

Circular Economy Ontology Network (CEON) - Circular Value Network Module

Metadata

IRI	http://w3id.org/CEON/ontology/cvn/
Title	Circular Economy Ontology Network (CEON) - Circular Value Network Module
Creator	Eva Blomqvist
Contributor	Huanyu Li Mikael Lindecrantz Robin Keskisärkkä
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Version Iri	http://w3id.org/CEON/ontology/cvn/0.2/
Version Info	0.2
Preferred Namespace Prefix	cvn
Preferred Namespace Uri	http://w3id.org/CEON/ontology/cvn/
Description	A core module of the CEON ontology network, defining aspects of the circular value network (CVN) itself.
Covers Requirements	In addition to requirements covered by imported ODPs, covers the following requirements from Onto-DESIDE D3.1: CVN-CVN-1, CVN-Process-1,6, CVN-VP-1, CVN-Type-3, C0-1. In addition to requirements covered by imported ODPs, covers the following requirements from Onto-DESIDE D2.3: CE1-1, CE2-1, CE3-1, CE3-2, CE4-1, CE5-16, C0-1.

Classes

Participation ^C	
IRI	http://w3id.org/CEON/ontology/actorODP/Participation

Cvn^C

IRI	http://w3id.org/CEON/ontology/cvn/CVN
Is Defined By	ISO 59004:2024 - 3.5.3 value network
Description	A network of interlinked value chains and interested parties.
Sub Class Of	Collaboration ^C
In Domain Of	implementsBlueprint ^{OP} implementsStrategy ^{OP}

Cvn Blueprint^C

IRI	http://w3id.org/CEON/ontology/cvn/CVNBlueprint
In Domain Of	plansToImplementStrategy ^{OP}
In Range Of	implementsBlueprint ^{OP}

Circular Strategy^C

IRI	http://w3id.org/CEON/ontology/cvn/CircularStrategy
In Range Of	implementsStrategy ^{OP} plansToImplementStrategy ^{OP}

Collaboration^C

IRI	http://w3id.org/CEON/ontology/cvn/Collaboration
Super Class Of	CVN ^C

Process^C

IRI	http://w3id.org/CEON/ontology/processODP/Process
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Resource^C

IRI	http://w3id.org/CEON/ontology/resourceODP/Resource
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Value^C

IRI	http://w3id.org/CEON/ontology/value/Value
In Range Of	createsValue ^{OP}

Value Proposition^c

IRI <http://w3id.org/CE0N/ontology/value/ValueProposition>

In Range Of [aimsAtValue^{op}](#)

Object Properties

aims at value^{op}

IRI <http://w3id.org/CE0N/ontology/cvn/aimsAtValue>

Domain [CVNBlueprint^c](#) or [CVN^c](#)

Range [value:ValueProposition^c](#)

composed of^{op}

IRI <http://w3id.org/CE0N/ontology/cvn/composedOf>

Domain [processODP:Process^c](#) or [CVN^c](#)

Range [CVN^c](#) or [processODP:Process^c](#)

creates value^{op}

IRI <http://w3id.org/CE0N/ontology/cvn/createsValue>

Domain [processODP:Process^c](#) or [actorODP:Participation^c](#) or [CVN^c](#)

Range [value:Value^c](#)

implements blueprint^{op}

IRI <http://w3id.org/CE0N/ontology/cvn/implementsBlueprint>

Domain [CVN^c](#)

Range [CVNBlueprint^c](#)

implements strategy^{op}

IRI <http://w3id.org/CE0N/ontology/cvn/implementsStrategy>

Sub Property Of [relatedStrategy^{op}](#)

Domain [CVN^c](#)

Range [CircularStrategy^c](#)

plans to implement strategy^{op}

IRI <http://w3id.org/CEON/ontology/cvn/plansToImplementStrategy>

Sub Property Of [relatedStrategy^{op}](#)

Domain [CVNBlueprint^c](#)

Range [CircularStrategy^c](#)

related strategy^{op}

IRI <http://w3id.org/CEON/ontology/cvn/relatedStrategy>

Super Property Of

- [implementsStrategy^{op}](#)
- [plansToImplementStrategy^{op}](#)

Annotation Properties

contributor^{ap}

IRI <http://purl.org/dc/terms/contributor>

creator^{ap}

IRI <http://purl.org/dc/terms/creator>

description^{ap}

IRI <http://purl.org/dc/terms/description>

title^{ap}

IRI <http://purl.org/dc/terms/title>

preferred namespace prefix^{ap}

IRI <http://purl.org/vocab/vann/preferredNamespacePrefix>

preferred namespace uri^{ap}

IRI <http://purl.org/vocab/vann/preferredNamespaceUri>

Namespaces

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<http://w3id.org/CEON/ontology/cvn/>

actor

<http://w3id.org/CEON/ontology/actor/>

actorODP

<http://w3id.org/CEON/ontology/actorODP/>

dcterms

<http://purl.org/dc/terms/>

odp

<http://www.ontologydesignpatterns.org/schemas/cpannotationschema.owl#>

owl

<http://www.w3.org/2002/07/owl#>

processODP

<http://w3id.org/CEON/ontology/processODP/>

prov

<http://www.w3.org/ns/prov#>

rdf

<http://www.w3.org/1999/02/22-rdf-syntax-ns#>

rdfs

<http://www.w3.org/2000/01/rdf-schema#>

resourceODP

<http://w3id.org/CEON/ontology/resourceODP/>

value

<http://w3id.org/CEON/ontology/value/>

vann

<http://purl.org/vocab/vann/>

xsd

<http://www.w3.org/2001/XMLSchema#>

Legend

c	Classes
op	Object Properties
ap	Annotation Properties