

# 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>

### IRI

<http://w3id.org/CE0N/ontology/quantity#QuantityInterval>

### In Range Of

[hasChemicalSubstanceThresholdUsedByManufacturer<sup>op</sup>](#)  
[hasFractionOfRenewableEnergyOutOfTheTotalProductionEnergyMix<sup>op</sup>](#)  
[hasMassFractionForDemounting<sup>op</sup>](#)  
[hasMassFractionForDisassembly<sup>op</sup>](#)  
[hasMassFractionOfAllDisclosedChemicalSubstance<sup>op</sup>](#)  
[hasMassFractionOfDismantableComponentsForReuseAndRecycle<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>](#)  
[hasQuantityInterval<sup>op</sup>](#)  
[hasVolumeFractionOfReductionOfDirectWaterConsumptionUsedInProduction<sup>op</sup>](#)  
[hasVolumeFractionOfReusedOrRecirculatedWaterUsedInProduction<sup>op</sup>](#)

### 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>

### IRI

<http://w3id.org/CE0N/ontology/statement/Availability>

### In Range Of

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

### Named Individuals

[public<sup>ni</sup>](#)  
[secrectAgreement<sup>ni</sup>](#)

## Demounting Statement<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CE0N/ontology/statement/DemountingStatement">http://w3id.org/CE0N/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/CE0N/ontology/statement/DisassemblyStatement">http://w3id.org/CE0N/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/CE0N/ontology/statement/DisclosedChemicalSubstanceStatement">http://w3id.org/CE0N/ontology/statement/DisclosedChemicalSubstanceStatement</a>
<b>Sub Class Of</b>	<a href="#">ProductCompositionStatement<sup>C</sup></a> <a href="#">hasChemicalSubstanceThresholdUsedByManufacturer<sup>op</sup> value 1g<sup>C</sup> or</a> <a href="#">hasChemicalSubstanceThresholdUsedByManufacturer<sup>op</sup> value 0gt-0.001le<sup>C</sup> or</a> <a href="#">hasChemicalSubstanceThresholdUsedByManufacturer<sup>op</sup> value 0gt-0.01le<sup>C</sup> or</a> <a href="#">hasChemicalSubstanceThresholdUsedByManufacturer<sup>op</sup> value 0gt-0.1le<sup>C</sup></a>

## Dismantling Statement<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CE0N/ontology/statement/DismantlingStatement">http://w3id.org/CE0N/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/CE0N/ontology/statement/FractionOfRenewableEnergyAvailabilityStatement>

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

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

**IRI** <http://w3id.org/CE0N/ontology/statement/FractionOfRenewableEnergyStatement>

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

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

**IRI** <http://w3id.org/CE0N/ontology/statement/HazardousSubstanceDeclarationAvailabilityStatement>

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

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

**IRI** <http://w3id.org/CE0N/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/CE0N/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/CE0N/ontology/statement/MF0fDismantlableComponentForReuseRecycledStatement>

### Sub Class Of

[DismantlingStatement<sup>C</sup>](#)  
[hasMassFractionOfDismantableComponentsForReuseAndRecycle<sup>Op</sup>](#) value [25gt-50le<sup>C</sup>](#) or  
[hasMassFractionOfDismantableComponentsForReuseAndRecycle<sup>Op</sup>](#) value [50gt-75le<sup>C</sup>](#) or  
[hasMassFractionOfDismantableComponentsForReuseAndRecycle<sup>Op</sup>](#) value [99gt-100le<sup>C</sup>](#) or  
[hasMassFractionOfDismantableComponentsForReuseAndRecycle<sup>Op</sup>](#) value [95gt-99le<sup>C</sup>](#) or  
[hasMassFractionOfDismantableComponentsForReuseAndRecycle<sup>Op</sup>](#) value [0ge-0le<sup>C</sup>](#) or [hasMassFractionOfDismantableComponentsForReuseAndRecycle<sup>Op</sup>](#) value [10gt-25le<sup>C</sup>](#) or  
[hasMassFractionOfDismantableComponentsForReuseAndRecycle<sup>Op</sup>](#) value [75gt-95le<sup>C</sup>](#) or  
[hasMassFractionOfDismantableComponentsForReuseAndRecycle<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/CE0N/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/CE0N/ontology/statement/MF0fPostConsumerRecycledMaterialContentStatement>

