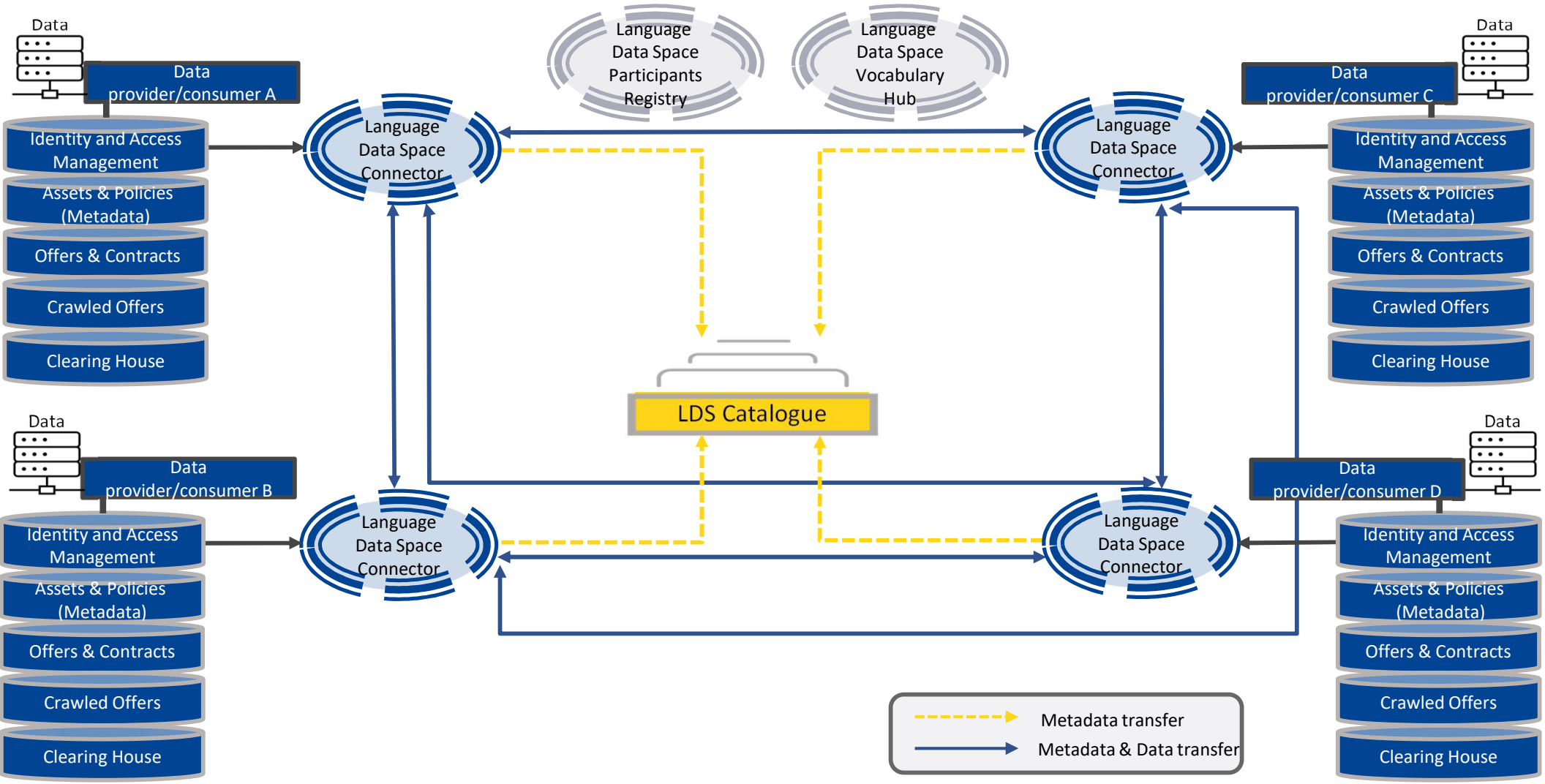
Offers & Contracts
Crawled Offers
Clearing House
Metadata transfer
Metadata & Data transfer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Offers & Contracts
Crawled Offers
Clearing House
Language Data Space Participants Registry
Language Data Space Vocabulary Hub
Language Data Space Connector
Language Data Space Connector
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Offers & Contracts
Crawled Offers
Clearing House
LDS Catalogue
