



ICDE Lillehammer

Lifelong Learning Summit

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On-demand training in a professional environment from a repository of OER

Jean-Marc Meunier

Laboratory Paragraphe, University Paris 8


Problematic issues



Structure of
knowledge : a key
point in
competencies
development

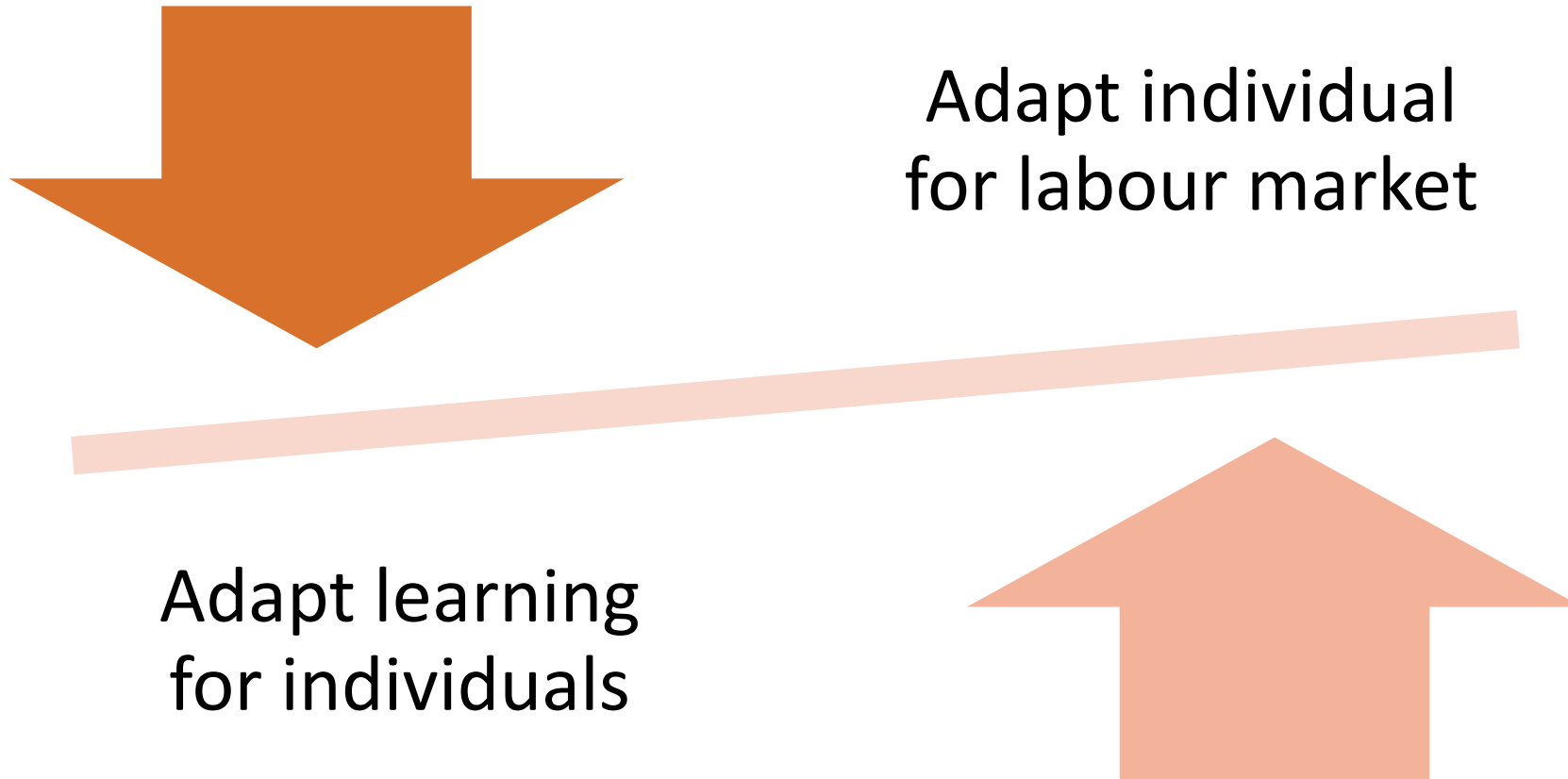


Can we infer a
description in terms of
competencies ?

