

Prêt-à-LLOD



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HORIZON 2020¹

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Pret-a-LLOD Project Goals

Provide European research and language technology industry with **better access to quality language resources and tools using Linguistic Linked Open Data (LLOD)**

Increase in **uptake of language technologies** in Europe across sectors

Cost savings for private and public sector users of language technology

Increase **quality and coverage of multilingual solutions** used by industrial players in sectors relevant to the Digital Single Market



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linking data to knowledge



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Objective 1 - Multilingual Data (Resource) Access

Data discovery and aggregation across multiple sources

License discovery and use across complex pipelines



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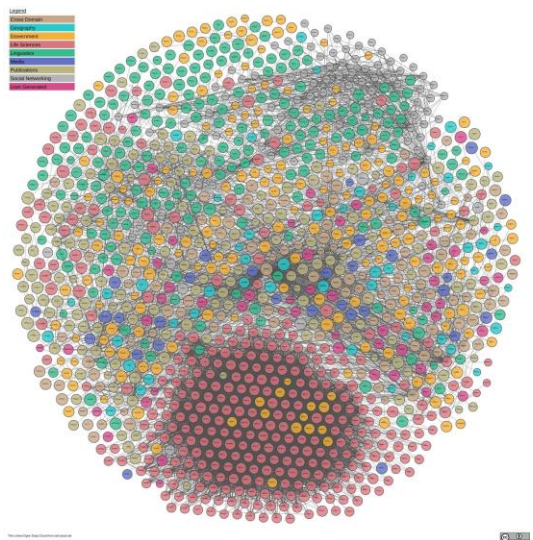
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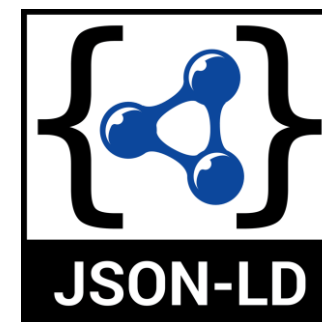
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Objective 2 - Interoperable Language Technology



