



SEEMP

Single European Employment Market-Place

Boris Villazón-Terrazas, Asunción Gómez-Pérez

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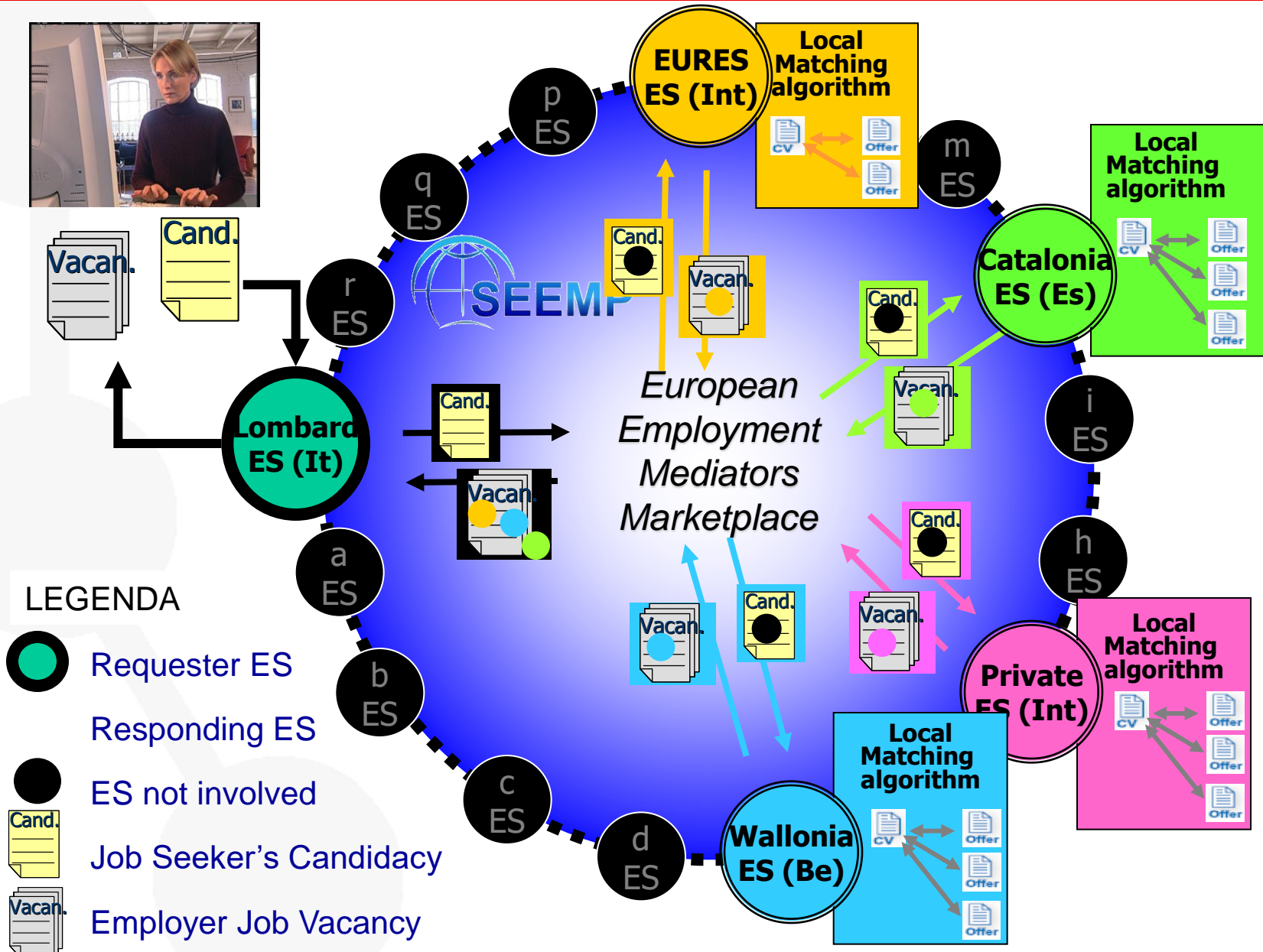
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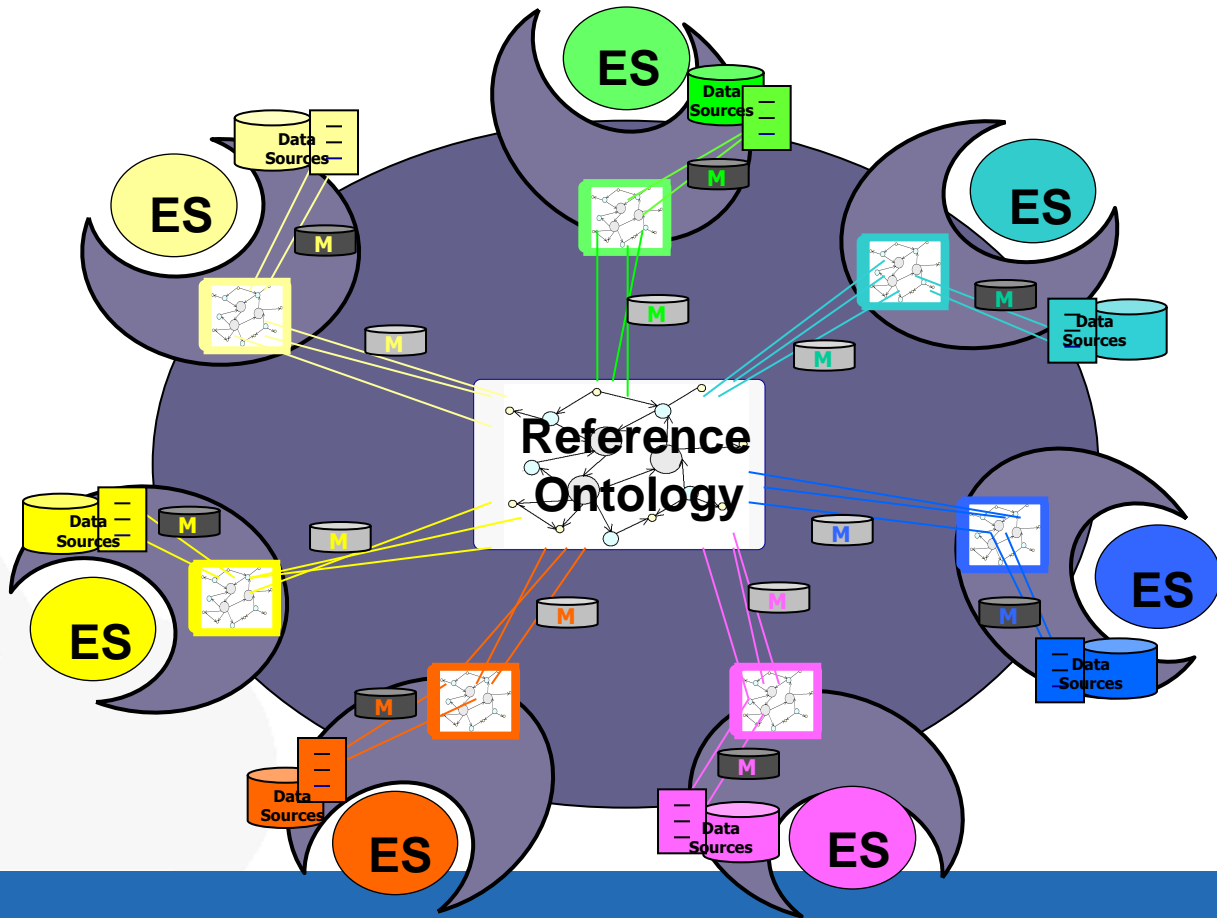
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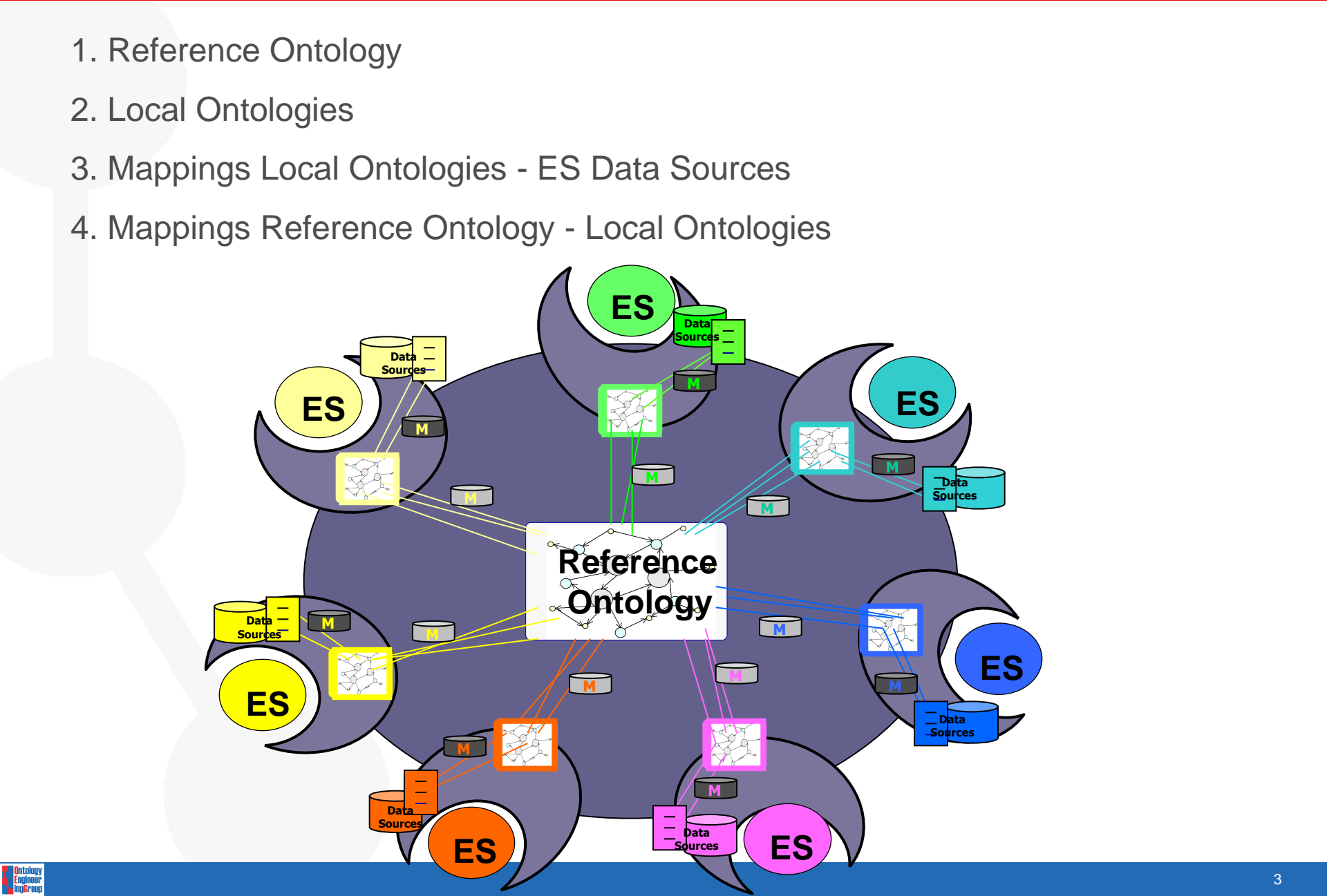
