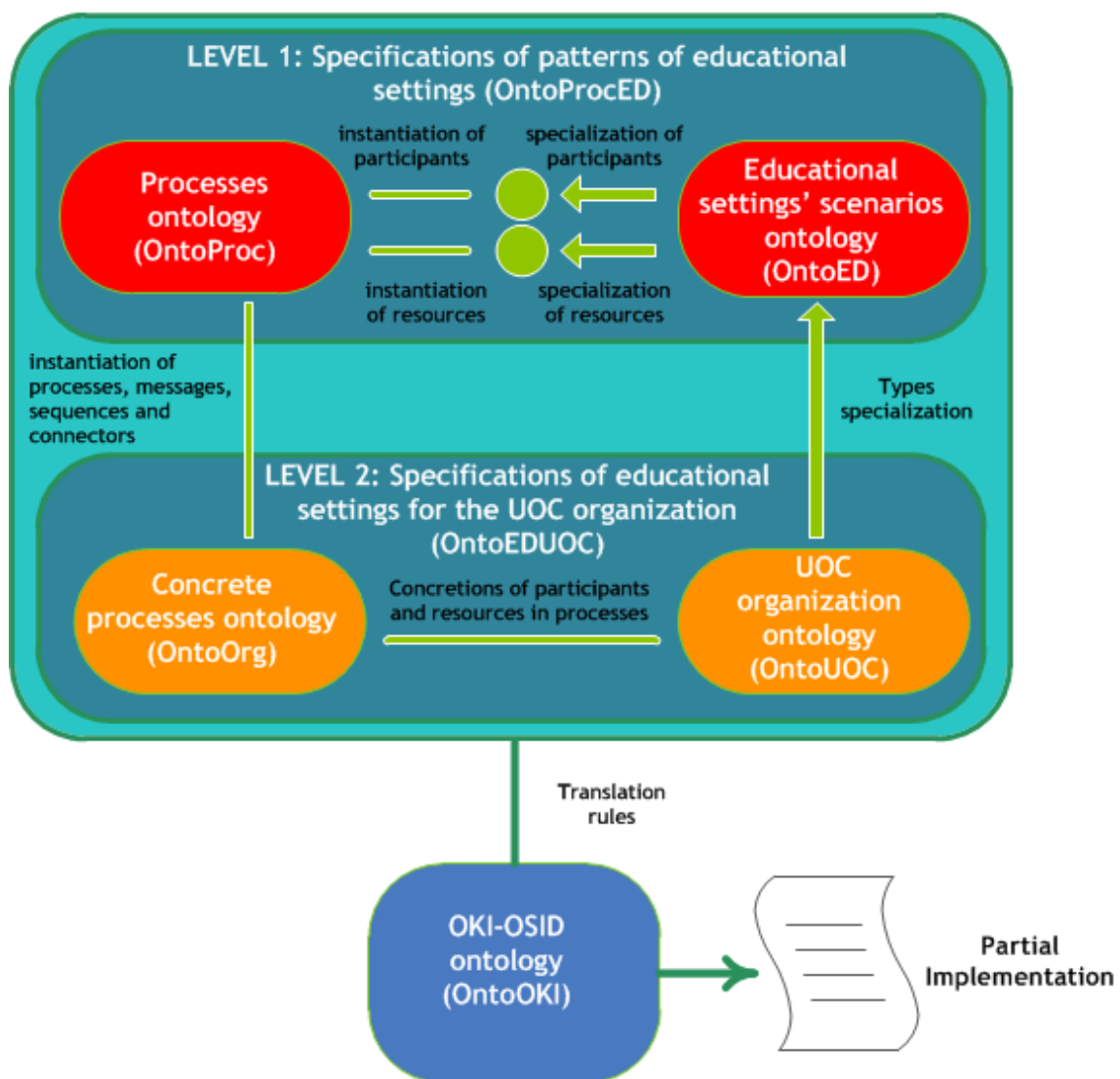


FRAMEWORK FOR SPECIFYING, REUSING AND IMPLEMENTING EDUCATIONAL SETTINGS:

The ontological framework proposed facilitates the specification of the educational settings for any organization from adapted patterns of educational settings.

Conceptually, this architecture is composed by two levels:

- **Patterns of educational settings level** which allows specifying patterns of educational settings. An educational setting pattern defines an educational process(es) which are generic and can be reused through different organizations.
- **Educational settings for a given organization level** which describes the concretions of patterns of educational settings having into account the organization normative. This level only takes sense together with the first level. Some components of this level, such as the organization ontology, are dependent of the educational institution whose processes are specified.



Technically, the framework is composed by the integration of four OWL ontologies enriched by means of SWRL.

The formal specifications obtained from this framework may be used to obtain partial implementations. In this case the OKI-OSID specification is used.