



Svetla Boytcheva, Ontotext



The European Language Grid has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement № 825627 (ELG).



Sirma AI (Ontotext)

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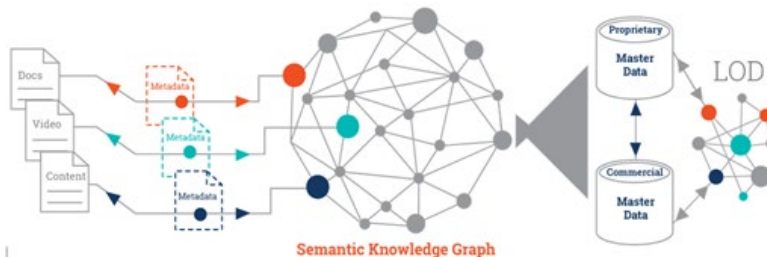
<https://www.ontotext.com/>

Ontotext

Products

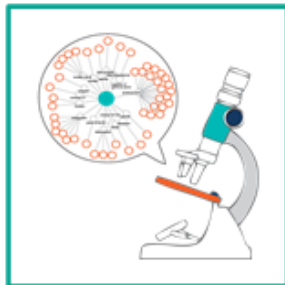
 GraphDB

 ontotext platform



Sectors

Life Science & Healthcare



Food & Agriculture



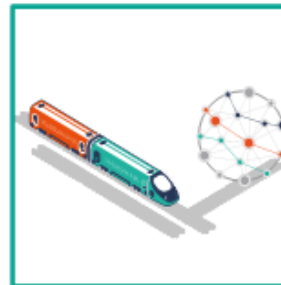
Financial Services



Media & Publishing



Transport & Logistics



Industry



ExaMode
AI4EU (CODE)

Big Data
Graphs
TheFSM
The Food Safety Market

euBusinessGraph
INNORATE

WeVerify

planet

Manufacturing;
Automotive; Energy;
Building Automation;
Infrastructure; Aerospace

Projects

 ontotext

Semantic technology vendor established year 2000

Innovator

Profitable and growing

Trendsetter

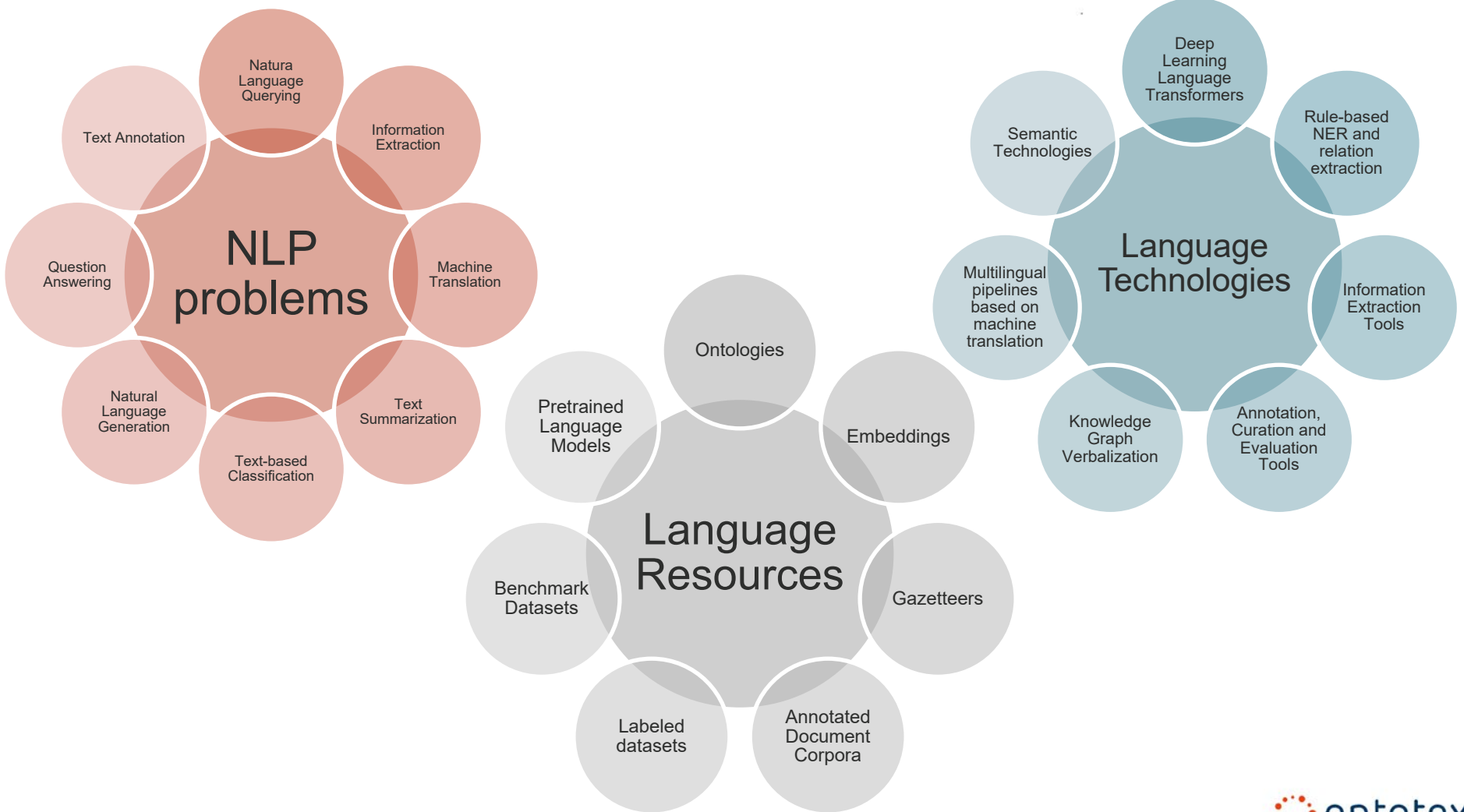
Member of: W3C, EDMC, ODI, LDBC, STI, DBPedia Foundation, Pistoia Alliance

