

# Circular Economy Ontology Network (CEON) - Statement Module

## Metadata

### IRI

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

### Title

Circular Economy Ontology Network (CEON) - Statement Module

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Onto-DESIDE

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### Version Iri

<http://w3id.org/CEON/ontology/statement/0.2/>

### Version Info

0.2

### Prior Version

0.1

### Preferred Namespace Prefix

ceon-statement

### Preferred Namespace Uri

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

### Description

A module to represent statements of CEON resources.

## Classes

## Quantity Interval<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/quantity#QuantityInterval">http://w3id.org/CEON/ontology/quantity#QuantityInterval</a>
<b>In Range Of</b>	<a href="#">hasChemicalSubstanceThresholdUsedByManufacturer<sup>op</sup></a> <a href="#">hasFractionOfRenewableEnergyOutOfTheTotalProductionEnergyMix<sup>op</sup></a> <a href="#">hasMassFractionForDemounting<sup>op</sup></a> <a href="#">hasMassFractionForDisassembly<sup>op</sup></a> <a href="#">hasMassFractionOfAllDisclosedChemicalSubstance<sup>op</sup></a> <a href="#">hasMassFractionOfDismantleableComponentsForReuseAndRecycle<sup>op</sup></a> <a href="#">hasMassFractionOfPostConsumerRecycledMaterialsOutOfTheTotalProductMass<sup>op</sup></a> <a href="#">hasMassFractionOfPreConsumerRecycledMaterialsOutOfTheTotalProductMass<sup>op</sup></a> <a href="#">hasMassFractionOfProductDesignedForRecyclingToOriginalInput<sup>op</sup></a> <a href="#">hasMassFractionOfProductReleasedIntoEnvironment<sup>op</sup></a> <a href="#">hasMassFractionOfRecycledMaterialsOutOfTheTotalProductMass<sup>op</sup></a> <a href="#">hasMassFractionOfRenewableMaterialsOutOfTheTotalProductMass<sup>op</sup></a> <a href="#">hasMassFractionOfReusedPartsOutOfTheTotalProduct<sup>op</sup></a> <a href="#">hasPostConsumerRecycledMaterialCompositionThreshold<sup>op</sup></a> <a href="#">hasPreConsumerRecycledMaterialCompositionThreshold<sup>op</sup></a> <a href="#">hasQuantityInterval<sup>op</sup></a> <a href="#">hasVolumeFractionOfReductionOfDirectWaterConsumptionUsedInProduction<sup>op</sup></a> <a href="#">hasVolumeFractionOfReusedOrRecirculatedWaterUsedInProduction<sup>op</sup></a>

### Named Individuals

[0ge-0le<sup>ni</sup>](#)  
[0gt-0.001le<sup>ni</sup>](#)  
[0gt-0.01le<sup>ni</sup>](#)  
[0gt-0.1le<sup>ni</sup>](#)  
[0gt-10le<sup>ni</sup>](#)  
[0.1ge-0.1le<sup>ni</sup>](#)  
[1ge<sup>ni</sup>](#)  
[10gt-25le<sup>ni</sup>](#)  
[25gt-50le<sup>ni</sup>](#)  
[50gt-75le<sup>ni</sup>](#)  
[75gt-95le<sup>ni</sup>](#)  
[95gt-99le<sup>ni</sup>](#)  
[99gt-100le<sup>ni</sup>](#)

## Availability<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/statement/Availability">http://w3id.org/CEON/ontology/statement/Availability</a>
<b>In Range Of</b>	<a href="#">hasAvailability<sup>op</sup></a>
<b>Named Individuals</b>	<a href="#">public<sup>ni</sup></a> <a href="#">secretAgreement<sup>ni</sup></a>

## Demounting Statement<sup>c</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/statement/DemountingStatement">http://w3id.org/CEON/ontology/statement/DemountingStatement</a>
<b>Sub Class Of</b>	<a href="#">PCDSStatement<sup>c</sup></a>
<b>In Domain Of</b>	<a href="#">hasMassFractionForDemounting<sup>op</sup></a>
<b>Super Class Of</b>	<a href="#">MFOfProductDesignedCleanlyRemovedFromFixedAssemblyAvailabilityStatement<sup>c</sup></a> <a href="#">MFOfProductDesignedCleanlyRemovedFromFixedAssemblyStatement<sup>c</sup></a>

## Disassembly Statement<sup>c</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/statement/DisassemblyStatement">http://w3id.org/CEON/ontology/statement/DisassemblyStatement</a>
<b>Sub Class Of</b>	<a href="#">PCDSStatement<sup>c</sup></a>
<b>In Domain Of</b>	<a href="#">hasMassFractionForDisassembly<sup>op</sup></a>
<b>Super Class Of</b>	<a href="#">MFOfProductDesignedCleanlyRemovedFromProductAssemblyAvailabilityStatement<sup>c</sup></a> <a href="#">MFOfProductDesignedCleanlyRemovedFromProductAssemblyStatement<sup>c</sup></a>

## Disclosed Chemical Substance Statement<sup>c</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/statement/DisclosedChemicalsSubstanceStatement">http://w3id.org/CEON/ontology/statement/DisclosedChemicalsSubstanceStatement</a>
<b>Sub Class Of</b>	<a href="#">ProductCompositionStatement<sup>c</sup></a> <a href="#">hasChemicalSubstanceThresholdUsedByManufacturer<sup>op</sup> value <u>0gt-0.01le<sup>c</sup></u> or</a> <a href="#">hasChemicalSubstanceThresholdUsedByManufacturer<sup>op</sup> value <u>1ge<sup>c</sup></u> or</a> <a href="#">hasChemicalSubstanceThresholdUsedByManufacturer<sup>op</sup> value <u>0gt-0.1le<sup>c</sup></u> or</a> <a href="#">hasChemicalSubstanceThresholdUsedByManufacturer<sup>op</sup> value <u>0gt-0.001le<sup>c</sup></u></a>

## Dismantling Statement<sup>c</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/statement/DismantlingStatement">http://w3id.org/CEON/ontology/statement/DismantlingStatement</a>
<b>Sub Class Of</b>	<a href="#">PCDSStatement<sup>c</sup></a>
<b>In Domain Of</b>	<a href="#">hasMassFractionOfDismantableComponentsForReuseAndRecycle<sup>op</sup></a>
<b>Super Class Of</b>	<a href="#">MFOfDismantlableComponentForReuseRecycledAvailabilityStatement<sup>c</sup></a> <a href="#">MFOfDismantlableComponentForReuseRecycledStatement<sup>c</sup></a>