Linked Open Data

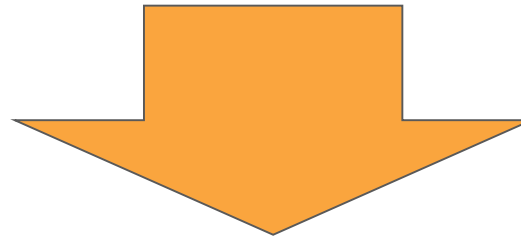


European Language Grid

Objective 3 - Resource & Technology Sustainability

Services as Data

Data as Services



Licensing

Long-term
archiving

Minority
Languages



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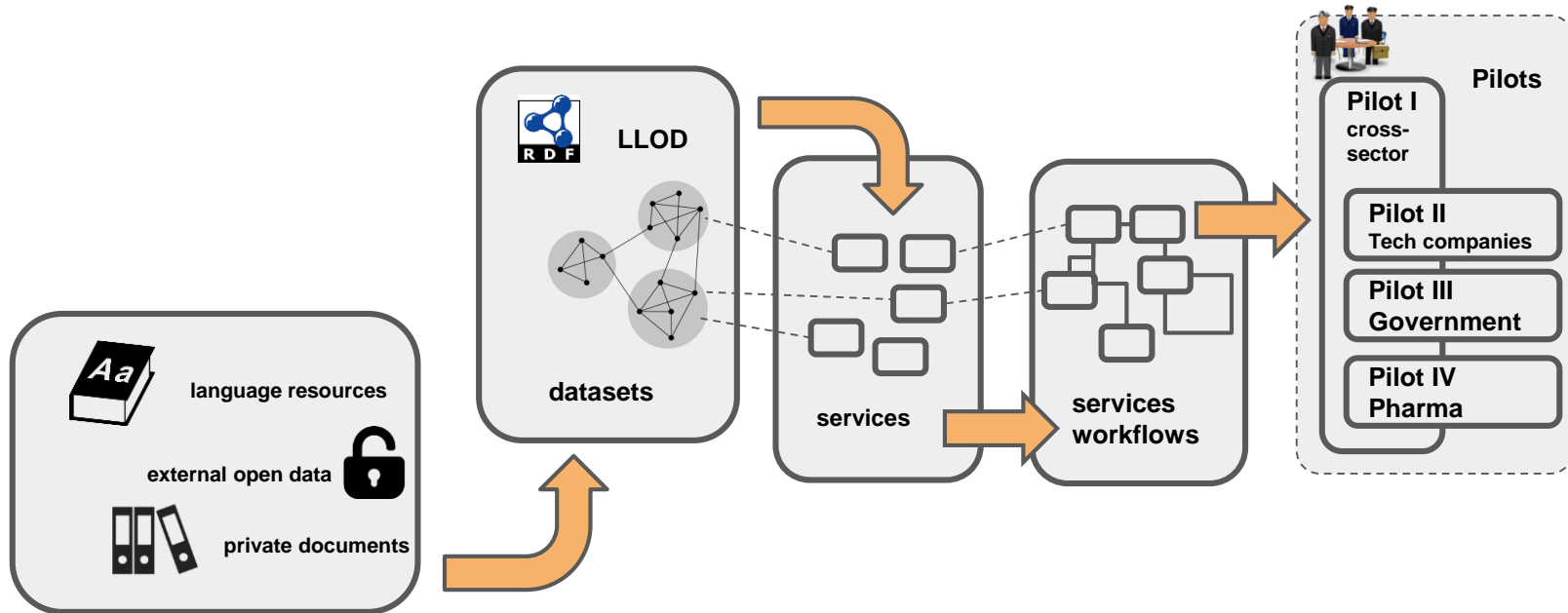
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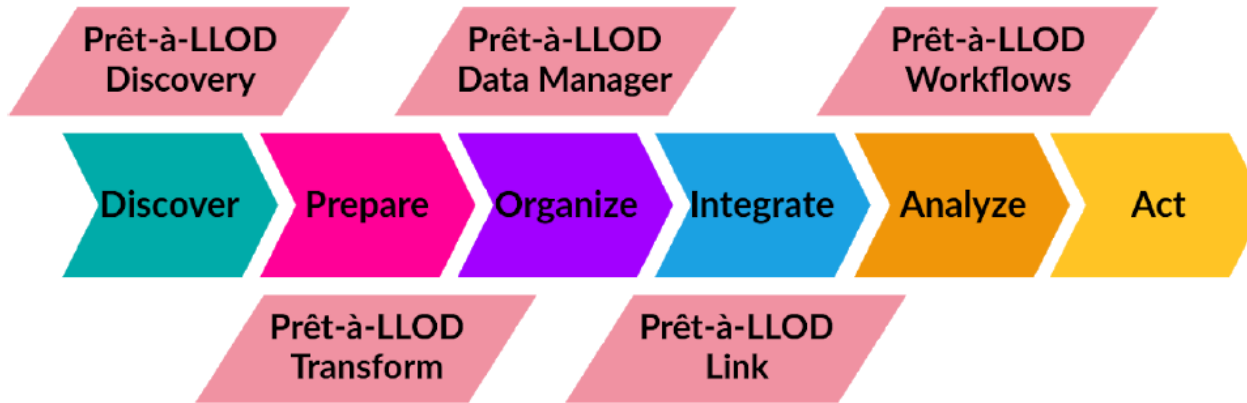
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Methodology



Methodology



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Pilots

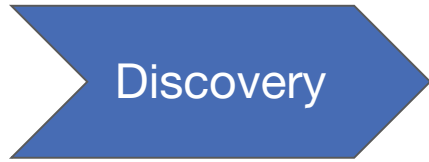
I: **Multilingual Knowledge Graphs** for knowledge management applications across sectors

II: **Linking Lexical Knowledge** to facilitate rapid development of lexicographic resources for technology companies

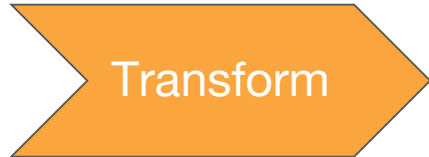
III: Supporting development of **Cross-Border Public Services** in open government

IV: **Multilingual Text Analytics** for extracting real-world evidence in the pharma sector

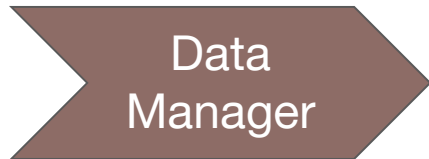
Tools



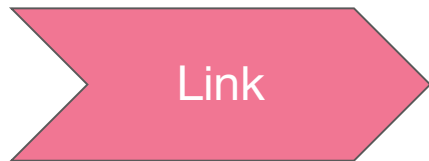
Search and discovery of datasets



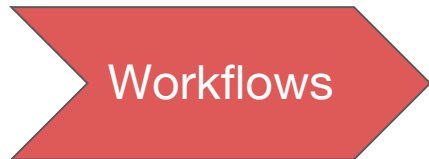
Transformation of non-RDF sources to RDF standards



Smart contracts for composing licenses



Semi-automatic linking of datasets



Workflows for portable and scalable technologies using containerization



Outcomes

Prêt-à-LLOD ecosystem

Faster development of **domain-specific language resources**

Contributions to **standardisation** on interoperable language technologies

New models for **validity, maintainability and licensing of language resources**

LLOD-aware modules developed for use cases and pilots

New **business models** for LLOD publishing and consumption (data market)



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