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

Publisher

Onto-DESIDE

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Version Iri

http://w3id.org/CEON/ontology/cvn/0.3/

Version Info

0.3

Prior Version

0.2

Preferred Namespace Prefix

ceon-cvn

Preferred Namespace Uri

http://w3id.org/CEON/ontoloy/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 D3.2: 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

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/aimsAtValue`
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	processODP:Process ^C *or* actorODP:Participation ^C *or* CVN ^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	• implementsStrategy ^{op} • plansToImplementStrategy ^{op}

Namespaces

:
> 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