## Fraction Of Renewable Energy Availability Statement<sup>C</sup>

**IRI** <http://w3id.org/CEON/ontology/statement/FractionOfRenewableEnergyAvailabilityStatement>

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

## Fraction Of Renewable Energy Statement<sup>C</sup>

**IRI** <http://w3id.org/CEON/ontology/statement/FractionOfRenewableEnergyStatement>

**Sub Class Of** [RenewableEnergyStatement<sup>C</sup>](#)  
[hasFractionOfRenewableEnergyOutOfTheTotalProductionEnergyMix<sup>op</sup> value 25gt-50le<sup>C</sup> or](#)  
[hasFractionOfRenewableEnergyOutOfTheTotalProductionEnergyMix<sup>op</sup> value 50gt-75le<sup>C</sup> or](#)  
[hasFractionOfRenewableEnergyOutOfTheTotalProductionEnergyMix<sup>op</sup> value 95gt-99le<sup>C</sup> or](#)  
[hasFractionOfRenewableEnergyOutOfTheTotalProductionEnergyMix<sup>op</sup> value 10gt-25le<sup>C</sup> or](#)  
[hasFractionOfRenewableEnergyOutOfTheTotalProductionEnergyMix<sup>op</sup> value 75gt-95le<sup>C</sup> or](#)  
[hasFractionOfRenewableEnergyOutOfTheTotalProductionEnergyMix<sup>op</sup> value 99gt-100le<sup>C</sup> or](#)  
[hasFractionOfRenewableEnergyOutOfTheTotalProductionEnergyMix<sup>op</sup> value 0gt-10le<sup>C</sup> or](#)  
[hasFractionOfRenewableEnergyOutOfTheTotalProductionEnergyMix<sup>op</sup> value 0ge-0le<sup>C</sup>](#)

## Hazardous Substance Declaration Availability Statement<sup>C</sup>

**IRI** <http://w3id.org/CEON/ontology/statement/HazardousSubstanceDeclarationAvailabilityStatement>

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

## Hazardous Substance Statement<sup>C</sup>

**IRI** <http://w3id.org/CEON/ontology/statement/HazardousSubstanceStatement>

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

## Mf Of Dismantlable Component For Reuse Recycled Availability Statement<sup>C</sup>

**IRI** <http://w3id.org/CEON/ontology/statement/MFOfDismantlableComponentForReuseRecycledAvailabilityStatement>

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

## Mf Of Dismantlable Component For Reuse Recycled Statement<sup>C</sup>

### IRI

<http://w3id.org/CEON/ontology/statement/MF0fDismantlableComponentForReuseRecycledStatement>

### Sub Class Of

[DismantlingStatement<sup>C</sup>](#)  
[hasMassFractionOfDismantlableComponentsForReuseAndRecycle<sup>op</sup> value 0ge-0le<sup>C</sup> or hasMassFractionOfDismantlableComponentsForReuseAndRecycle<sup>op</sup> value 95gt-99le<sup>C</sup> or](#)  
[hasMassFractionOfDismantlableComponentsForReuseAndRecycle<sup>op</sup> value 50gt-75le<sup>C</sup> or](#)  
[hasMassFractionOfDismantlableComponentsForReuseAndRecycle<sup>op</sup> value 99gt-100le<sup>C</sup> or](#)  
[hasMassFractionOfDismantlableComponentsForReuseAndRecycle<sup>op</sup> value 10gt-25le<sup>C</sup> or](#)  
[hasMassFractionOfDismantlableComponentsForReuseAndRecycle<sup>op</sup> value 25gt-50le<sup>C</sup> or](#)  
[hasMassFractionOfDismantlableComponentsForReuseAndRecycle<sup>op</sup> value 75gt-95le<sup>C</sup> or](#)  
[hasMassFractionOfDismantlableComponentsForReuseAndRecycle<sup>op</sup> value 0gt-10le<sup>C</sup>](#)

## Mf Of Post Consumer Recycled Material Content Availability Statement<sup>C</sup>

### IRI

<http://w3id.org/CEON/ontology/statement/MF0fPostConsumerRecycledMaterialContentAvailabilityStatement>

### Sub Class Of

[RecycledMaterialStatement<sup>C</sup>](#)

## Mf Of Post Consumer Recycled Material Content Statement<sup>C</sup>

### IRI

<http://w3id.org/CEON/ontology/statement/MF0fPostConsumerRecycledMaterialContentStatement>

### Sub Class Of

[RecycledMaterialStatement<sup>C</sup>](#)  
[hasMassFractionOfPostConsumerRecycledMaterialsOutOfTheTotalProductMas<sup>s</sup><sup>op</sup> value 75gt-95le<sup>C</sup> or](#)  
[hasMassFractionOfPostConsumerRecycledMaterialsOutOfTheTotalProductMas<sup>s</sup><sup>op</sup> value 0ge-0le<sup>C</sup> or](#)  
[hasMassFractionOfPostConsumerRecycledMaterialsOutOfTheTotalProductMas<sup>s</sup><sup>op</sup> value 99gt-100le<sup>C</sup> or](#)  
[hasMassFractionOfPostConsumerRecycledMaterialsOutOfTheTotalProductMas<sup>s</sup><sup>op</sup> value 25gt-50le<sup>C</sup> or](#)  
[hasMassFractionOfPostConsumerRecycledMaterialsOutOfTheTotalProductMas<sup>s</sup><sup>op</sup> value 95gt-99le<sup>C</sup> or](#)  
[hasMassFractionOfPostConsumerRecycledMaterialsOutOfTheTotalProductMas<sup>s</sup><sup>op</sup> value 10gt-25le<sup>C</sup> or](#)  
[hasMassFractionOfPostConsumerRecycledMaterialsOutOfTheTotalProductMas<sup>s</sup><sup>op</sup> value 0gt-10le<sup>C</sup> or](#)  
[hasMassFractionOfPostConsumerRecycledMaterialsOutOfTheTotalProductMas<sup>s</sup><sup>op</sup> value 50gt-75le<sup>C</sup>](#)

## Mf Of Pre Consumer Recycled Material Content Availability Statement<sup>C</sup>

### IRI

<http://w3id.org/CEON/ontology/statement/MF0fPreConsumerRecycledMaterialContentAvailabilityStatement>

### Sub Class Of

[RecycledMaterialStatement<sup>C</sup>](#)

## Mf Of Pre Consumer Recycled Material Content Statement<sup>c</sup>

IRI

<http://w3id.org/CEON/ontology/statement/MF0fPreConsumerRecycledMaterialContentStatement>

Sub Class Of

[RecycledMaterialStatement<sup>c</sup>](#)  
[hasMassFractionOfPreConsumerRecycledMaterialsOutOfTheTotalProductMass](#)  
op value [25gt-50le<sup>c</sup>](#) or  
[hasMassFractionOfPreConsumerRecycledMaterialsOutOfTheTotalProductMass](#)  
op value [95gt-99le<sup>c</sup>](#) or  
[hasMassFractionOfPreConsumerRecycledMaterialsOutOfTheTotalProductMass](#)  
op value [50gt-75le<sup>c</sup>](#) or  
[hasMassFractionOfPreConsumerRecycledMaterialsOutOfTheTotalProductMass](#)  
op value [99gt-100le<sup>c</sup>](#) or  
[hasMassFractionOfPreConsumerRecycledMaterialsOutOfTheTotalProductMass](#)  
op value [10gt-25le<sup>c</sup>](#) or  
[hasMassFractionOfPreConsumerRecycledMaterialsOutOfTheTotalProductMass](#)  
op value [0gt-10le<sup>c</sup>](#) or  
[hasMassFractionOfPreConsumerRecycledMaterialsOutOfTheTotalProductMass](#)  
op value [0ge-0le<sup>c</sup>](#) or  
[hasMassFractionOfPreConsumerRecycledMaterialsOutOfTheTotalProductMass](#)  
op value [75gt-95le<sup>c</sup>](#)