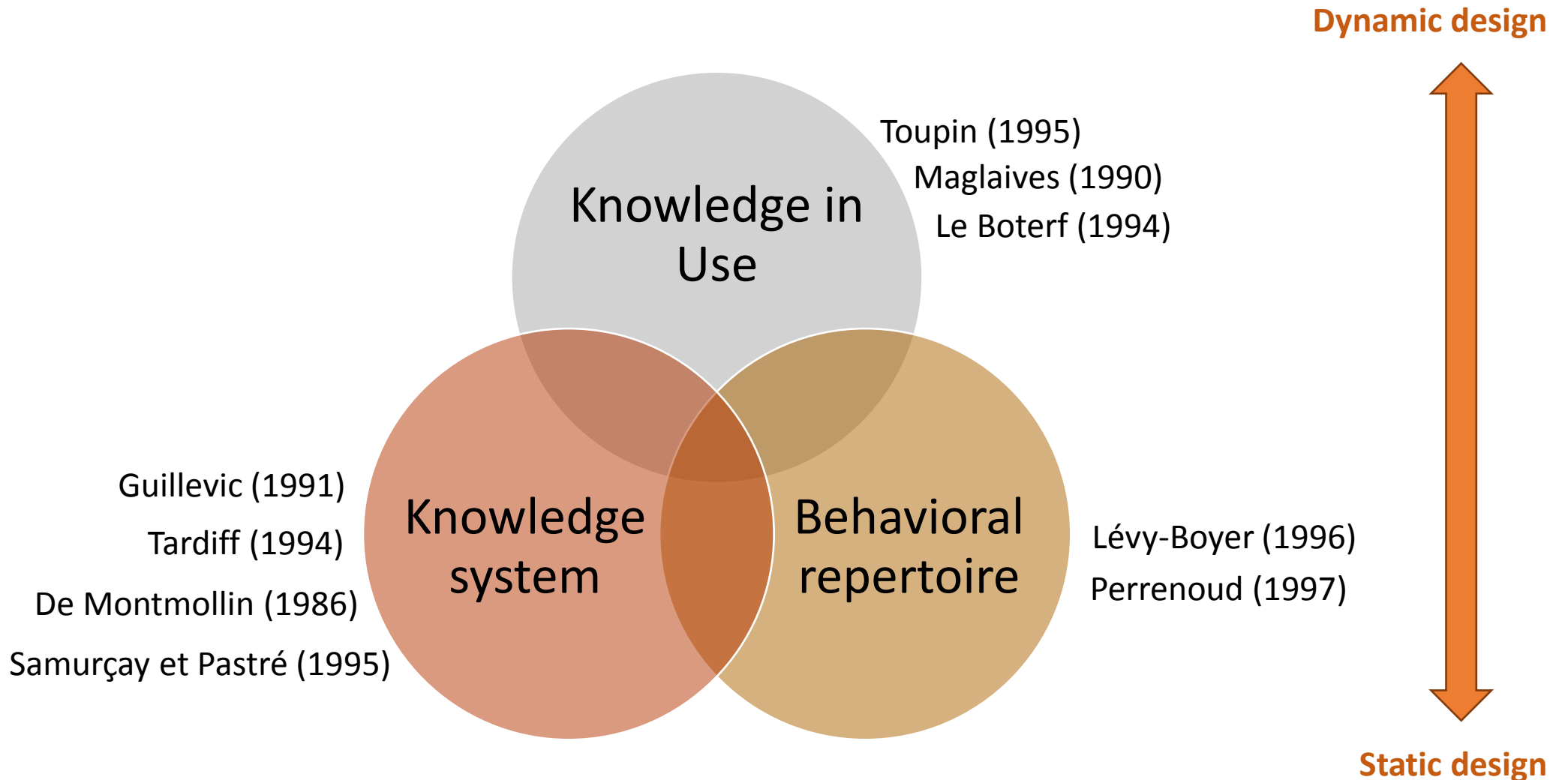


We can formally
describe it with a
domain ontology

The dual face of the notion of competency



Three ways to define the competence



