Ontology Development Process

Domain Expert

- Identify and Specify Use Case
- Identify and Define Scope and Purpose (context of the use case and goals)
- Define Competency Questions
- Verify and Refine Competency Questions

Are changes needed to the Competency Questions?
- Yes
- No

- Conceptualize the Ontology (define hierarchy, classes, properties, etc.)
- Consider Reusing Existing Ontologies
- Formalize ORSD and Competency Questions
- Evaluate the Ontology

Are changes needed to the ontology definition?
- Yes
- No

- Document the Ontology
- Publish the Ontology

Are bugs detected or improvement suggestions?
- Yes
- No

Knowledge Expert

- Support in the Knowledge Formalization Process (definition of Classes, Properties, Individuals and constraints respectively) and in the Evaluation Process
- Support in the documentation of the ontology, if needed

Legend:
- Requirements Specification Stage
- Implementation Stage
- Publication Stage
- Maintenance Stage