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/0.2/

Version Info

0.2

Preferred Namespace Prefix

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	CVNBlueprint ^c or CVN ^c
Range	value:ValueProposition ^c

composed of ^{op}

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

creates value ^{op}

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

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/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