## Mf Of Product Designed Cleanly Removed From Fixed Assembly Availability Statement<sup>c</sup>

IRI

<http://w3id.org/CEON/ontology/statement/MF0fProductDesignedCleanlyRemovedFromFixedAssemblyAvailabilityStatement>

Sub Class Of

[DemountingStatement<sup>c</sup>](#)

## Mf Of Product Designed Cleanly Removed From Fixed Assembly Statement<sup>c</sup>

IRI

<http://w3id.org/CEON/ontology/statement/MF0fProductDesignedCleanlyRemovedFromFixedAssemblyStatement>

Sub Class Of

[DemountingStatement<sup>c</sup>](#)  
[hasMassFractionForDemounting](#) op value [50gt-75le<sup>c</sup>](#) or  
[hasMassFractionForDemounting](#) op value [99gt-100le<sup>c</sup>](#) or  
[hasMassFractionForDemounting](#) op value [10gt-25le<sup>c</sup>](#) or  
[hasMassFractionForDemounting](#) op value [95gt-99le<sup>c</sup>](#) or  
[hasMassFractionForDemounting](#) op value [75gt-95le<sup>c</sup>](#) or  
[hasMassFractionForDemounting](#) op value [25gt-50le<sup>c</sup>](#) or  
[hasMassFractionForDemounting](#) op value [0ge-0le<sup>c</sup>](#) or  
[hasMassFractionForDemounting](#) op value [0gt-10le<sup>c</sup>](#)

## Mf Of Product Designed Cleanly Removed From Product Assembly Availability Statement<sup>c</sup>

IRI

<http://w3id.org/CEON/ontology/statement/MF0fProductDesignedCleanlyRemovedFromProductAssemblyAvailabilityStatement>

Sub Class Of

[DisassemblyStatement<sup>c</sup>](#)

## Mf Of Product Designed Cleanly Removed From Product Assembly Statement<sup>c</sup>

IRI

<http://w3id.org/CEON/ontology/statement/MFOfProductDesignedCleanlyRemovedFromProductAssemblyStatement>

Sub Class Of

[DisassemblyStatement<sup>c</sup>](#)  
[hasMassFractionForDisassembly<sup>op</sup>](#) value [10gt-25le<sup>c</sup>](#) or  
[hasMassFractionForDisassembly<sup>op</sup>](#) value [75gt-95le<sup>c</sup>](#) or  
[hasMassFractionForDisassembly<sup>op</sup>](#) value [95gt-99le<sup>c</sup>](#) or  
[hasMassFractionForDisassembly<sup>op</sup>](#) value [0gt-10le<sup>c</sup>](#) or  
[hasMassFractionForDisassembly<sup>op</sup>](#) value [99gt-100le<sup>c</sup>](#) or  
[hasMassFractionForDisassembly<sup>op</sup>](#) value [0ge-0le<sup>c</sup>](#) or  
[hasMassFractionForDisassembly<sup>op</sup>](#) value [25gt-50le<sup>c</sup>](#) or  
[hasMassFractionForDisassembly<sup>op</sup>](#) value [50gt-75le<sup>c</sup>](#)

## Mf Of Product Recycling At Similar Level Availability Statement<sup>c</sup>

IRI

<http://w3id.org/CEON/ontology/statement/MFOfProductRecyclingAtSimilarLevelAvailabilityStatement>

Sub Class Of

[RecyclingStatement<sup>c</sup>](#)

## Mf Of Product Recycling At Similar Level Statement<sup>c</sup>

IRI

<http://w3id.org/CEON/ontology/statement/MFOfProductRecyclingAtSimilarLevelStatement>

Sub Class Of

[RecyclingStatement<sup>c</sup>](#)  
[hasMassFractionOfProductDesignedForRecyclingToOriginalInput<sup>op</sup>](#) value [10gt-25le<sup>c</sup>](#) or [hasMassFractionOfProductDesignedForRecyclingToOriginalInput<sup>op</sup>](#) value [95gt-99le<sup>c</sup>](#) or  
[hasMassFractionOfProductDesignedForRecyclingToOriginalInput<sup>op</sup>](#) value [50gt-75le<sup>c</sup>](#) or [hasMassFractionOfProductDesignedForRecyclingToOriginalInput<sup>op</sup>](#) value [99gt-100le<sup>c</sup>](#) or  
[hasMassFractionOfProductDesignedForRecyclingToOriginalInput<sup>op</sup>](#) value [0gt-10le<sup>c</sup>](#) or [hasMassFractionOfProductDesignedForRecyclingToOriginalInput<sup>op</sup>](#) value [0ge-0le<sup>c</sup>](#) or  
[hasMassFractionOfProductDesignedForRecyclingToOriginalInput<sup>op</sup>](#) value [75gt-95le<sup>c</sup>](#) or [hasMassFractionOfProductDesignedForRecyclingToOriginalInput<sup>op</sup>](#) value [25gt-50le<sup>c</sup>](#)

## Mf Of Product Released To Environment Availability Statement<sup>c</sup>

IRI

<http://w3id.org/CEON/ontology/statement/MFOfProductReleasedToEnvironmentAvailabilityStatement>

Sub Class Of

[ReleasedIntoEnvironmentStatement<sup>c</sup>](#)

## Mf Of Product Released To Environment Statement<sup>C</sup>

IRI

<http://w3id.org/CEON/ontology/statement/MFOfProductReleasedToEnvironmentStatement>

Sub Class Of

[ReleasedIntoEnvironmentStatement<sup>C</sup>](#)

[hasMassFractionOfProductReleasedIntoEnvironment<sup>op</sup> value 75gt-95le<sup>C</sup>](#) or  
[hasMassFractionOfProductReleasedIntoEnvironment<sup>op</sup> value 10gt-25le<sup>C</sup>](#) or  
[hasMassFractionOfProductReleasedIntoEnvironment<sup>op</sup> value 95gt-99le<sup>C</sup>](#) or  
[hasMassFractionOfProductReleasedIntoEnvironment<sup>op</sup> value 99gt-100le<sup>C</sup>](#) or  
[hasMassFractionOfProductReleasedIntoEnvironment<sup>op</sup> value 50gt-75le<sup>C</sup>](#) or  
[hasMassFractionOfProductReleasedIntoEnvironment<sup>op</sup> value 0ge-0le<sup>C</sup>](#) or  
[hasMassFractionOfProductReleasedIntoEnvironment<sup>op</sup> value 0gt-10le<sup>C</sup>](#) or  
[hasMassFractionOfProductReleasedIntoEnvironment<sup>op</sup> value 25gt-50le<sup>C</sup>](#)

## Mf Of Recycled Material Content Availability Statement<sup>C</sup>

IRI

<http://w3id.org/CEON/ontology/statement/MFOfRecycledMaterialContentAvailabilityStatement>

Sub Class Of

[RecycledMaterialStatement<sup>C</sup>](#)

## Mf Of Renewable Material Availability Statement<sup>C</sup>

IRI

<http://w3id.org/CEON/ontology/statement/MFOfRenewableMaterialAvailabilityStatement>

Sub Class Of

[SustainablyProducedRenewableMaterialStatement<sup>C</sup>](#)