### Sub Class Of

[RecycledMaterialStatement<sup>C</sup>](#)  
[hasMassFractionOfPostConsumerRecycledMaterialsOutOfTheTotalProductMass<sup>Op</sup>](#) value [99gt-100le<sup>C</sup>](#) or  
[hasMassFractionOfPostConsumerRecycledMaterialsOutOfTheTotalProductMass<sup>Op</sup>](#) value [95gt-99le<sup>C</sup>](#) or  
[hasMassFractionOfPostConsumerRecycledMaterialsOutOfTheTotalProductMass<sup>Op</sup>](#) value [0ge-0le<sup>C</sup>](#) or  
[hasMassFractionOfPostConsumerRecycledMaterialsOutOfTheTotalProductMass<sup>Op</sup>](#) value [0gt-10le<sup>C</sup>](#) or  
[hasMassFractionOfPostConsumerRecycledMaterialsOutOfTheTotalProductMass<sup>Op</sup>](#) value [25gt-50le<sup>C</sup>](#) or  
[hasMassFractionOfPostConsumerRecycledMaterialsOutOfTheTotalProductMass<sup>Op</sup>](#) value [10gt-25le<sup>C</sup>](#) or  
[hasMassFractionOfPostConsumerRecycledMaterialsOutOfTheTotalProductMass<sup>Op</sup>](#) value [75gt-95le<sup>C</sup>](#) or  
[hasMassFractionOfPostConsumerRecycledMaterialsOutOfTheTotalProductMass<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/CE0N/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/CE0N/ontology/statement/MF0fPreConsumerRecycledMaterialContentStatement>

### Sub Class Of

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

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

**IRI** <http://w3id.org/CE0N/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/CE0N/ontology/statement/MF0fProductDesignedCleanlyRemovedFromFixedAssemblyStatement>

### Sub Class Of

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

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

**IRI** <http://w3id.org/CE0N/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/CE0N/ontology/statement/MF0fProductDesignedCleanlyRemovedFromProductAssemblyStatement>

