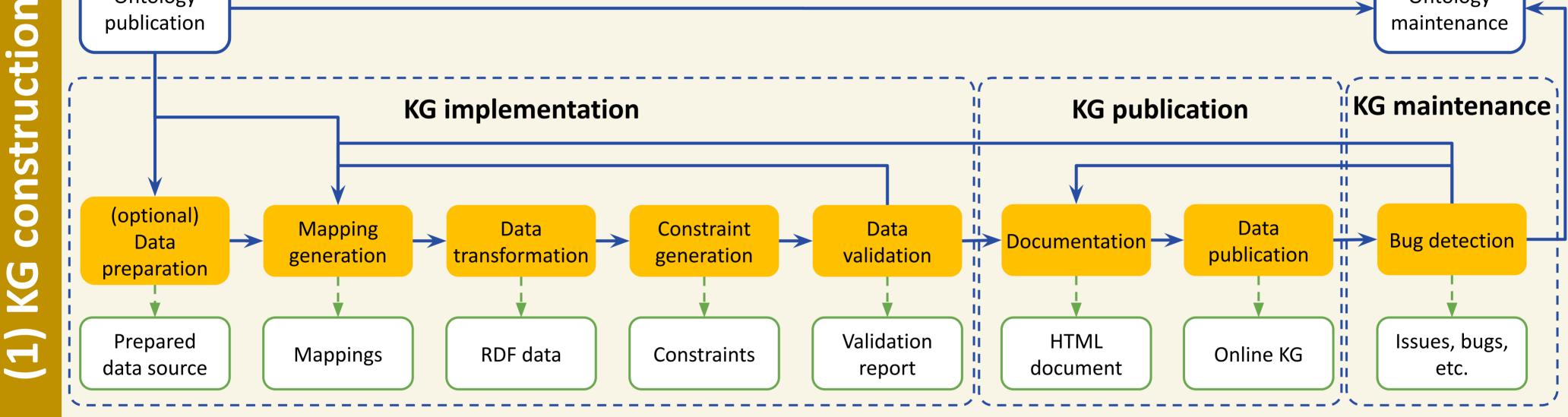# When Ontologies met Knowledge Graphs: Tale of a Methodology
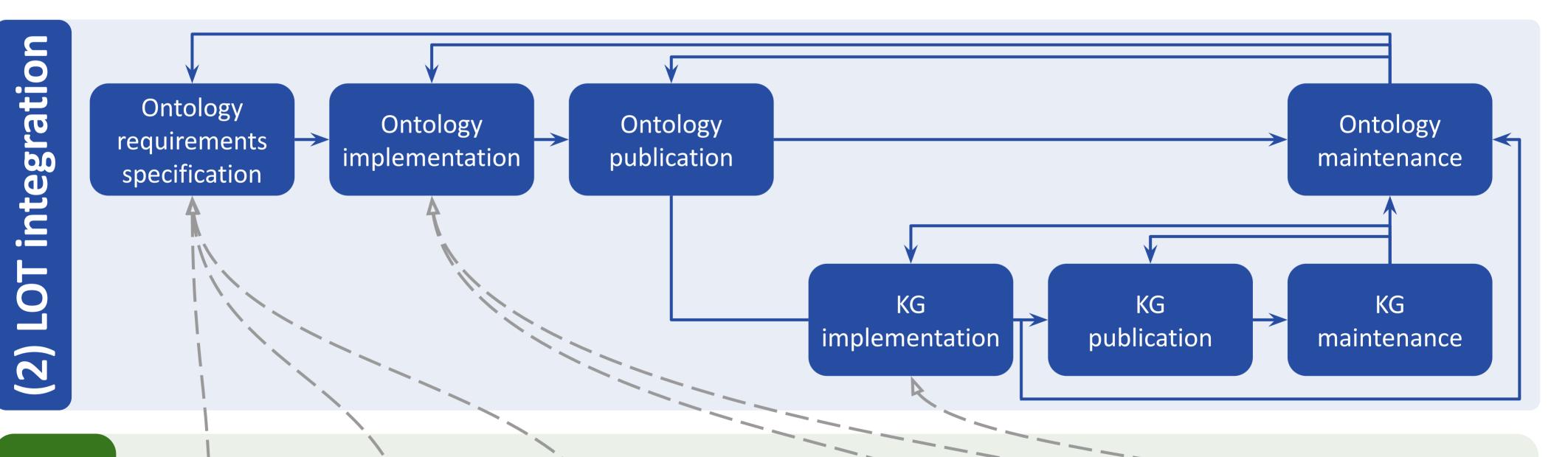
Romana Pernisch, María Poveda-Villalón, Diego Conde-Herreros, David Chaves-Fraga, Lise Stork
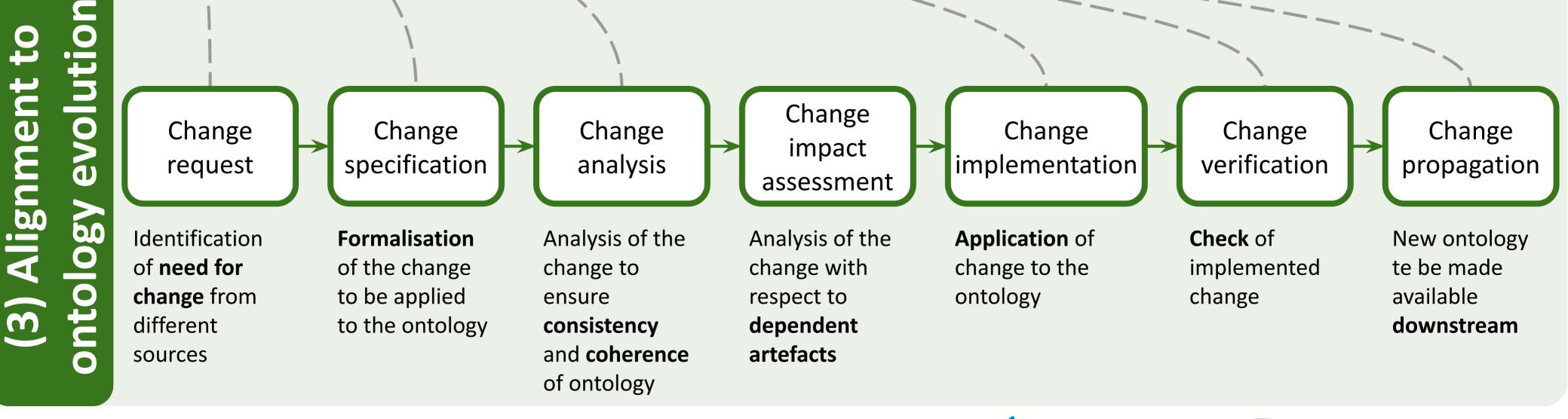
Problem:
Do you **miss a methodology** to construct your knowledge graph? Do you **suffer through ontology evolution** in silence?

Solution:

(1) definition of KG construction activities, **(2) integration with LOT**,
(3) comparison to ontology evolution.

(1) KG construction

(2) LOT integration

(3) Alignment to ontology evolution

Change request	Change specification	Change analysis	Change impact assessment	Change implementation	Change verification	Change propagation
Identification of **need for change** from different sources	**Formalisation** of the change to be applied to the ontology	Analysis of the change to ensure **consistency** and **coherence** of ontology	Analysis of the change with respect to **dependent artefacts**	**Application** of change to the ontology	**Check** of implemented change	New ontology te be made available **downstream**

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