## Mf Of Reused Part Availability Statement<sup>C</sup>

IRI

<http://w3id.org/CEON/ontology/statement/MFOfReusedPartAvailabilityStatement>

Sub Class Of

[ReusedContentStatement<sup>C</sup>](#)

## Mass Fraction Of Disclosed Chemical Substance Statement<sup>C</sup>

IRI

<http://w3id.org/CEON/ontology/statement/MassFractionOfDisclosedChemicalSubstanceStatement>

Sub Class Of

[ProductCompositionStatement<sup>C</sup>](#)

[hasMassFractionOfAllDisclosedChemicalSubstance<sup>op</sup> value 10gt-25le<sup>C</sup>](#) or  
[hasMassFractionOfAllDisclosedChemicalSubstance<sup>op</sup> value 95gt-99le<sup>C</sup>](#) or  
[hasMassFractionOfAllDisclosedChemicalSubstance<sup>op</sup> value 50gt-75le<sup>C</sup>](#) or  
[hasMassFractionOfAllDisclosedChemicalSubstance<sup>op</sup> value 25gt-50le<sup>C</sup>](#) or  
[hasMassFractionOfAllDisclosedChemicalSubstance<sup>op</sup> value 99gt-100le<sup>C</sup>](#) or  
[hasMassFractionOfAllDisclosedChemicalSubstance<sup>op</sup> value 0ge-0le<sup>C</sup>](#) or  
[hasMassFractionOfAllDisclosedChemicalSubstance<sup>op</sup> value 0gt-10le<sup>C</sup>](#) or  
[hasMassFractionOfAllDisclosedChemicalSubstance<sup>op</sup> value 75gt-95le<sup>C</sup>](#)

## Mass Fraction Of Recycled Material Statement<sup>c</sup>

IRI

<http://w3id.org/CEON/ontology/statement/MassFractionOfRecycledMaterialStatement>

Sub Class Of

[RecycledMaterialStatement<sup>c</sup>](#)

[hasMassFractionOfRecycledMaterialsOutOfTheTotalProductMass<sup>op</sup>](#) value [95gt-99le<sup>c</sup>](#) or [hasMassFractionOfRecycledMaterialsOutOfTheTotalProductMass<sup>op</sup>](#) value [99gt-100le<sup>c</sup>](#) or  
[hasMassFractionOfRecycledMaterialsOutOfTheTotalProductMass<sup>op</sup>](#) value [0ge-0le<sup>c</sup>](#) or [hasMassFractionOfRecycledMaterialsOutOfTheTotalProductMass<sup>op</sup>](#) value [10gt-25le<sup>c</sup>](#) or  
[hasMassFractionOfRecycledMaterialsOutOfTheTotalProductMass<sup>op</sup>](#) value [25gt-50le<sup>c</sup>](#) or [hasMassFractionOfRecycledMaterialsOutOfTheTotalProductMass<sup>op</sup>](#) value [75gt-95le<sup>c</sup>](#) or  
[hasMassFractionOfRecycledMaterialsOutOfTheTotalProductMass<sup>op</sup>](#) value [0gt-10le<sup>c</sup>](#) or [hasMassFractionOfRecycledMaterialsOutOfTheTotalProductMass<sup>op</sup>](#) value [50gt-75le<sup>c</sup>](#)

## Mass Fraction Of Renewable Material Statement<sup>c</sup>

IRI

<http://w3id.org/CEON/ontology/statement/MassFractionOfRenewableMaterialStatement>

Sub Class Of

[SustainablyProducedRenewableMaterialStatement<sup>c</sup>](#)

[hasMassFractionOfRenewableMaterialsOutOfTheTotalProductMass<sup>op</sup>](#) value [0ge-0le<sup>c</sup>](#) or [hasMassFractionOfRenewableMaterialsOutOfTheTotalProductMass<sup>op</sup>](#) value [95gt-99le<sup>c</sup>](#) or  
[hasMassFractionOfRenewableMaterialsOutOfTheTotalProductMass<sup>op</sup>](#) value [75gt-95le<sup>c</sup>](#) or  
[hasMassFractionOfRenewableMaterialsOutOfTheTotalProductMass<sup>op</sup>](#) value [10gt-25le<sup>c</sup>](#) or  
[hasMassFractionOfRenewableMaterialsOutOfTheTotalProductMass<sup>op</sup>](#) value [25gt-50le<sup>c</sup>](#) or  
[hasMassFractionOfRenewableMaterialsOutOfTheTotalProductMass<sup>op</sup>](#) value [0gt-10le<sup>c</sup>](#) or  
[hasMassFractionOfRenewableMaterialsOutOfTheTotalProductMass<sup>op</sup>](#) value [99gt-100le<sup>c</sup>](#) or  
[hasMassFractionOfRenewableMaterialsOutOfTheTotalProductMass<sup>op</sup>](#) value [50gt-75le<sup>c</sup>](#)

## Mass Fraction Of Reused Part Statement<sup>c</sup>

IRI

<http://w3id.org/CEON/ontology/statement/MassFractionOfReusedPartStatement>

Sub Class Of

[ReusedContentStatement<sup>c</sup>](#)

[hasMassFractionOfReusedPartsOutOfTheTotalProduct<sup>op</sup>](#) value [25gt-50le<sup>c</sup>](#) or  
[hasMassFractionOfReusedPartsOutOfTheTotalProduct<sup>op</sup>](#) value [75gt-95le<sup>c</sup>](#) or  
[hasMassFractionOfReusedPartsOutOfTheTotalProduct<sup>op</sup>](#) value [10gt-25le<sup>c</sup>](#) or  
[hasMassFractionOfReusedPartsOutOfTheTotalProduct<sup>op</sup>](#) value [0gt-10le<sup>c</sup>](#) or  
[hasMassFractionOfReusedPartsOutOfTheTotalProduct<sup>op</sup>](#) value [50gt-75le<sup>c</sup>](#) or  
[hasMassFractionOfReusedPartsOutOfTheTotalProduct<sup>op</sup>](#) value [0ge-0le<sup>c</sup>](#) or  
[hasMassFractionOfReusedPartsOutOfTheTotalProduct<sup>op</sup>](#) value [95gt-99le<sup>c</sup>](#) or  
[hasMassFractionOfReusedPartsOutOfTheTotalProduct<sup>op</sup>](#) value [99gt-100le<sup>c</sup>](#)

## Pc Availability Statement<sup>c</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/statement/PCAvailabilityStatement">http://w3id.org/CEON/ontology/statement/PCAvailabilityStatement</a>
<b>Sub Class Of</b>	<a href="#">ProductCompositionStatement<sup>c</sup></a>

## Pcds Statement<sup>c</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/statement/PCDSStatement">http://w3id.org/CEON/ontology/statement/PCDSStatement</a>
<b>Sub Class Of</b>	<a href="#">Statement<sup>c</sup></a>
<b>Super Class Of</b>	<a href="#">DemountingStatement<sup>c</sup></a> <a href="#">DisassemblyStatement<sup>c</sup></a> <a href="#">DismantlingStatement<sup>c</sup></a> <a href="#">ProductCompositionStatement<sup>c</sup></a> <a href="#">RecycledMaterialStatement<sup>c</sup></a> <a href="#">RecyclingStatement<sup>c</sup></a> <a href="#">ReleasedIntoEnvironmentStatement<sup>c</sup></a> <a href="#">RenewableEnergyStatement<sup>c</sup></a> <a href="#">ReusedContentStatement<sup>c</sup></a> <a href="#">SustainablyProducedRenewableMaterialStatement<sup>c</sup></a> <a href="#">WaterReuseOrRecirculationStatement<sup>c</sup></a>

