

# 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

**Creator**

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**Contributor**

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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>

<b>IRI</b>	<a href="http://w3id.org/CE0N/ontology/plan/Plan">http://w3id.org/CE0N/ontology/plan/Plan</a>
<b>Sub Class Of</b>	<a href="#">Description</a> <sup>C</sup>
<b>In Domain Of</b>	<a href="#">hasPlanExecution</a> <sup>op</sup>
<b>Restriction</b>	<a href="#">processODP:hasPart</a> some <a href="#">Plan</a> <sup>C</sup>

## Plan Execution<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CE0N/ontology/plan/PlanExecution">http://w3id.org/CE0N/ontology/plan/PlanExecution</a>
<b>Sub Class Of</b>	<a href="#">processODP:Situation</a> <a href="#">processODP:duringTime</a> some <a href="#">processODP:TimeInterval</a> <sup>C</sup> or <a href="#">processODP:occursAtTime</a> some <a href="#">xsd:dateTime</a> <sup>C</sup>
<b>In Domain Of</b>	<a href="#">followsExecution</a> <sup>op</sup> <a href="#">precedesExecution</a> <sup>op</sup> <a href="#">occursAtTime</a> <sup>dp</sup>
<b>In Range Of</b>	<a href="#">hasPlanExecution</a> <sup>op</sup>
<b>Restriction</b>	<a href="#">followsExecution</a> <sup>op</sup> some <a href="#">PlanExecution</a> <sup>C</sup> <a href="#">precedesExecution</a> <sup>op</sup> some <a href="#">PlanExecution</a> <sup>C</sup> <a href="#">satisfiesPlan</a> <sup>op</sup> some <a href="#">PlanExecution</a> <sup>C</sup> <a href="#">processODP:hasPart</a> some <a href="#">PlanExecution</a> <sup>C</sup> <a href="#">processODP:isSettingFor</a> some <a href="#">PlanExecution</a> <sup>C</sup>

## Object Properties

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

<b>IRI</b>	<a href="http://w3id.org/CE0N/ontology/plan/followsExecution">http://w3id.org/CE0N/ontology/plan/followsExecution</a>
<b>Sub Property Of</b>	<a href="#">processODP:isSettingFor</a>
<b>Domain</b>	<a href="#">PlanExecution</a> <sup>C</sup>

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

<b>IRI</b>	<a href="http://w3id.org/CE0N/ontology/plan/hasPlanExecution">http://w3id.org/CE0N/ontology/plan/hasPlanExecution</a>
<b>Sub Property Of</b>	<a href="#">topObjectProperty</a> <sup>op</sup>
<b>Domain</b>	<a href="#">Plan</a> <sup>C</sup>
<b>Range</b>	<a href="#">PlanExecution</a> <sup>C</sup>

precedes execution<sup>op</sup>

**IRI** <http://w3id.org/CE0N/ontology/plan/precedesExecution>

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

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

satisfies plan<sup>op</sup>

**IRI** <http://w3id.org/CE0N/ontology/plan/satisfiesPlan>

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

**Domain** [processODP:Situation](#)

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

has input<sup>op</sup>

**IRI** <http://w3id.org/CE0N/ontology/processODP/hasInput>

has output<sup>op</sup>

**IRI** <http://w3id.org/CE0N/ontology/processODP/hasOutput>

## Datatype Properties

occurs at time<sup>dp</sup>

**IRI** <http://w3id.org/CE0N/ontology/plan/occursAtTime>

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

**Range** [xsd:dateTime](#)

## Namespaces

:

<http://w3id.org/CE0N/ontology/plan/>

**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/>

**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