Leader

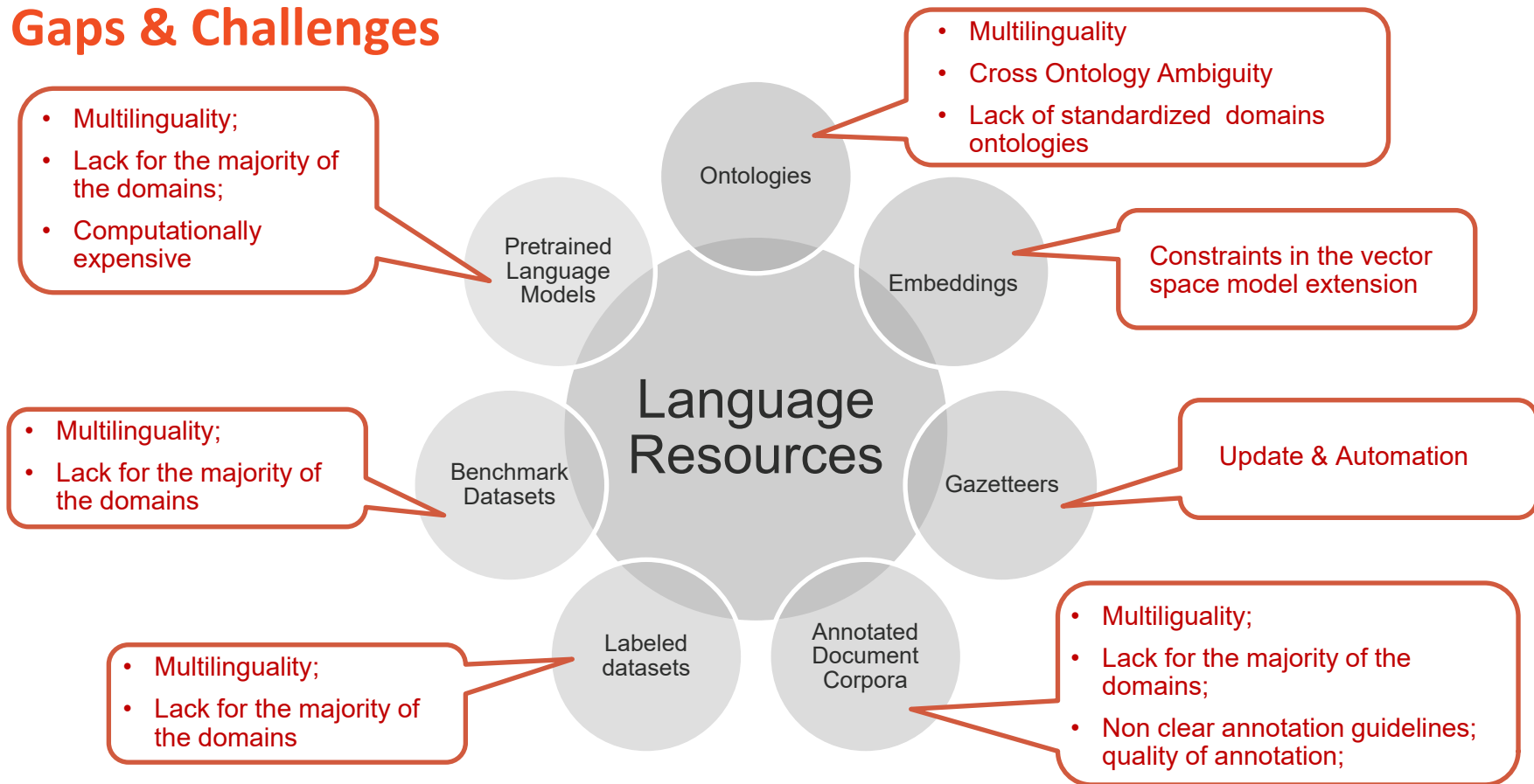
Part of Sirma Group: 400 persons, listed at Sofia Stock Exchange