## Post Consumer Recycled Material Composition Availability Statement<sup>c</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/statement/PostConsumerRecycledMaterialCompositionAvailabilityStatement">http://w3id.org/CEON/ontology/statement/PostConsumerRecycledMaterialCompositionAvailabilityStatement</a>
<b>Sub Class Of</b>	<a href="#">RecycledMaterialStatement<sup>c</sup></a>

## Post Consumer Recycled Material Composition Statement<sup>c</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/statement/PostConsumerRecycledMaterialCompositionStatement">http://w3id.org/CEON/ontology/statement/PostConsumerRecycledMaterialCompositionStatement</a>
<b>Sub Class Of</b>	<a href="#">RecycledMaterialStatement<sup>c</sup></a>
<b>Restriction</b>	<a href="#">hasPostConsumerRecycledMaterialCompositionThreshold<sup>op</sup> value</a> <a href="#">PostConsumerRecycledMaterialCompositionStatement<sup>c</sup></a>

## Pre Consumer Recycled Material Composition Availability Statement<sup>c</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/statement/PreConsumerRecycledMaterialCompositionAvailabilityStatement">http://w3id.org/CEON/ontology/statement/PreConsumerRecycledMaterialCompositionAvailabilityStatement</a>
<b>Sub Class Of</b>	<a href="#">RecycledMaterialStatement<sup>c</sup></a>

## Pre Consumer Recycled Material Composition Statement<sup>c</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/statement/PreConsumerRecycledMaterialCompositionStatement">http://w3id.org/CEON/ontology/statement/PreConsumerRecycledMaterialCompositionStatement</a>
<b>Sub Class Of</b>	<a href="#">RecycledMaterialStatement<sup>c</sup></a>
<b>Restriction</b>	<a href="#">hasPreConsumerRecycledMaterialCompositionThreshold<sup>op</sup></a> value <a href="#">PreConsumerRecycledMaterialCompositionStatement<sup>c</sup></a>

## Product Composition Certification Statement<sup>c</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/statement/ProductCompositionCertificationStatement">http://w3id.org/CEON/ontology/statement/ProductCompositionCertificationStatement</a>
<b>Sub Class Of</b>	<a href="#">ProductCompositionStatement<sup>c</sup></a>

## Product Composition Statement<sup>c</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/statement/ProductCompositionStatement">http://w3id.org/CEON/ontology/statement/ProductCompositionStatement</a>
<b>Sub Class Of</b>	<a href="#">PCDSStatement<sup>c</sup></a>
<b>In Domain Of</b>	<a href="#">hasChemicalSubstanceThresholdUsedByManufacturer<sup>op</sup></a> <a href="#">hasMassFractionOfAllDisclosedChemicalSubstance<sup>op</sup></a>
<b>Super Class Of</b>	<a href="#">DisclosedChemicalSubstanceStatement<sup>c</sup></a> <a href="#">HazardousSubstanceDeclarationAvailabilityStatement<sup>c</sup></a> <a href="#">HazardousSubstanceStatement<sup>c</sup></a> <a href="#">MassFractionOfDisclosedChemicalSubstanceStatement<sup>c</sup></a> <a href="#">PCAvaliabilityStatement<sup>c</sup></a> <a href="#">ProductCompositionCertificationStatement<sup>c</sup></a> <a href="#">ProductCompositionValidationStatement<sup>c</sup></a>

## Product Composition Validation Statement<sup>c</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/statement/ProductCompositionValidationStatement">http://w3id.org/CEON/ontology/statement/ProductCompositionValidationStatement</a>
<b>Sub Class Of</b>	<a href="#">ProductCompositionStatement<sup>c</sup></a>

## Recycled Material Statement <sup>c</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/statement/RecycledMaterialStatement">http://w3id.org/CEON/ontology/statement/RecycledMaterialStatement</a>
<b>Sub Class Of</b>	<a href="#">PCDSStatement<sup>c</sup></a>
<b>In Domain Of</b>	<a href="#">hasMassFractionOfPostConsumerRecycledMaterialsOutOfTheTotalProductMass<sup>op</sup></a> <a href="#">hasMassFractionOfPreConsumerRecycledMaterialsOutOfTheTotalProductMass<sup>op</sup></a> <a href="#">hasMassFractionOfRecycledMaterialsOutOfTheTotalProductMass<sup>op</sup></a> <a href="#">hasPostConsumerRecycledMaterialCompositionThreshold<sup>op</sup></a> <a href="#">hasPreConsumerRecycledMaterialCompositionThreshold<sup>op</sup></a>
<b>Super Class Of</b>	<a href="#">MFOfPostConsumerRecycledMaterialContentAvailabilityStatement<sup>c</sup></a> <a href="#">MFOfPostConsumerRecycledMaterialContentStatement<sup>c</sup></a> <a href="#">MFOfPreConsumerRecycledMaterialContentAvailabilityStatement<sup>c</sup></a> <a href="#">MFOfPreConsumerRecycledMaterialContentStatement<sup>c</sup></a> <a href="#">MFOfRecycledMaterialContentAvailabilityStatement<sup>c</sup></a> <a href="#">MassFractionOfRecycledMaterialStatement<sup>c</sup></a> <a href="#">PostConsumerRecycledMaterialCompositionAvailabilityStatement<sup>c</sup></a> <a href="#">PostConsumerRecycledMaterialCompositionStatement<sup>c</sup></a> <a href="#">PreConsumerRecycledMaterialCompositionAvailabilityStatement<sup>c</sup></a> <a href="#">PreConsumerRecycledMaterialCompositionStatement<sup>c</sup></a>

## Recycling Statement <sup>c</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/statement/RecyclingStatement">http://w3id.org/CEON/ontology/statement/RecyclingStatement</a>
<b>Sub Class Of</b>	<a href="#">PCDSStatement<sup>c</sup></a>
<b>In Domain Of</b>	<a href="#">hasMassFractionOfProductDesignedForRecyclingToOriginalInput<sup>op</sup></a>
<b>Super Class Of</b>	<a href="#">MFOfProductRecyclingAtSimilarLevelAvailabilityStatement<sup>c</sup></a> <a href="#">MFOfProductRecyclingAtSimilarLevelStatement<sup>c</sup></a>

## Released Into Environment Statement <sup>c</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/statement/ReleasedIntoEnvironmentStatement">http://w3id.org/CEON/ontology/statement/ReleasedIntoEnvironmentStatement</a>
<b>Sub Class Of</b>	<a href="#">PCDSStatement<sup>c</sup></a>
<b>In Domain Of</b>	<a href="#">hasMassFractionOfProductReleasedIntoEnvironment<sup>op</sup></a>
<b>Super Class Of</b>	<a href="#">MFOfProductReleasedToEnvironmentAvailabilityStatement<sup>c</sup></a> <a href="#">MFOfProductReleasedToEnvironmentStatement<sup>c</sup></a>

