

# 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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### Date Created

2023-03-22

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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<sup>c</sup>

#### IRI

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

## Cvn<sup>C</sup>

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

**Sub Class Of** [Collaboration<sup>C</sup>](#)

**In Domain Of**  
[implementsBlueprint<sup>op</sup>](#)  
[implementsStrategy<sup>op</sup>](#)

## Cvn Blueprint<sup>C</sup>

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

**In Domain Of** [plansToImplementStrategy<sup>op</sup>](#)

**In Range Of** [implementsBlueprint<sup>op</sup>](#)

## Circular Strategy<sup>C</sup>

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

**In Range Of**  
[implementsStrategy<sup>op</sup>](#)  
[plansToImplementStrategy<sup>op</sup>](#)

## Collaboration<sup>C</sup>

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

**Super Class Of** [CVN<sup>C</sup>](#)

## Process<sup>C</sup>

**IRI** <http://w3id.org/CEON/ontology/process/Process>

## Resource<sup>C</sup>

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

## Value<sup>C</sup>

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

**In Range Of** [createsValue<sup>op</sup>](#)

## Value Proposition<sup>C</sup>

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

**In Range Of** [aimsAtValue<sup>op</sup>](#)

## Object Properties

### aims at value<sup>op</sup>

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

**Domain** [CVNBlueprint<sup>C</sup>](#) *or* [CVN<sup>C</sup>](#)

**Range** [value:ValueProposition<sup>C</sup>](#)

### composed of<sup>op</sup>

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

**Domain** [CVN<sup>C</sup>](#) *or* [process:Process<sup>C</sup>](#)

**Range** [CVN<sup>C</sup>](#) *or* [process:Process<sup>C</sup>](#)

### creates value<sup>op</sup>

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

**Domain** [CVN<sup>C</sup>](#) *or* [process:Process<sup>C</sup>](#) *or* [actorODP:Participation<sup>C</sup>](#)

**Range** [value:Value<sup>C</sup>](#)

## implements blueprint<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/cvn/implementsBlueprint">http://w3id.org/CEON/ontology/cvn/implementsBlueprint</a>
<b><u>Domain</u></b>	<a href="#">CVN</a> <sup>c</sup>
<b><u>Range</u></b>	<a href="#">CVNBlueprint</a> <sup>c</sup>

## implements strategy<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/cvn/implementsStrategy">http://w3id.org/CEON/ontology/cvn/implementsStrategy</a>
<b><u>Sub Property Of</u></b>	<a href="#">relatedStrategy</a> <sup>op</sup>
<b><u>Domain</u></b>	<a href="#">CVN</a> <sup>c</sup>
<b><u>Range</u></b>	<a href="#">CircularStrategy</a> <sup>c</sup>

## plans to implement strategy<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/cvn/plansToImplementStrategy">http://w3id.org/CEON/ontology/cvn/plansToImplementStrategy</a>
<b><u>Sub Property Of</u></b>	<a href="#">relatedStrategy</a> <sup>op</sup>
<b><u>Domain</u></b>	<a href="#">CVNBlueprint</a> <sup>c</sup>
<b><u>Range</u></b>	<a href="#">CircularStrategy</a> <sup>c</sup>

## related strategy<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/cvn/relatedStrategy">http://w3id.org/CEON/ontology/cvn/relatedStrategy</a>
<b><u>Super Property Of</u></b>	<ul style="list-style-type: none"><li>• <a href="#">implementsStrategy</a><sup>op</sup></li><li>• <a href="#">plansToImplementStrategy</a><sup>op</sup></li></ul>

## Annotation Properties

contributor <sup>ap</sup>	
IRI	<a href="http://purl.org/dc/terms/contributor">http://purl.org/dc/terms/contributor</a>
creator <sup>ap</sup>	
IRI	<a href="http://purl.org/dc/terms/creator">http://purl.org/dc/terms/creator</a>
description <sup>ap</sup>	
IRI	<a href="http://purl.org/dc/terms/description">http://purl.org/dc/terms/description</a>
title <sup>ap</sup>	
IRI	<a href="http://purl.org/dc/terms/title">http://purl.org/dc/terms/title</a>
preferred namespace prefix <sup>ap</sup>	
IRI	<a href="http://purl.org/vocab/vann/preferredNamespacePrefix">http://purl.org/vocab/vann/preferredNamespacePrefix</a>
preferred namespace uri <sup>ap</sup>	
IRI	<a href="http://purl.org/vocab/vann/preferredNamespaceUri">http://purl.org/vocab/vann/preferredNamespaceUri</a>

## 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#>

**process**

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

**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