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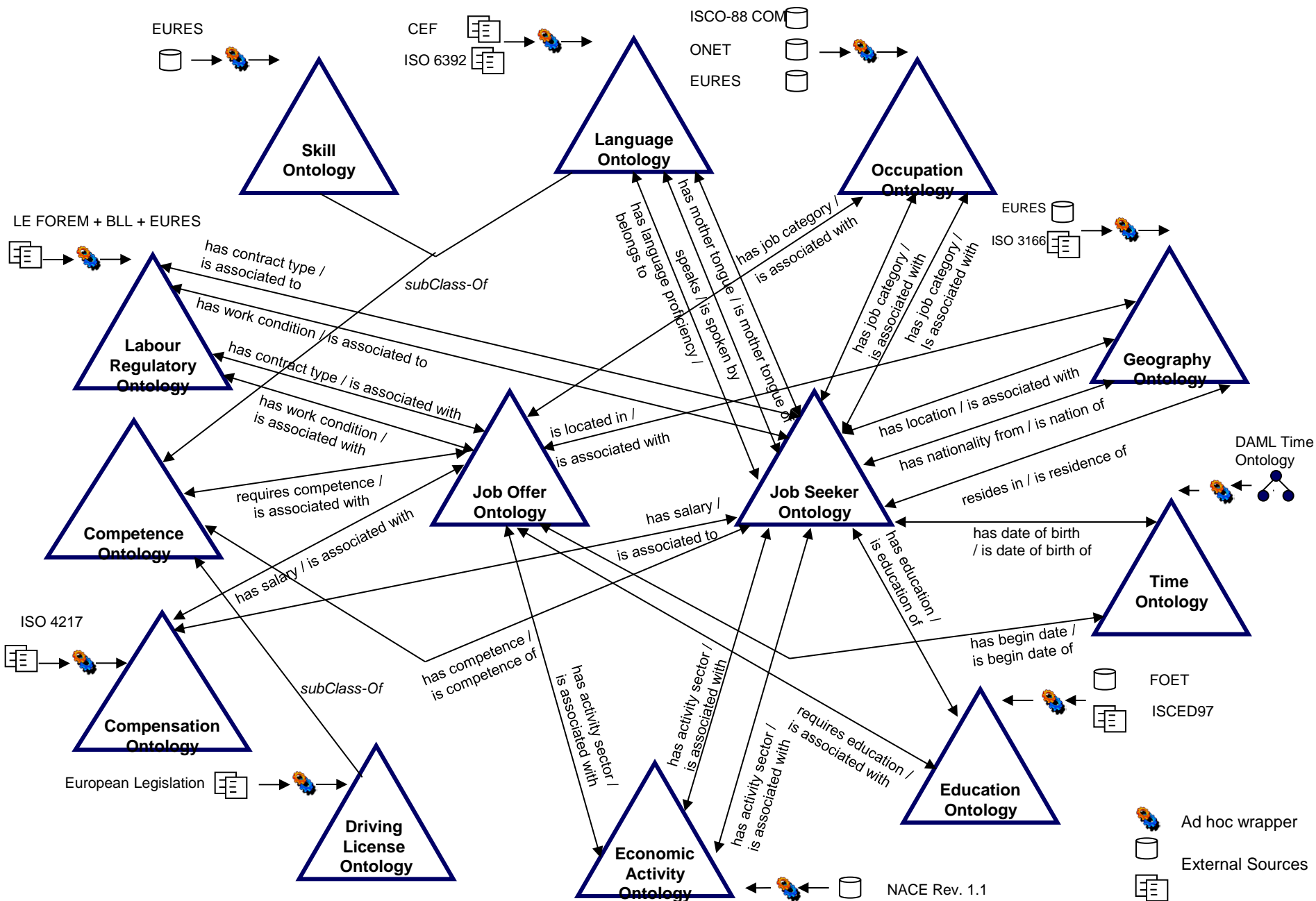
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Motivation: helping Job Seekers on their way

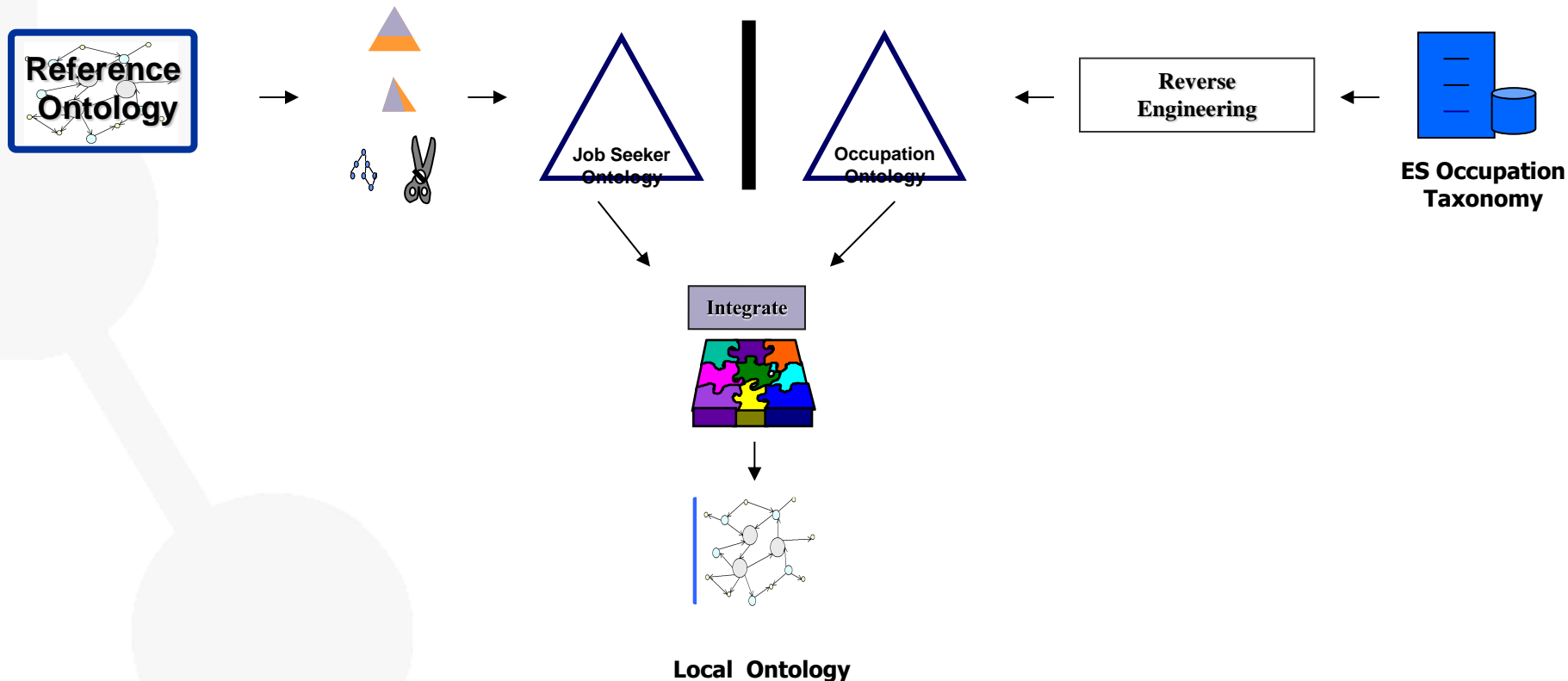


1. Reference Ontology
 2. Local Ontologies
 3. Mappings Local Ontologies - ES Data Sources
 4. Mappings Reference Ontology - Local Ontologies
- 
- The diagram illustrates a federated ontology architecture. At the center is a large purple circle containing a white box labeled "Reference Ontology" with a network graph icon. Surrounding this central hub are eight smaller, colored circles, each representing a "Local Ontology" (ES). These are color-coded: green, yellow, cyan, blue, orange, pink, and two yellow ones. Each Local Ontology is connected to the central Reference Ontology via a "Data Source" (represented by a cylinder icon) and a "Mapping" (represented by a small square icon with a network graph). The connections are color-coded to match the Local Ontology. The central Reference Ontology also has a network graph icon. The entire system is set against a light blue background with a faint silhouette of a person.
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- Option 1 for Job Seeker and Job Offer Ontologies
they can be derived from the RO, because they represent a widely accepted structure.
- Option 2 for Occupation, Education, etc.
they must be derived from specific ES taxonomies.