## Renewable Energy Statement<sup>c</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/statement/RenewableEnergyStatement">http://w3id.org/CEON/ontology/statement/RenewableEnergyStatement</a>
<b>Sub Class Of</b>	<a href="#">PCDSStatement<sup>c</sup></a>
<b>In Domain Of</b>	<a href="#">hasFractionOfRenewableEnergyOutOfTheTotalProductionEnergyMix<sup>op</sup></a>
<b>Super Class Of</b>	<a href="#">FractionOfRenewableEnergyAvailabilityStatement<sup>c</sup></a> <a href="#">FractionOfRenewableEnergyStatement<sup>c</sup></a>

## Reused Content Statement<sup>c</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/statement/ReusedContentStatement">http://w3id.org/CEON/ontology/statement/ReusedContentStatement</a>
<b>Sub Class Of</b>	<a href="#">PCDSStatement<sup>c</sup></a>
<b>In Domain Of</b>	<a href="#">hasMassFractionOfReusedPartsOutOfTheTotalProduct<sup>op</sup></a>
<b>Super Class Of</b>	<a href="#">MFOfReusedPartAvailabilityStatement<sup>c</sup></a> <a href="#">MassFractionOfReusedPartStatement<sup>c</sup></a>

## Statement<sup>c</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/statement/Statement">http://w3id.org/CEON/ontology/statement/Statement</a>
<b>Sub Class Of</b>	<a href="#">Entity<sup>c</sup></a>
<b>In Domain Of</b>	<a href="#">statementAbout<sup>op</sup></a> <a href="#">statementValue<sup>dp</sup></a>
<b>Super Class Of</b>	<a href="#">PCDSStatement<sup>c</sup></a>

## Sustainably Produced Renewable Material Statement<sup>c</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/statement/SustainablyProducedRenewableMaterialStatement">http://w3id.org/CEON/ontology/statement/SustainablyProducedRenewableMaterialStatement</a>
<b>Sub Class Of</b>	<a href="#">PCDSStatement<sup>c</sup></a>
<b>In Domain Of</b>	<a href="#">hasMassFractionOfRenewableMaterialsOutOfTheTotalProductMass<sup>op</sup></a>
<b>Super Class Of</b>	<a href="#">MFOfRenewableMaterialAvailabilityStatement<sup>c</sup></a> <a href="#">MassFractionOfRenewableMaterialStatement<sup>c</sup></a>

## Vf Of Reduction Direct Water Availability Statement<sup>c</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/statement/VFOfReductionDirectWaterAvailabilityStatement">http://w3id.org/CEON/ontology/statement/VFOfReductionDirectWaterAvailabilityStatement</a>
<b>Sub Class Of</b>	<a href="#">WaterReuseOrRecirculationStatement<sup>c</sup></a>

## Vf Of Reduction Direct Water Statement<sup>C</sup>

### IRI

<http://w3id.org/CEON/ontology/statement/VF0fReductionDirectWaterStatement>

### Sub Class Of

[WaterReuseOrRecirculationStatement<sup>C</sup>](#)  
[hasVolumeFractionOfReductionOfDirectWaterConsumptionUsedInProduction<sup>op</sup>](#) value [75gt-95le<sup>C</sup>](#) or  
[hasVolumeFractionOfReductionOfDirectWaterConsumptionUsedInProduction<sup>op</sup>](#) value [0ge-0le<sup>C</sup>](#) or  
[hasVolumeFractionOfReductionOfDirectWaterConsumptionUsedInProduction<sup>op</sup>](#) value [95gt-99le<sup>C</sup>](#) or  
[hasVolumeFractionOfReductionOfDirectWaterConsumptionUsedInProduction<sup>op</sup>](#) value [0gt-10le<sup>C</sup>](#) or  
[hasVolumeFractionOfReductionOfDirectWaterConsumptionUsedInProduction<sup>op</sup>](#) value [10gt-25le<sup>C</sup>](#) or  
[hasVolumeFractionOfReductionOfDirectWaterConsumptionUsedInProduction<sup>op</sup>](#) value [99gt-100le<sup>C</sup>](#) or  
[hasVolumeFractionOfReductionOfDirectWaterConsumptionUsedInProduction<sup>op</sup>](#) value [50gt-75le<sup>C</sup>](#) or  
[hasVolumeFractionOfReductionOfDirectWaterConsumptionUsedInProduction<sup>op</sup>](#) value [25gt-50le<sup>C</sup>](#)

## Vf Of Reused Recirculated Water Availability Statement<sup>C</sup>

### IRI

<http://w3id.org/CEON/ontology/statement/VF0fReusedRecirculatedWaterAvailabilityStatement>

### Sub Class Of

[WaterReuseOrRecirculationStatement<sup>C</sup>](#)

## Vf Of Reused Recirculated Water Statement<sup>C</sup>

### IRI

<http://w3id.org/CEON/ontology/statement/VF0fReusedRecirculatedWaterStatement>

### Sub Class Of

[WaterReuseOrRecirculationStatement<sup>C</sup>](#)  
[hasVolumeFractionOfReusedOrRecirculatedWaterUsedInProduction<sup>op</sup>](#) value [95gt-99le<sup>C</sup>](#) or  
[hasVolumeFractionOfReusedOrRecirculatedWaterUsedInProduction<sup>op</sup>](#) value [99gt-100le<sup>C</sup>](#) or  
[hasVolumeFractionOfReusedOrRecirculatedWaterUsedInProduction<sup>op</sup>](#) value [10gt-25le<sup>C</sup>](#) or  
[hasVolumeFractionOfReusedOrRecirculatedWaterUsedInProduction<sup>op</sup>](#) value [0ge-0le<sup>C</sup>](#) or  
[hasVolumeFractionOfReusedOrRecirculatedWaterUsedInProduction<sup>op</sup>](#) value [75gt-95le<sup>C</sup>](#) or  
[hasVolumeFractionOfReusedOrRecirculatedWaterUsedInProduction<sup>op</sup>](#) value [0gt-10le<sup>C</sup>](#) or  
[hasVolumeFractionOfReusedOrRecirculatedWaterUsedInProduction<sup>op</sup>](#) value [50gt-75le<sup>C</sup>](#) or  
[hasVolumeFractionOfReusedOrRecirculatedWaterUsedInProduction<sup>op</sup>](#) value [25gt-50le<sup>C</sup>](#)

## Validation<sup>c</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/statement/Validation">http://w3id.org/CEON/ontology/statement/Validation</a>
<b>In Range Of</b>	<a href="#">hasValidation<sup>op</sup></a>
<b>Named Individuals</b>	<a href="#">certified<sup>ni</sup></a> <a href="#">validatedByThirdParty<sup>ni</sup></a>

## Water Reuse Or Recirculation Statement

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/statement/WaterReuseOrRecirculationStatement">http://w3id.org/CEON/ontology/statement/WaterReuseOrRecirculationStatement</a>
<b>Sub Class Of</b>	<a href="#">PCDSStatement<sup>c</sup></a>
<b>In Domain Of</b>	<a href="#">hasVolumeFractionOfReductionOfDirectWaterConsumptionUsedInProduction<sup>op</sup></a> <a href="#">hasVolumeFractionOfReusedOrRecirculatedWaterUsedInProduction<sup>op</sup></a>
<b>Super Class Of</b>	<a href="#">VFOfReductionDirectWaterAvailabilityStatement<sup>c</sup></a> <a href="#">VFOfReductionDirectWaterStatement<sup>c</sup></a> <a href="#">VFOfReusedRecirculatedWaterAvailabilityStatement<sup>c</sup></a> <a href="#">VFOfReusedRecirculatedWaterStatement<sup>c</sup></a>

