

(dated 5th December 2018)

UPPER LEVEL

EMMO	European Materials Modelling Ontology	high-level philosophical approach	(external, EMMC-CSA, Ghedini <i>et al.</i>)
EVMPO	European Virtual Marketplace Ontology	fundamental categories for virtual marketplaces	EVMPO Task Force, presently consisting of Adham, Emanuele, Gerhard, Georg, Martin, Welch, and Youness; as soon as possible, a stable draft version of EVMPO will be sent to the two consortia for their approval

MARKETPLACE LEVEL

VIVO	VIMMP Validation Ontology	assessment	proposition on accuracy, performance, or trust in something/someone
from ICALTZD	W3C iCalendar ontology with Time Zones as Datatypes	calendar_event	evmpo:calendar_event is equivalent to Vevent ("Event") from ICALTZD
VICO	VIMMP Communication Ontology	communication	message or action that is communicated by a stakeholder
from IAO	Information Artifact Ontology	information_content_entity	information_content_entity as defined by the IAO
MACRO	Marketplace-Accessible Computational Resource Ontology	infrastructure	virtual-marketplace infrastructure including DB, hardware, software
from EMMO	European Materials Modelling Ontology	material	evmpo:material is equivalent to emmo:material
from EMMO	European Materials Modelling Ontology	model	evmpo:model is equivalent to emmo:model
EMMO + MP	mostly used by MARKETPLACE project	process ← physical_process etc.	evmpo:physical_process is a subclass of emmo:process; however, other types of processes will be defined here (e.g., business or manufacturing processes); the MARKETPLACE project will work on these aspects
(various sources)	developed within VTO as far as needed by VIMMP; beyond, by MARKETPLACE	product ← good, service ← tradeable_object	for VIMMP, it is enough to specify main characteristics of a <i>tradeable object</i> (i.e., a service that can be traded on a virtual marketplace); this will be done in the revised VTO; other aspects will be contributed by MARKETPLACE.
OTRAS	Ontology for Training as a Service	training_service (below product)	the training aspects (courses, syllabi, etc.) will be closely connected to CCSO
VTO	VIMMP Translation Ontology	translation_service (below product)	the VIMMP Translation Ontology, which now exists in version 0.3.2, will be refactored completely, considering the advice from project collaborators
from EMMO	European Materials Modelling Ontology	role	evmpo:role is equivalent to emmo:role
OSMO	Ontology for Simulation, Modelling and Optimization	simulation	simulation workflow (including a single simulation as special case)
CVIII	Classification of VIMMP Institutions and Individuals	agent ← stakeholder	person, institution, or group of persons and/or institutions