

mapping_id	source_ontology_id	source_entity_type	source_iri	source_prefix	source_label	target_ontology_id	target_entity_type	target_iri	target_prefix	target_label	alignment_relation	direction	mapping_notes & justification
Stable mapping identifier, e.g., DPP_DPO_0001	DPP DPPO CEON	Class ObjectProperty DataProperty AnnotationProperty Individual	Absolute IRI		Human-readable label	DPP DPPO CEON	Class ObjectProperty DataProperty AnnotationProperty Individual	Absolute IRI		Human-readable label	Controlled vocabulary (see README)	source_to_target target_to_source bidirectional	rationale, ignored by generator for logic
DPP_DPO_0001	DPP	Class	<a href="http://www.w3id.org/dpp#Product">http://www.w3id.org/dpp#Product</a>	dpp	Product	DPPO	Class	<a href="http://w3id.org/dppo/ontology/dpp-odp/Product">http://w3id.org/dppo/ontology/dpp-odp/Product</a>	dpp-odp	Product	subclass_of	source_to_target	DPP is stricter: product≠material; DPPO keeps them possibly overlapping. Subclass mapping preserves DPPO's sector-agnostic stance without breaking DPP's disjointness.
DPP_DPO_0002	DPP	Class	<a href="http://www.w3id.org/dpp#Component">http://www.w3id.org/dpp#Component</a>	dpp	Component	DPPO	Class	<a href="http://w3id.org/dppo/ontology/dpp-core/Component">http://w3id.org/dppo/ontology/dpp-core/Component</a>	dpp-core	Component	equivalent_class	bidirectional	Both represent part-whole relationships. Structural correspondence: both as subclasses of Product with part-of links. Modular alignment allows complex product breakdowns in DPP (e.g., building elements into sub-components) to map into DPPO's composition pattern.
DPP_DPO_0003	DPP	Class	<a href="http://www.w3id.org/dpp#Material">http://www.w3id.org/dpp#Material</a>	dpp	Material	DPPO	Class	<a href="http://w3id.org/dppo/ontology/dpp-core/Material">http://w3id.org/dppo/ontology/dpp-core/Material</a>	dpp-core	Material	subclass_of	source_to_target	Semantically equivalent: both capture the matter constituting products/parts. Subclass mapping (dpp:Material - dpp:Product) reflects DPPO's flexibility; DPP's modular placement preserves structure. Alignment preserves CE relevance (resource loops, recyclability).
DPP_DPO_0004	DPP	Class	<a href="http://www.w3id.org/dpp#MaterialComposition">http://www.w3id.org/dpp#MaterialComposition</a>	dpp	MaterialComposition	DPPO	Class	<a href="http://w3id.org/dppo/ontology/dpp-info/CompositionInformation">http://w3id.org/dppo/ontology/dpp-info/CompositionInformation</a>	dpp-comp	CompositionInformation	subclass_of	source_to_target	Both model partonomy as first-class nodes; quantitative details remain attached to the refined link.
DPP_DPO_0005	DPP	Class	<a href="http://www.w3id.org/dpp#Agent">http://www.w3id.org/dpp#Agent</a>	dpp	Agent	DPPO	Class	<a href="http://w3id.org/dppo/ontology/dpp-prov/Actor">http://w3id.org/dppo/ontology/dpp-prov/Actor</a>	dpp-prov	Actor	equivalent_class	bidirectional	For product-level roles, keep DPP's AgentRole on dpp:Product; additionally mint DPPO responsibleActor on each DPPIinformation item to meet DPPO's auditability.