

# 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

### Creator

Eva Blomqvist

### Contributor

Huanyu Li

Mikael Lindecrantz

Robin Keskisärkkä

### Date Created

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### License

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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/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.

In addition to requirements covered by imported ODPs, covers the following requirements from Onto-DESIDE D2.3: CE1-1, CE2-1, CE3-1, CE3-2, CE4-1, CE5-16, C0-1.

**Classes**

<b>Participation<sup>c</sup></b>	
<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/actorODP/Participation">http://w3id.org/CEON/ontology/actorODP/Participation</a>

<b>Cvn<sup>c</sup></b>	
<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/cvn/CVN">http://w3id.org/CEON/ontology/cvn/CVN</a>
<b><u>Is Defined By</u></b>	ISO 59004:2024 - 3.5.3 value network
<b><u>Description</u></b>	A network of interlinked value chains and interested parties.
<b><u>Sub Class Of</u></b>	<a href="#"><u>Collaboration<sup>c</sup></u></a>
<b><u>In Domain Of</u></b>	<a href="#"><u>implementsBlueprint<sup>op</sup></u></a> <a href="#"><u>implementsStrategy<sup>op</sup></u></a>

## Cvn Blueprint<sup>c</sup>

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<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/cvn/CVNB Blueprint">http://w3id.org/CEON/ontology/cvn/CVNB Blueprint</a>
<b><u>In Domain Of</u></b>	<a href="#">plansToImplementStrategy<sup>op</sup></a>
<b><u>In Range Of</u></b>	<a href="#">implementsBlueprint<sup>op</sup></a>

## Circular Strategy<sup>c</sup>

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<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/cvn/CircularStrategy">http://w3id.org/CEON/ontology/cvn/CircularStrategy</a>
<b><u>In Range Of</u></b>	<a href="#">implementsStrategy<sup>op</sup></a> <a href="#">plansToImplementStrategy<sup>op</sup></a>

## Collaboration<sup>c</sup>

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<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/cvn/Collaboration">http://w3id.org/CEON/ontology/cvn/Collaboration</a>
<b><u>Super Class Of</u></b>	<a href="#">CVN<sup>c</sup></a>

## Process<sup>c</sup>

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<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/process0DP/Process">http://w3id.org/CEON/ontology/process0DP/Process</a>
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## Resource<sup>c</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/resourceODP/Resource">http://w3id.org/CEON/ontology/resourceODP/Resource</a>
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## Value<sup>c</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/value/Value">http://w3id.org/CEON/ontology/value/Value</a>
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<u>In Range Of</u>	<a href="#"><u>createsValue</u><sup>op</sup></a>
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## Value Proposition<sup>c</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/value/ValueProposition">http://w3id.org/CEON/ontology/value/ValueProposition</a>
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<u>In Range Of</u>	<a href="#"><u>aimsAtValue</u><sup>op</sup></a>
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## Object Properties

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

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/cvn/aimsAtValue">http://w3id.org/CEON/ontology/cvn/aimsAtValue</a>
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<u>Domain</u>	<a href="#"><u>CVNBlueprint</u><sup>c</sup></a> or <a href="#"><u>CVN</u><sup>c</sup></a>
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<u>Range</u>	<a href="#"><u>value:ValueProposition</u><sup>c</sup></a>
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## composed of<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/cvn/composedOf">http://w3id.org/CEON/ontology/cvn/composedOf</a>
<b><u>Domain</u></b>	<a href="#">CVN<sup>C</sup></a> <i>or</i> <a href="#">processODP:Process<sup>C</sup></a>
<b><u>Range</u></b>	<a href="#">CVN<sup>C</sup></a> <i>or</i> <a href="#">processODP:Process<sup>C</sup></a>

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

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/cvn/createsValue">http://w3id.org/CEON/ontology/cvn/createsValue</a>
<b><u>Domain</u></b>	<a href="#">CVN<sup>C</sup></a> <i>or</i> <a href="#">processODP:Process<sup>C</sup></a> <i>or</i> <a href="#">actorODP:Participation<sup>C</sup></a>
<b><u>Range</u></b>	<a href="#">value:Value<sup>C</sup></a>

## 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<sup>C</sup></a>
<b><u>Range</u></b>	<a href="#">CVNBlueprint<sup>C</sup></a>

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

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

**Sub Property Of** [relatedStrategy<sup>op</sup>](#)

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

**Range** [CircularStrategy<sup>C</sup>](#)

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

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

**Sub Property Of** [relatedStrategy<sup>op</sup>](#)

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

**Range** [CircularStrategy<sup>C</sup>](#)

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

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

**Super Property Of**

- [implementsStrategy<sup>op</sup>](#)
- [plansToImplementStrategy<sup>op</sup>](#)

## Annotation Properties

contributor<sup>ap</sup>

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**IRI** <http://purl.org/dc/terms/contributor>

creator<sup>ap</sup>

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**IRI** <http://purl.org/dc/terms/creator>

description<sup>ap</sup>

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**IRI** <http://purl.org/dc/terms/description>

title<sup>ap</sup>

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**IRI** <http://purl.org/dc/terms/title>

preferred namespace prefix<sup>ap</sup>

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**IRI** <http://purl.org/vocab/vann/preferredNamespacePrefix>

preferred namespace uri<sup>ap</sup>

<b>IRI</b>	<a href="http://purl.org/vocab/vann/preferredNamespaceUri">http://purl.org/vocab/vann/preferredNamespaceUri</a>
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## Namespaces

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<http://w3id.org/CE0N/ontology/cv>  
[n/](http://w3id.org/CE0N/ontology/cv)

**actor**

[http://w3id.org/CE0N/ontology/actor/](http://w3id.org/CE0N/ontology/actor)

**actorODP**

[http://w3id.org/CE0N/ontology/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/](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