More than 70% of the commercial revenues from London and New York

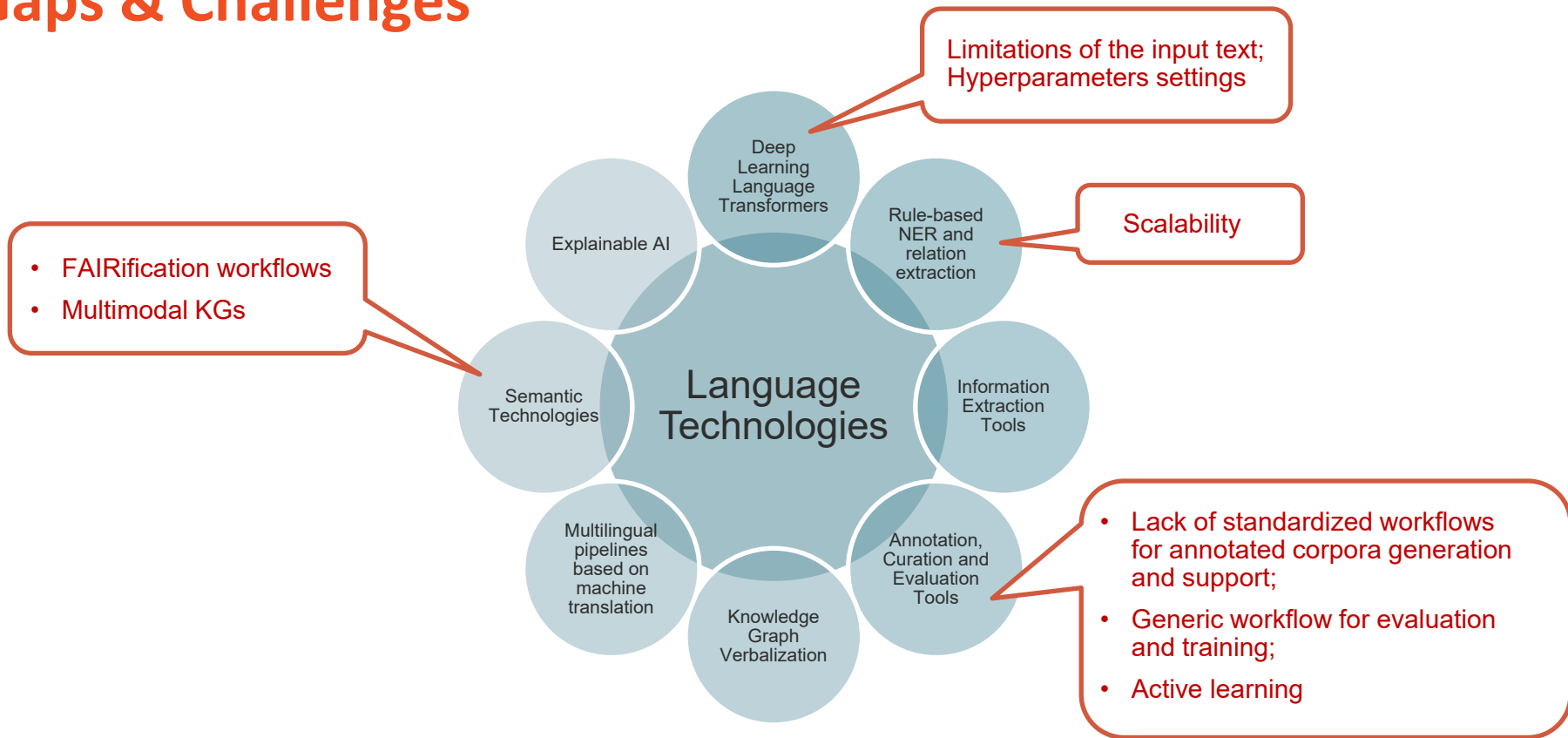
Attracted €15M in innovation funding so far



Gaps & Challenges



Gaps & Challenges



Desired features and tools



Integration and interplay of different NLP approaches and technologies via the Ontotext Platform



Prepackage technological offering for application of NLP tasks



Standardized workflows to facilitate the tasks for active learning, machine learning evaluation and retraining and development of relevant tooling.



