GeoERA vocabularies workflow in comparison

	Vocabulary draft	GeoERA Project Vocabularies	European Geoscience Register	INSPIRE register federation	INSPIRE codelists
Governance	project team	GeoERA project team	EGS expert groups	JRC INSPIRE registry team	JRC INSPIRE registry team
Publisher	project team	GIP-P WP4	BRGM	Relevant organization (BRGM)	JRC INSPIRE registry team
basic ontology	none	SKOS (https://www.w3.org/TR/skos-reference/)	REG (purl.org/linked-data/registry)	none	none
Owner	project team	GeoERA project team	EGS, EPOS?	Relevant organization	European Union
Entities	Scientific terms, codes, texts, links, citations..	concepts, concept schemes, links, codes, metadata, .	codes, ontology concepts, complete ontologies, coordinate reference systems, units of measure, spatial objects, organizations, licenses, metadata etc.	Codelists, enumerations	Codelists, enumerations
Data transfer	Excel	trig, rdf/xml, ttl, Sparql (test API)	ttl, rdf/xml, json-ld, csv, Sparql	Links to registers	rdf/xml, json, atom, csv
Data standards	none	Semantic web standards	Semantic web standards	INSPIRE standards	INSPIRE standards
Linked Data (https://5stardata.info/en/)	⭐⭐	⭐⭐⭐⭐⭐	⭐⭐⭐⭐(⭐)	⭐⭐⭐⭐	⭐⭐⭐⭐
Semantic relations	draft	pivotal	partially	partially	only parent/narrower
cross-linked vocabularies	draft	pivotal	partially	uncommon	no
scope	elaborate scientific terms, or assemble codelists	Clarification of the meaning of scientific terms, providing context, knowledge base, bibliographic references	Register codes, concepts, data and other entities	Extending INSPIRE codelists	Providing standardized codes
explanations	https://github.com/GeoEra-GIP/WP4-Semantics/tree/master/Project%20Vocabularies/templates	https://geoera.eu/wp-content/uploads/2019/11/D4.3-GeoERA-Project-Vocabularies.pdf	https://github.com/UKGovLD/registry-core/wiki/Principles-and-concepts	https://inspire.ec.europa.eu/id/document/tg/registers-and-register-federation	http://inspire.ec.europa.eu/codelist
Project Vocabularies	create concepts >> Project Vocabulary				
		Project Vocabulary >> publish concepts			
codelists	create codes	>> skip PV >>	publish codes		
INSPIRE codelists			extend INSPIRE codelists		
				use INSPIRE codelists plus official extensions	