

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/CEON/ontology/cvn/aimsWithValue
Domain	CVN^c or CVNBlueprint^c
Range	value:ValueProposition^c

composed of^{op}

IRI	http://w3id.org/CEON/ontology/cvn/composedOf
Domain	CVN^c or processODP:Process^c
Range	processODP:Process^c or CVN^c

creates value^{op}

IRI	http://w3id.org/CEON/ontology/cvn/createsValue
Domain	CVN^c or processODP:Process^c or actorODP:Participation^c
Range	value:Value^c

implements blueprint^{op}

IRI	http://w3id.org/CEON/ontology/cvn/implementsBlueprint
Domain	CVN^c
Range	CVNBlueprint^c

implements strategy^{op}

IRI	http://w3id.org/CEON/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	<ul style="list-style-type: none">implementsStrategy^{op}plansToImplementStrategy^{op}

Annotation Properties

contributor^{ap}

IRI	http://purl.org/dc/terms/contributor
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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
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preferred namespace uri^{ap}

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