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Offers & Contracts
Crawled Offers
Clearing House
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Language Data Space Connector
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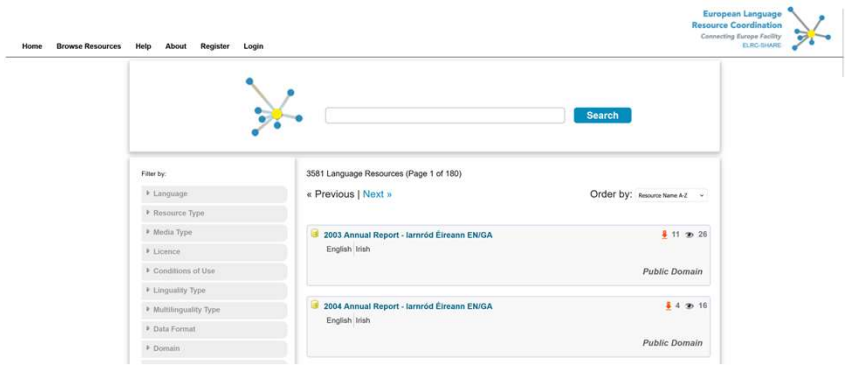

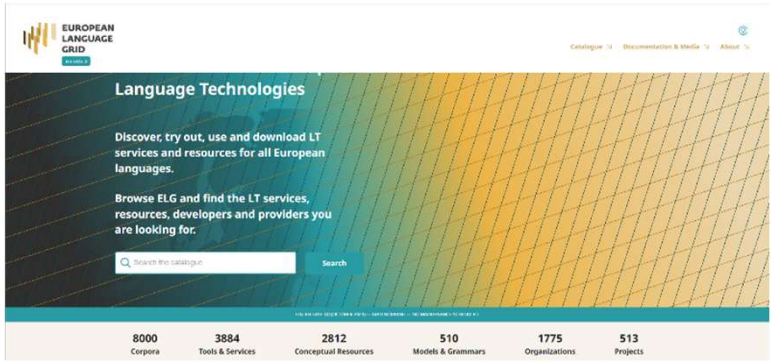

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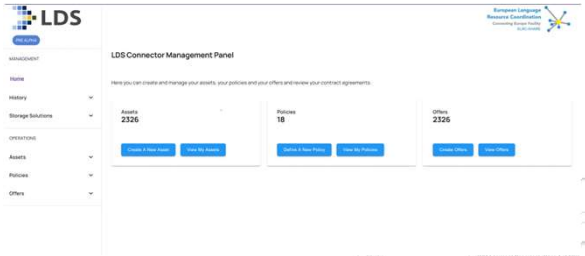
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LDS Connector Management Panel