## Entity<sup>c</sup>

<b>IRI</b>	<a href="http://www.w3.org/ns/prov#Entity">http://www.w3.org/ns/prov#Entity</a>
<b>Super Class Of</b>	<a href="#">resourceODP:Resource</a> <a href="#">Statement<sup>c</sup></a>

## Role<sup>c</sup>

<b>IRI</b>	<a href="http://www.w3.org/ns/prov#Role">http://www.w3.org/ns/prov#Role</a>
<b>Super Class Of</b>	<a href="http://w3id.org/CEON/ontology/actorODP/Role">http://w3id.org/CEON/ontology/actorODP/Role</a>

## Object Properties

### has availability<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/statement/hasAvailability">http://w3id.org/CEON/ontology/statement/hasAvailability</a>
<b>Range</b>	<a href="#">Availability<sup>c</sup></a>

has chemical substance threshold used by manufacturer<sup>op</sup>

**IRI** <http://w3id.org/CEON/ontology/statement/hasChemicalSubstanceThresholdUsedByManufacturer>

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

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

**Range** <http://w3id.org/CEON/ontology/quantity/#QuantityInterval<sup>c</sup>>

has fraction of renewable energy out of the total production energy mix<sup>op</sup>

**IRI** <http://w3id.org/CEON/ontology/statement/hasFractionOfRenewableEnergyOutOfTheTotalProductionEnergyMix>

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

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

**Range** <http://w3id.org/CEON/ontology/quantity/#QuantityInterval<sup>c</sup>>

has mass fraction for demounting<sup>op</sup>

**IRI** <http://w3id.org/CEON/ontology/statement/hasMassFractionForDemounting>

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

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

**Range** <http://w3id.org/CEON/ontology/quantity/#QuantityInterval<sup>c</sup>>

has mass fraction for disassembly<sup>op</sup>

**IRI** <http://w3id.org/CEON/ontology/statement/hasMassFractionForDisassembly>

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

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

**Range** <http://w3id.org/CEON/ontology/quantity/#QuantityInterval<sup>c</sup>>

has mass fraction of all disclosed chemical substance<sup>op</sup>

**IRI** <http://w3id.org/CEON/ontology/statement/hasMassFractionOfAllDisclosedChemicalSubstance>

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

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

**Range** <http://w3id.org/CEON/ontology/quantity/#QuantityInterval<sup>c</sup>>

has mass fraction of dismantable components for reuse and recycle<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/statement/hasMassFractionOfDismantableComponentsForReuseAndRecycle">http://w3id.org/CEON/ontology/statement/hasMassFractionOfDismantableComponentsForReuseAndRecycle</a>
<b>Sub Property Of</b>	<a href="#">hasQuantityInterval<sup>op</sup></a>
<b>Domain</b>	<a href="#">DismantlingStatement<sup>c</sup></a>
<b>Range</b>	<a href="http://w3id.org/CEON/ontology/quantity/#QuantityInterval">http://w3id.org/CEON/ontology/quantity/#QuantityInterval<sup>c</sup></a>

has mass fraction of post consumer recycled materials out of the total product mass<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/statement/hasMassFractionOfPostConsumerRecycledMaterialsOutOfTheTotalProductMass">http://w3id.org/CEON/ontology/statement/hasMassFractionOfPostConsumerRecycledMaterialsOutOfTheTotalProductMass</a>
<b>Sub Property Of</b>	<a href="#">hasQuantityInterval<sup>op</sup></a>
<b>Domain</b>	<a href="#">RecycledMaterialStatement<sup>c</sup></a>
<b>Range</b>	<a href="http://w3id.org/CEON/ontology/quantity/#QuantityInterval">http://w3id.org/CEON/ontology/quantity/#QuantityInterval<sup>c</sup></a>

has mass fraction of pre consumer recycled materials out of the total product mass<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/statement/hasMassFractionOfPreConsumerRecycledMaterialsOutOfTheTotalProductMass">http://w3id.org/CEON/ontology/statement/hasMassFractionOfPreConsumerRecycledMaterialsOutOfTheTotalProductMass</a>
<b>Sub Property Of</b>	<a href="#">hasQuantityInterval<sup>op</sup></a>
<b>Domain</b>	<a href="#">RecycledMaterialStatement<sup>c</sup></a>
<b>Range</b>	<a href="http://w3id.org/CEON/ontology/quantity/#QuantityInterval">http://w3id.org/CEON/ontology/quantity/#QuantityInterval<sup>c</sup></a>

has mass fraction of product designed for recycling to original input<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/statement/hasMassFractionOfProductDesignedForRecyclingToOriginalInput">http://w3id.org/CEON/ontology/statement/hasMassFractionOfProductDesignedForRecyclingToOriginalInput</a>
<b>Sub Property Of</b>	<a href="#">hasQuantityInterval<sup>op</sup></a>
<b>Domain</b>	<a href="#">RecyclingStatement<sup>c</sup></a>
<b>Range</b>	<a href="http://w3id.org/CEON/ontology/quantity/#QuantityInterval">http://w3id.org/CEON/ontology/quantity/#QuantityInterval<sup>c</sup></a>

has mass fraction of product released into environment<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/statement/hasMassFractionOfProductReleasedIntoEnvironment">http://w3id.org/CEON/ontology/statement/hasMassFractionOfProductReleasedIntoEnvironment</a>
<b>Sub Property Of</b>	<a href="#">hasQuantityInterval<sup>op</sup></a>
<b>Domain</b>	<a href="#">ReleasedIntoEnvironmentStatement<sup>c</sup></a>
<b>Range</b>	<a href="http://w3id.org/CEON/ontology/quantity/#QuantityInterval">http://w3id.org/CEON/ontology/quantity/#QuantityInterval<sup>c</sup></a>

has mass fraction of recycled materials out of the total product mass<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/statement/hasMassFractionOfRecycledMaterialsOutOfTheTotalProductMass">http://w3id.org/CEON/ontology/statement/hasMassFractionOfRecycledMaterialsOutOfTheTotalProductMass</a>
<b>Sub Property Of</b>	<a href="#">hasQuantityInterval<sup>op</sup></a>
<b>Domain</b>	<a href="#">RecycledMaterialStatement<sup>c</sup></a>
<b>Range</b>	<a href="http://w3id.org/CEON/ontology/quantity/#QuantityInterval">http://w3id.org/CEON/ontology/quantity/#QuantityInterval<sup>c</sup></a>

has mass fraction of renewable materials out of the total product mass<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/statement/hasMassFractionOfRenewableMaterialsOutOfTheTotalProductMass">http://w3id.org/CEON/ontology/statement/hasMassFractionOfRenewableMaterialsOutOfTheTotalProductMass</a>
<b>Sub Property Of</b>	<a href="#">hasQuantityInterval<sup>op</sup></a>
<b>Domain</b>	<a href="#">SustainablyProducedRenewableMaterialStatement<sup>c</sup></a>
<b>Range</b>	<a href="http://w3id.org/CEON/ontology/quantity/#QuantityInterval">http://w3id.org/CEON/ontology/quantity/#QuantityInterval<sup>c</sup></a>