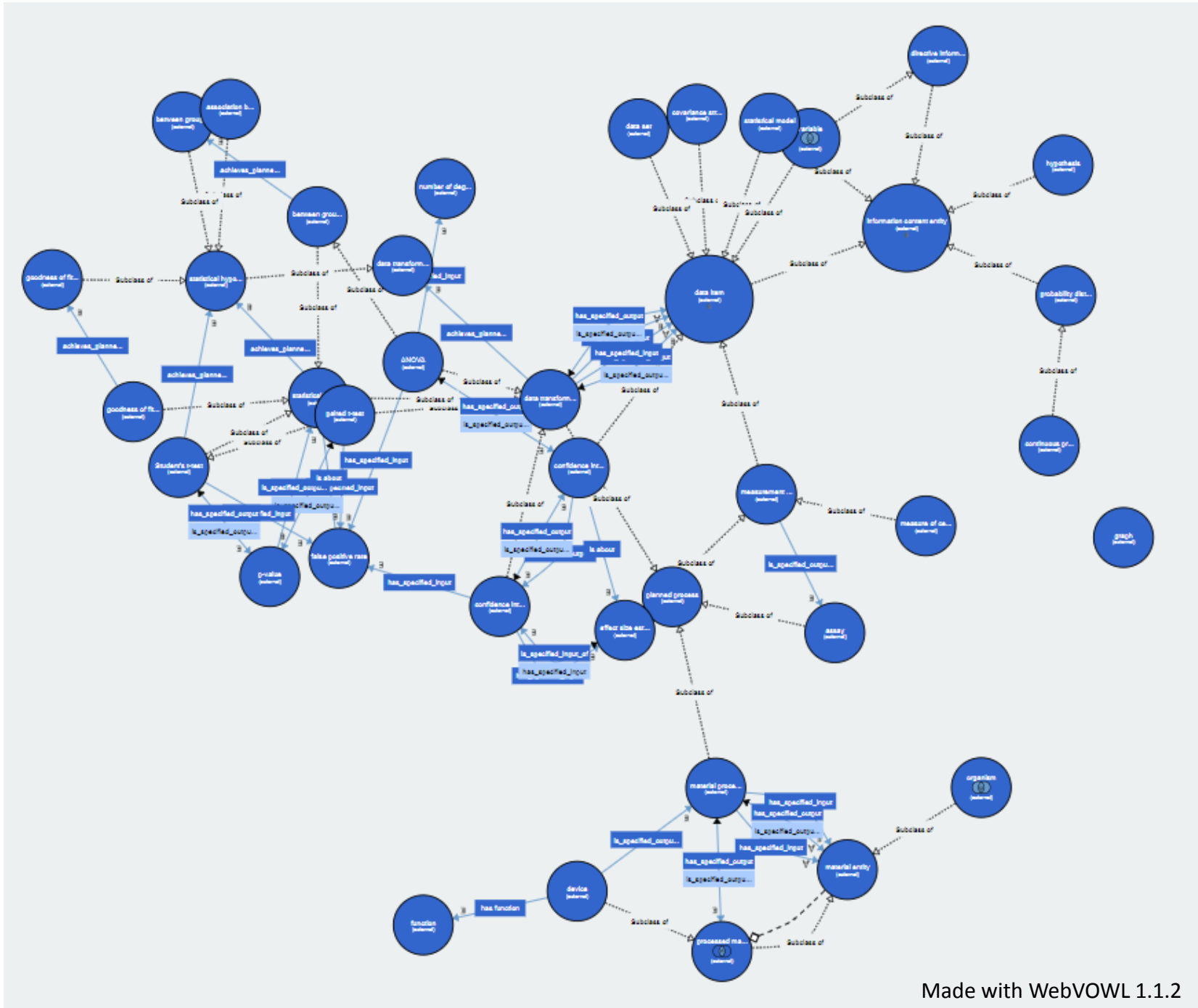


An ontology as a common language between experts of statistics, computer scientists, psychologists and digital archivists