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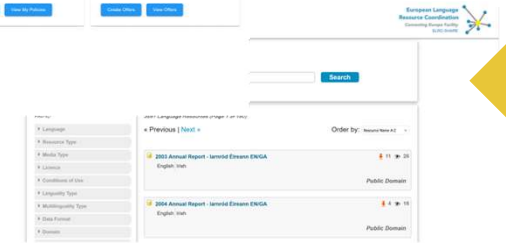
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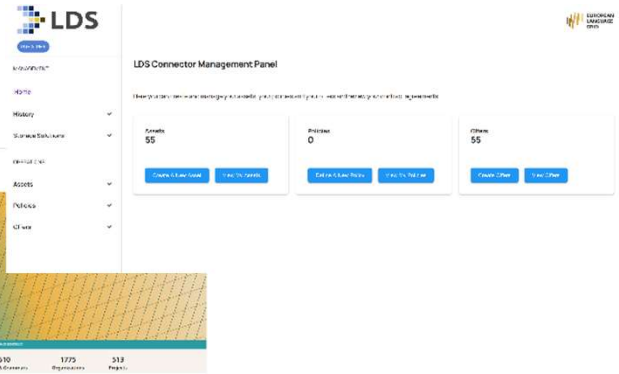
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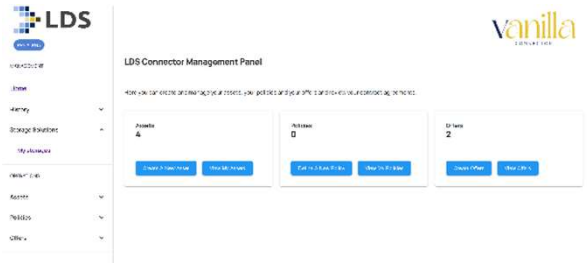
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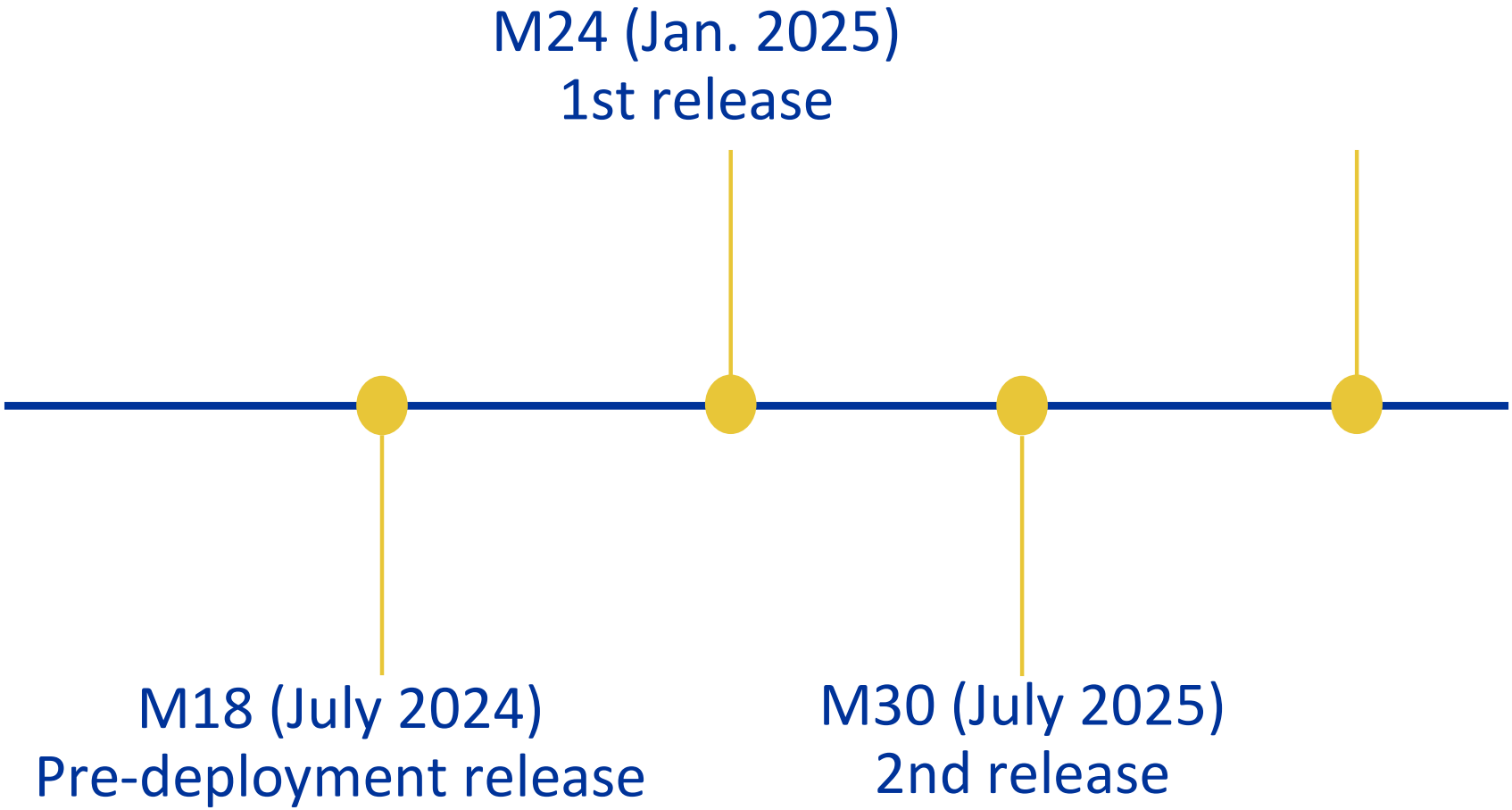
M24 (Jan. 2025)
1st release
M18 (July 2024)
Pre-deployment release
M30 (July 2025)
2nd release