### Sub Class Of

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

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

**IRI** <http://w3id.org/CE0N/ontology/statement/MF0fProductRecyclingAtSimilarLevelAvailabilityStatement>

### Sub Class Of

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

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

**IRI** <http://w3id.org/CE0N/ontology/statement/MF0fProductRecyclingAtSimilarLevelStatement>

### Sub Class Of

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

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

**IRI** <http://w3id.org/CE0N/ontology/statement/MF0fProductReleasedToEnvironmentAvailabilityStatement>

### Sub Class Of

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

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

**IRI** <http://w3id.org/CE0N/ontology/statement/MF0fProductReleasedToEnvironmentStatement>

### Sub Class Of

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

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

**IRI** <http://w3id.org/CE0N/ontology/statement/MF0fRecycledMaterialContentAvailabilityStatement>

### Sub Class Of

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

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

**IRI** <http://w3id.org/CE0N/ontology/statement/MF0fRenewableMaterialAvailabilityStatement>

### Sub Class Of

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

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

**IRI** <http://w3id.org/CE0N/ontology/statement/MF0fReusedPartAvailabilityStatement>

### Sub Class Of

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

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

**IRI** <http://w3id.org/CE0N/ontology/statement/MassFractionOfDisclosedChemicalSubstanceStatement>

### Sub Class Of

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



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

**IRI** <http://w3id.org/CE0N/ontology/statement/MassFractionOfRecycledMaterialStatement>

### Sub Class Of

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

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

**IRI** <http://w3id.org/CE0N/ontology/statement/MassFractionOfRenewableMaterialStatement>

### Sub Class Of

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

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

**IRI** <http://w3id.org/CE0N/ontology/statement/MassFractionOfReusedPartStatement>

### Sub Class Of

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

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

<b>IRI</b>	<a href="http://w3id.org/CE0N/ontology/statement/PCAvailabilityStatement">http://w3id.org/CE0N/ontology/statement/PCAvailabilityStatement</a>
<b><u>Sub Class Of</u></b>	<a href="#">ProductCompositionStatement<sup>C</sup></a>

## Pcds Statement<sup>C</sup>

<b>IRI</b>	<a href="http://w3id.org/CE0N/ontology/statement/PCDSStatement">http://w3id.org/CE0N/ontology/statement/PCDSStatement</a>
<b><u>Sub Class Of</u></b>	<a href="#">Statement<sup>C</sup></a>
<b><u>Super Class Of</u></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/CE0N/ontology/statement/PostConsumerRecycledMaterialCompositionAvailabilityStatement">http://w3id.org/CE0N/ontology/statement/PostConsumerRecycledMaterialCompositionAvailabilityStatement</a>
<b><u>Sub Class Of</u></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/CE0N/ontology/statement/PostConsumerRecycledMaterialCompositionStatement">http://w3id.org/CE0N/ontology/statement/PostConsumerRecycledMaterialCompositionStatement</a>
<b><u>Sub Class Of</u></b>	<a href="#">RecycledMaterialStatement<sup>C</sup></a>
<b><u>Restriction</u></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/CE0N/ontology/statement/PreConsumerRecycledMaterialCompositionAvailabilityStatement">http://w3id.org/CE0N/ontology/statement/PreConsumerRecycledMaterialCompositionAvailabilityStatement</a>
<b><u>Sub Class Of</u></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/CE0N/ontology/statement/PreConsumerRecycledMaterialCompositionStatement">http://w3id.org/CE0N/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/CE0N/ontology/statement/ProductCompositionCertificationStatement">http://w3id.org/CE0N/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/CE0N/ontology/statement/ProductCompositionStatement">http://w3id.org/CE0N/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="#">PCAvailabilityStatement<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/CE0N/ontology/statement/ProductCompositionValidationStatement">http://w3id.org/CE0N/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/CE0N/ontology/statement/RecycledMaterialStatement">http://w3id.org/CE0N/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/CE0N/ontology/statement/RecyclingStatement">http://w3id.org/CE0N/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/CE0N/ontology/statement/ReleasedIntoEnvironmentStatement">http://w3id.org/CE0N/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/CE0N/ontology/statement/RenewableEnergyStatement">http://w3id.org/CE0N/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/CE0N/ontology/statement/ReusedContentStatement">http://w3id.org/CE0N/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/CE0N/ontology/statement/Statement">http://w3id.org/CE0N/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/CE0N/ontology/statement/SustainablyProducedRenewableMaterialStatement">http://w3id.org/CE0N/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/CE0N/ontology/statement/VFOfReductionDirectWaterAvailabilityStatement">http://w3id.org/CE0N/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/CE0N/ontology/statement/VF0fReductionDirectWaterStatement>

### Sub Class Of

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

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

**IRI** <http://w3id.org/CE0N/ontology/statement/VF0fReusedRecirculatedWaterAvailabilityStatement>

### Sub Class Of

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

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

**IRI** <http://w3id.org/CE0N/ontology/statement/VF0fReusedRecirculatedWaterStatement>

### Sub Class Of

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

## Validation<sup>c</sup>

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

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

**Named Individuals**  
[certified](#)<sup>ni</sup>  
[validatedByThirdParty](#)<sup>ni</sup>

## Water Reuse Or Recirculation Statement<sup>c</sup>

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

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

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

**Super Class Of**  
[VOfReductionDirectWaterAvailabilityStatement](#)<sup>c</sup>  
[VOfReductionDirectWaterStatement](#)<sup>c</sup>  
[VOfReusedRecirculatedWaterAvailabilityStatement](#)<sup>c</sup>  
[VOfReusedRecirculatedWaterStatement](#)<sup>c</sup>