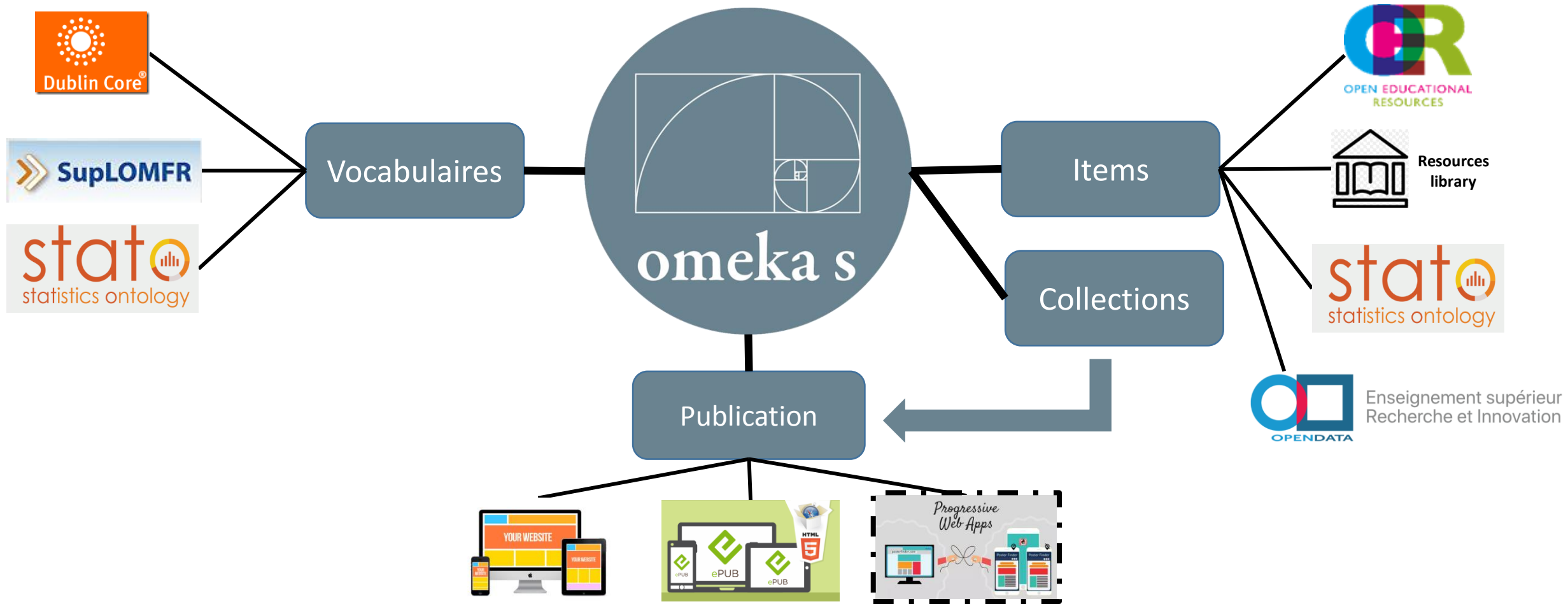
<http://stato-ontology.org/> (Gonzalez & al,2014)

- Number of classes : 678
- Number of individuals : 13
- Number of properties : 53
- Maximum depth : 14

