

# Circular Economy Ontology Network (CEON) - Plan Module

## Metadata

### IRI

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

### Title

Circular Economy Ontology Network (CEON) - Plan Module

### Publisher

Onto-DESIDE

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### License

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### Version Iri

<http://w3id.org/CEON/ontology/plan/0.1/>

### Version Info

0.1

### Preferred Namespace Prefix

ceon-plan

### Preferred Namespace Uri

<https://w3id.org/CEON/ontology/plan/>

### Description

The Plan module of CEON (Circular Economy Ontology Network).

### Covers Requirements

In addition to requirements covered by imported ODPs, covers the following requirements from Onto-DESIDE D3.1: T8-2.

In addition to requirements covered by imported ODPs, covers the following requirements from Onto-DESIDE D3.2: T8-2.

## Classes

Description <sup>c</sup>	
IRI	<a href="http://w3id.org/CEON/ontology/plan/Description">http://w3id.org/CEON/ontology/plan/Description</a>
In Range Of	<a href="#">satisfiesPlan</a> <sup>op</sup>
Super Class Of	<a href="#">Plan</a> <sup>c</sup>

## Plan<sup>c</sup>

**IRI** <http://w3id.org/CEON/ontology/plan/Plan>

**Sub Class Of** [Description<sup>c</sup>](#)

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

**Restriction** [processODP:hasPart](#) some [Plan<sup>c</sup>](#)

## Plan Execution<sup>c</sup>

**IRI** <http://w3id.org/CEON/ontology/plan/PlanExecution>

**Sub Class Of** [processODP:Situation](#)  
[processODP:occursAtTime<sup>dp</sup>](#) some [xsd:dateTime<sup>c</sup>](#) or [processODP:duringTime](#)  
some [processODP:TimeInterval<sup>c</sup>](#)

**In Domain Of** [followsExecution<sup>op</sup>](#)  
[precedesExecution<sup>op</sup>](#)  
[occursAtTime<sup>dp</sup>](#)

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

**Restriction** [followsExecution<sup>op</sup>](#) some [PlanExecution<sup>c</sup>](#)  
[precedesExecution<sup>op</sup>](#) some [PlanExecution<sup>c</sup>](#)  
[satisfiesPlan<sup>op</sup>](#) some [PlanExecution<sup>c</sup>](#)  
[processODP:hasPart](#) some [PlanExecution<sup>c</sup>](#)  
[processODP:isSettingFor](#) some [PlanExecution<sup>c</sup>](#)

## Object Properties

### follows execution<sup>op</sup>

**IRI** <http://w3id.org/CEON/ontology/plan/followsExecution>

**Sub Property Of** [processODP:isSettingFor](#)

**Domain** [PlanExecution<sup>c</sup>](#)

### has plan execution<sup>op</sup>

**IRI** <http://w3id.org/CEON/ontology/plan/hasPlanExecution>

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

**Domain** [Plan<sup>c</sup>](#)

**Range** [PlanExecution<sup>c</sup>](#)

precedes execution<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/plan/precedesExecution">http://w3id.org/CEON/ontology/plan/precedesExecution</a>
<b>Sub Property Of</b>	<a href="#">processODP:isSettingFor</a>
<b>Domain</b>	<a href="#">PlanExecution<sup>c</sup></a>

satisfies plan<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/plan/satisfiesPlan">http://w3id.org/CEON/ontology/plan/satisfiesPlan</a>
<b>Sub Property Of</b>	<a href="#">topObjectProperty<sup>op</sup></a>
<b>Domain</b>	<a href="#">processODP:Situation</a>
<b>Range</b>	<a href="#">Description<sup>c</sup></a>

has input<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/processODP/hasInput">http://w3id.org/CEON/ontology/processODP/hasInput</a>
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has output<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/processODP/hasOutput">http://w3id.org/CEON/ontology/processODP/hasOutput</a>
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## Datatype Properties

occurs at time<sup>dp</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/plan/occursAtTime">http://w3id.org/CEON/ontology/plan/occursAtTime</a>
<b>Domain</b>	<a href="#">PlanExecution<sup>c</sup></a>
<b>Range</b>	<a href="#">xsd:dateTime</a>

occurs at time<sup>dp</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/processODP/occursAtTime">http://w3id.org/CEON/ontology/processODP/occursAtTime</a>
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## Namespaces

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**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#
vann
http://purl.org/vocab/vann/
xsd
http://www.w3.org/2001/XMLSchema#
```

## Legend

c	Classes
op	Object Properties
dp	Datatype Properties