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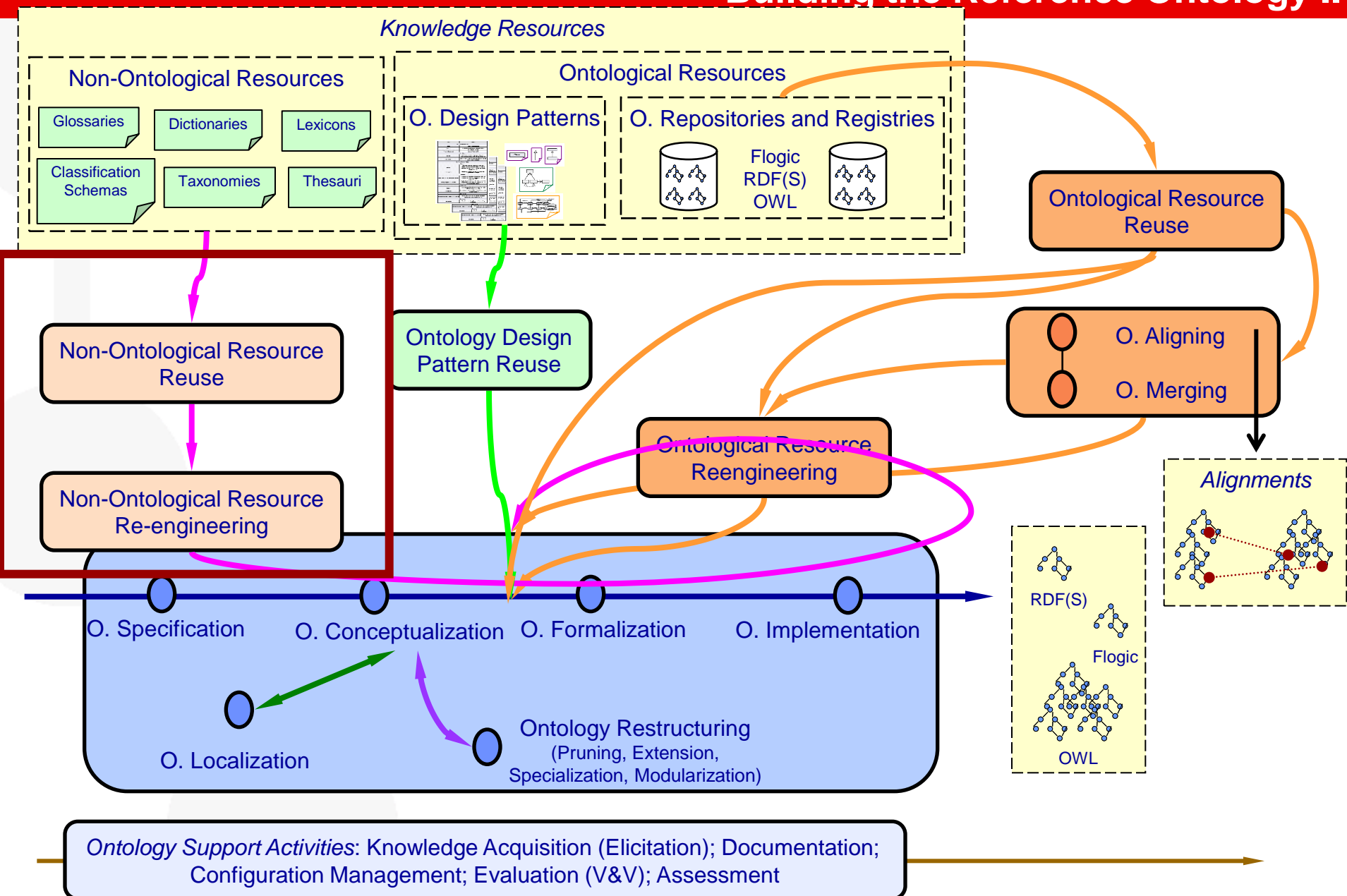
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Building the Reference Ontology