<http://purl.bioontology.org/ontology/STATO>



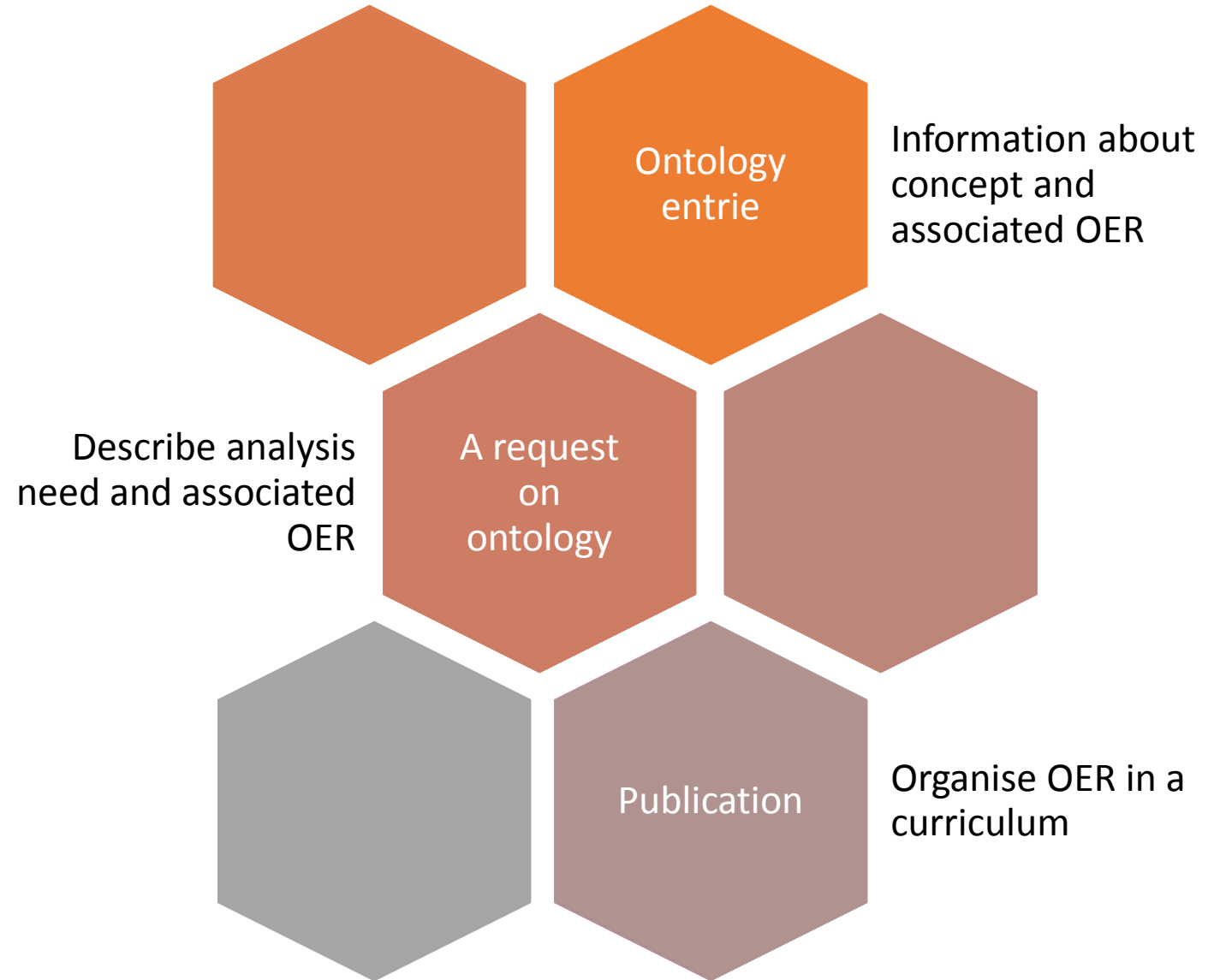
Instrumentalisation of STATO



<https://demo.sempiternelia.com/ontostats/s/consulter-les-ressources/page/Accueil>

Conclusion and some examples

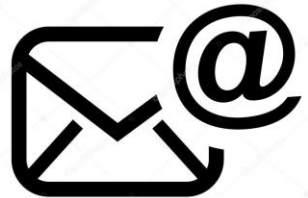
- Competencies description based on an ontology
- Ontology entries as educational resources
- A way for on-demand training and adaptive learning



Takk for din oppmerksomhet

Merci pour votre attention

Thanks for your attention



jmeunier@univ-paris8.fr

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