## Entity<sup>c</sup>

**IRI** <http://www.w3.org/ns/prov#Entity>

**Super Class Of**  
[resourceODP:ResourceStatement](#)<sup>c</sup>

## Role<sup>c</sup>

**IRI** <http://www.w3.org/ns/prov#Role>

**Super Class Of** <http://w3id.org/CEON/ontology/actorODP/Role>

## Object Properties

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

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

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

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>

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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>](#)
- [hasMassFractionOfDismantableComponentsForReuseAndRecycle<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/CE0N/ontology/statement/statementAbout>

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

## Datatype Properties

available end date<sup>dp</sup>

**IRI** <http://w3id.org/CE0N/ontology/statement/availableEndDate>

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

available start date<sup>dp</sup>

**IRI** <http://w3id.org/CE0N/ontology/statement/availableStartDate>

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

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

**IRI** <http://w3id.org/CE0N/ontology/statement/isPCDSStatementTrue>

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

statement value<sup>dp</sup>

**IRI** <http://w3id.org/CE0N/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	<a href="http://qudt.org/schema/qudt/numericValue">http://qudt.org/schema/qudt/numericValue</a>
has maximal value included of interval <sup>ap</sup>	
IRI	<a href="http://w3id.org/CE0N/ontology/quantity#hasMaximalValueIncludedOfInterval">http://w3id.org/CE0N/ontology/quantity#hasMaximalValueIncludedOfInterval</a>
has minimal value included of interval <sup>ap</sup>	
IRI	<a href="http://w3id.org/CE0N/ontology/quantity#hasMinimalValueIncludedOfInterval">http://w3id.org/CE0N/ontology/quantity#hasMinimalValueIncludedOfInterval</a>
has minimal value not included of interval <sup>ap</sup>	
IRI	<a href="http://w3id.org/CE0N/ontology/quantity#hasMinimalValueNotIncludedOfInterval">http://w3id.org/CE0N/ontology/quantity#hasMinimalValueNotIncludedOfInterval</a>
Pcd Smapping <sup>ap</sup>	
IRI	<a href="http://w3id.org/CE0N/ontology/statement/PCDSmapping">http://w3id.org/CE0N/ontology/statement/PCDSmapping</a>

## Namespaces

:	<a href="http://w3id.org/CE0N/ontology/statement/">http://w3id.org/CE0N/ontology/statement/</a>
dcterms	<a href="http://purl.org/dc/terms/">http://purl.org/dc/terms/</a>
owl	<a href="http://www.w3.org/2002/07/owl#">http://www.w3.org/2002/07/owl#</a>
prov	<a href="http://www.w3.org/ns/prov#">http://www.w3.org/ns/prov#</a>
rdf	<a href="http://www.w3.org/1999/02/22-rdf-syntax-ns#">http://www.w3.org/1999/02/22-rdf-syntax-ns#</a>
rdfs	<a href="http://www.w3.org/2000/01/rdf-schema#">http://www.w3.org/2000/01/rdf-schema#</a>
resourceODP	<a href="http://w3id.org/CE0N/ontology/resourceODP/">http://w3id.org/CE0N/ontology/resourceODP/</a>
vann	<a href="http://purl.org/vocab/vann/">http://purl.org/vocab/vann/</a>
xsd	<a href="http://www.w3.org/2001/XMLSchema#">http://www.w3.org/2001/XMLSchema#</a>

## Legend

c	Classes
op	Object Properties
dp	Datatype Properties
ap	Annotation Properties