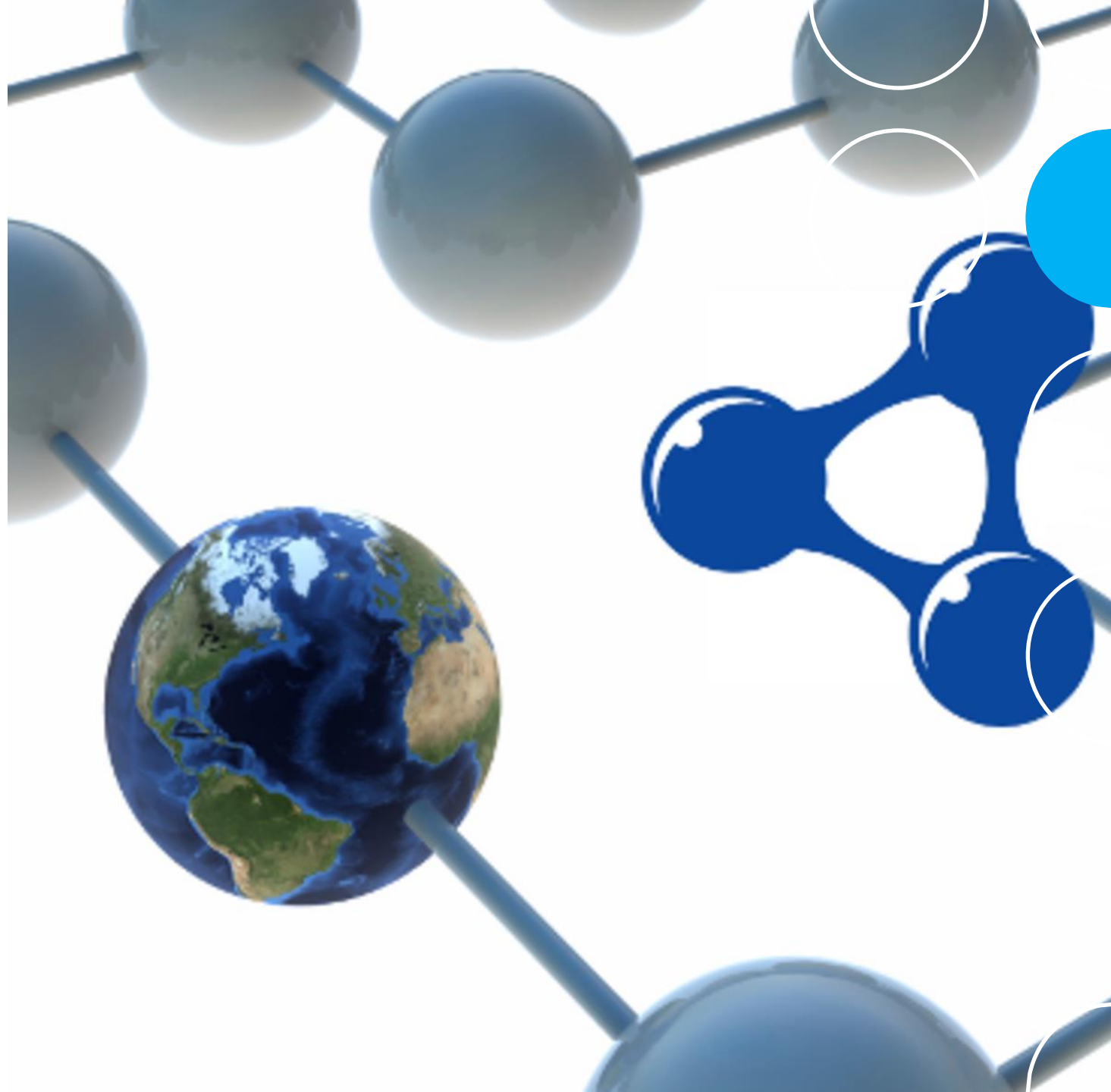


Semantic Web and Linked Data

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Class 2: Learning Objectives

- Answer to the question “When is the Semantic Web actually going to happen?”
 - Know and explore available demos of websites using semantic web and link data approaches;
 - Understand RDF principles and how to provide useful RDF information;
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Group exercise

- 4 groups; 1 topic per group
 - 20 mins to read and discuss the topic:
 - **Individually:** read the provided links and search for additional information on the topic; try to give preliminar answers to the questions bellow (10 mins);
 - **In group:** discuss with each other the individual and additional information found. Answer and prepare together the following questions (10mins):
 - Context and motivation;
 - Semantic Web Technologies used;
 - Key Benefits of Using Semantic Web Technology;
 - If possible, a short demo.
 - 10 mins to prepare a demo and presentation;
 - 7 minutes to present your topic/demo to the class
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The BBC Website

- www.bbc.com
 - <https://www.w3.org/2001/sw/sweo/public/UseCases/BBC/>
 - <https://www.youtube.com/watch?v=gFbp7Mpzmzs> (50 mins!)
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DBpedia

<http://dbpedia.org>

<http://dbpedia.org/resource/Paris>

Open Calais: From natural language to linked data

- Intelligent Tagging
 - <https://www.refinitiv.com/en/products/intelligent-tagging-text-analytics>
 - <https://developers.refinitiv.com/en/api-catalog/open-perm-id/intelligent-tagging-restful-api>
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European Data Portal

- <https://dataeuropa.gitlab.io/data-provider-manual/>
 - <https://data.europa.eu/en>
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