Generic (out-of-the-box) information extraction for particular use cases

Projects & Language Coverage



- Information Extraction – NER & Relation Extraction
- ExaMode Ontology
- Text-based classification;
- Deep Learning Language Transformers (BERT family)
- Machine Translation
- Multimodal KGs



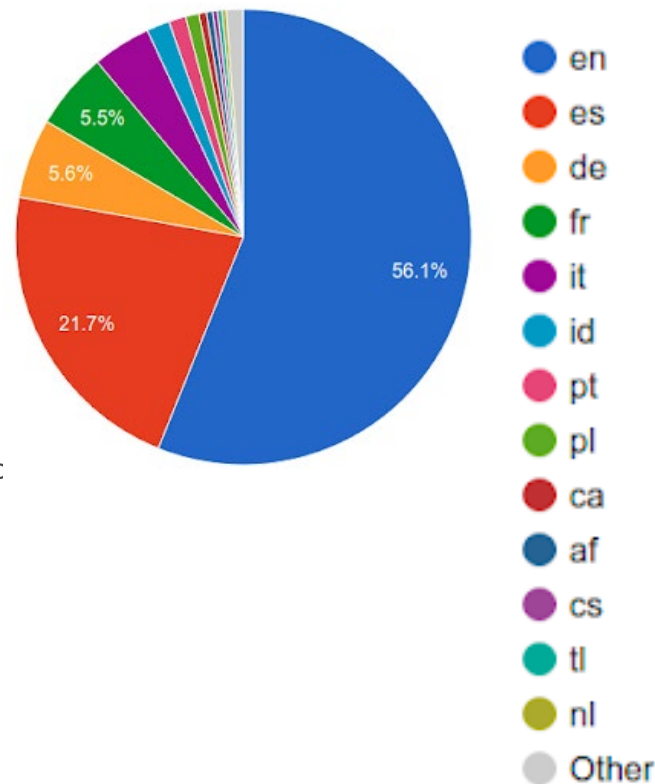
- Text-based classification;
- Deep Learning Language Transformers (BERT family)

Spanish



- Information Extraction – NER & Relation Extractic
- Machine Translation
- Multimodal KGs
- Fact Checking
- Content search and enrichment

<https://weverify.eu/>



English, Italian, Dutch

<https://www.examode.eu/>



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 825292.



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Relation to Initiatives and Projects



The European Language Equality Project has received funding from the European Union under the grant agreement № LC-01641480 – 101018166 (ELE).

<https://european-language-equality.eu/>

WP2: The Future Situation in 2030

- Work regarding the perspective of European language technology developers as well as the analysis of science, technology and society in the context of language technology in 2030

WP3: Development of the Strategic Agenda and Roadmap

- This includes evidence-based strategic research agenda and a roadmap (actions, processes, tools and actors) to prevent the digital extinction and full equality of all European languages through the effective use of language technology by 2030.

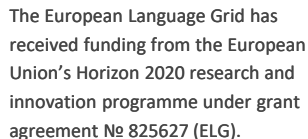


EUROPEAN LANGUAGE GRID



The European Language Grid has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement № 825627 (ELG).

- ✓ Networking with a community that includes leading Research & Industrial organizations developing LT in Europe
- ✓ Access to ELG Platform that provides information about datasets collections, language models, corpora, tools, components, etc.
- ✓ Dissemination and communication about the latest developments in the area at the various events organized by ELG



November 15-17 2021 META-FORUM 2021

<http://www.european-language-grid.eu>

META  FORUM 2021

Contact us:



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Thank you!



S M O O T H D A T A I N T E G R A T I O N

See some of the Ontotext demos

NOW: <http://now.ontotext.com/#/>

FactForge: <http://factforge.net/>

Linked Life Data: <http://linkedlifedata.com/>

Learn more about Ontotext products

GraphDB: <https://www.ontotext.com/products/graphdb/>

Ontotext Platform: <https://www.ontotext.com/products/ontotext-platform/>