has mass fraction of reused parts out of the total product<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/statement/hasMassFractionOfReusedPartsOutOfTheTotalProduct">http://w3id.org/CEON/ontology/statement/hasMassFractionOfReusedPartsOutOfTheTotalProduct</a>
<b>Sub Property Of</b>	<a href="#">hasQuantityInterval<sup>op</sup></a>
<b>Domain</b>	<a href="#">ReusedContentStatement<sup>c</sup></a>
<b>Range</b>	<a href="http://w3id.org/CEON/ontology/quantity/#QuantityInterval">http://w3id.org/CEON/ontology/quantity/#QuantityInterval<sup>c</sup></a>

has post consumer recycled material composition threshold<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/statement/hasPostConsumerRecycledMaterialCompositionThreshold">http://w3id.org/CEON/ontology/statement/hasPostConsumerRecycledMaterialCompositionThreshold</a>
<b>Sub Property Of</b>	<a href="#">hasQuantityInterval<sup>op</sup></a>
<b>Domain</b>	<a href="#">RecycledMaterialStatement<sup>c</sup></a>
<b>Range</b>	<a href="http://w3id.org/CEON/ontology/quantity/#QuantityInterval">http://w3id.org/CEON/ontology/quantity/#QuantityInterval<sup>c</sup></a>

has pre consumer recycled material composition threshold<sup>op</sup>

<b>IRI</b>	<a href="http://w3id.org/CEON/ontology/statement/hasPreConsumerRecycledMaterialCompositionThreshold">http://w3id.org/CEON/ontology/statement/hasPreConsumerRecycledMaterialCompositionThreshold</a>
<b>Sub Property Of</b>	<a href="#">hasQuantityInterval<sup>op</sup></a>
<b>Domain</b>	<a href="#">RecycledMaterialStatement<sup>c</sup></a>
<b>Range</b>	<a href="http://w3id.org/CEON/ontology/quantity/#QuantityInterval">http://w3id.org/CEON/ontology/quantity/#QuantityInterval<sup>c</sup></a>

has quantity interval<sup>op</sup>

**IRI** <http://w3id.org/CEON/ontology/statement/hasQuantityInterval>

**Super Property Of**

- [hasChemicalSubstanceThresholdUsedByManufacturer<sup>op</sup>](#)
- [hasFractionOfRenewableEnergyOutOfTheTotalProductionEnergyMix<sup>op</sup>](#)
- [hasMassFractionForDemounting<sup>op</sup>](#)
- [hasMassFractionForDisassembly<sup>op</sup>](#)
- [hasMassFractionOfAllDisclosedChemicalSubstance<sup>op</sup>](#)
- [hasMassFractionOfDismantleableComponentsForReuseAndRecycle<sup>op</sup>](#)
- [hasMassFractionOfPostConsumerRecycledMaterialsOutOfTheTotalProductMass<sup>op</sup>](#)
- [hasMassFractionOfPreConsumerRecycledMaterialsOutOfTheTotalProductMass<sup>op</sup>](#)
- [hasMassFractionOfProductDesignedForRecyclingToOriginalInput<sup>op</sup>](#)
- [hasMassFractionOfProductReleasedIntoEnvironment<sup>op</sup>](#)
- [hasMassFractionOfRecycledMaterialsOutOfTheTotalProductMass<sup>op</sup>](#)
- [hasMassFractionOfRenewableMaterialsOutOfTheTotalProductMass<sup>op</sup>](#)
- [hasMassFractionOfReusedPartsOutOfTheTotalProduct<sup>op</sup>](#)
- [hasPostConsumerRecycledMaterialCompositionThreshold<sup>op</sup>](#)
- [hasPreConsumerRecycledMaterialCompositionThreshold<sup>op</sup>](#)
- [hasVolumeFractionOfReductionOfDirectWaterConsumptionUsedInProduction<sup>op</sup>](#)
- [hasVolumeFractionOfReusedOrRecirculatedWaterUsedInProduction<sup>op</sup>](#)

**Range**

<http://w3id.org/CEON/ontology/quantity/#QuantityInterval><sup>c</sup>

has validation<sup>op</sup>

**IRI** <http://w3id.org/CEON/ontology/statement/hasValidation>

**Range**

[Validation](#)<sup>c</sup>

has volume fraction of reduction of direct water consumption used in production<sup>op</sup>

**IRI** <http://w3id.org/CEON/ontology/statement/hasVolumeFractionOfReductionOfDirectWaterConsumptionUsedInProduction>

**Sub Property Of**

[hasQuantityInterval<sup>op</sup>](#)

**Domain**

[WaterReuseOrRecirculationStatement](#)<sup>c</sup>

**Range**

<http://w3id.org/CEON/ontology/quantity/#QuantityInterval><sup>c</sup>

has volume fraction of reused or recirculated water used in production<sup>op</sup>

**IRI** <http://w3id.org/CEON/ontology/statement/hasVolumeFractionOfReusedOrRecirculatedWaterUsedInProduction>

**Sub Property Of**

[hasQuantityInterval<sup>op</sup>](#)

**Domain**

[WaterReuseOrRecirculationStatement](#)<sup>c</sup>

**Range**

<http://w3id.org/CEON/ontology/quantity/#QuantityInterval><sup>c</sup>

statement about<sup>op</sup>

**IRI** <http://w3id.org/CEON/ontology/statement/statementAbout>

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

## Datatype Properties

available end date<sup>dp</sup>

**IRI** <http://w3id.org/CEON/ontology/statement/availableEndDate>

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

available start date<sup>dp</sup>

**IRI** <http://w3id.org/CEON/ontology/statement/availableStartDate>

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

is pcds statement true<sup>dp</sup>

**IRI** <http://w3id.org/CEON/ontology/statement/isPCDSStatementTrue>

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

statement value<sup>dp</sup>

**IRI** <http://w3id.org/CEON/ontology/statement/statementValue>

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

## Annotation Properties

issued<sup>ap</sup>

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

publisher<sup>ap</sup>

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

has unit<sup>ap</sup>

**IRI** <http://qudt.org/schema/qudt/hasUnit>

numeric value<sup>ap</sup>

IRI <http://qudt.org/schema/qudt/numericValue>

has maximal value included of interval<sup>ap</sup>

IRI <http://w3id.org/CEON/ontology/quantity#hasMaximalValueIncludedOfInterval>

has minimal value included of interval<sup>ap</sup>

IRI <http://w3id.org/CEON/ontology/quantity#hasMinimalValueIncludedOfInterval>

has minimal value not included of interval<sup>ap</sup>

IRI <http://w3id.org/CEON/ontology/quantity#hasMinimalValueNotIncludedOfInterval>

Pcd Smapping<sup>ap</sup>

IRI <http://w3id.org/CEON/ontology/statement/PCDSmapping>

## Namespaces

:

**dcterms** <http://purl.org/dc/terms/>

**owl** <http://www.w3.org/2002/07/owl#>

**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/>

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

**xsd** <http://www.w3.org/2001/XMLSchema#>

## Legend

c	Classes
op	Object Properties
dp	Datatype Properties
ap	Annotation Properties