

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
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Version Iri	http://w3id.org/CEON/ontology/cvn/0.1/
Version Info	0.1
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.

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>

Resource^C

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

Value^C

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

In Range Of [createsValue^{OP}](#)

Value Proposition^C

IRI <http://w3id.org/CEON/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 [processODP:Process^c](#) or [CVN^c](#)

creates value^{op}

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

Domain [actorODP:Participation^c](#) or [processODP:Process^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/CE0N/ontology/cvn/plansToImplementStrategy>

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

Domain [CVNBlueprint^c](#)

Range [CircularStrategy^c](#)

related strategy^{op}

IRI <http://w3id.org/CE0N/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

:

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

actor <http://w3id.org/CE0N/ontology/actor/>

actorODP <http://w3id.org/CE0N/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/CE0N/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/CE0N/ontology/resourceODP/>

value

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

vann

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

xsd

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

Legend

c	Classes
op	Object Properties
ap	Annotation Properties