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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Version Iri

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

Version Info

0.2

Preferred Namespace Prefix

statement

Preferred Namespace Uri

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

Description

A module to represent statements of CEON resources.

Classes

Quantity Interval [c]

IRI `http://w3id.org/CEON/ontology/quantity#QuantityInterval`

In Range Of

- hasChemicalSubstanceThresholdUsedByManufacturer [op]
- hasFractionOfRenewableEnergyOutOfTheTotalProductionEnergyMix [op]
- hasMassFractionForDemounting [op]
- hasMassFractionForDisassembly [op]
- hasMassFractionOfAllDisclosedChemicalSubstance [op]
- hasMassFractionOfDismantableComponentsForReuseAndRecycle [op]
- hasMassFractionOfPostConsumerRecycledMaterialsOutOfTheTotalProductMass [op]
- hasMassFractionOfPreConsumerRecycledMaterialsOutOfTheTotalProductMass [op]
- hasMassFractionOfProductDesignedForRecyclingToOriginalInput [op]
- hasMassFractionOfProductReleasedIntoEnvironment [op]
- hasMassFractionOfRecycledMaterialsOutOfTheTotalProductMass [op]
- hasMassFractionOfRenewableMaterialsOutOfTheTotalProductMass [op]
- hasMassFractionOfReusedPartsOutOfTheTotalProduct [op]
- hasPostConsumerRecycledMaterialCompositionThreshold [op]
- hasPreConsumerRecycledMaterialCompositionThreshold [op]
- hasQuantityInterval [op]
- hasVolumeFractionOfReductionOfDirectWaterConsumptionUsedInProduction [op]
- hasVolumeFractionOfReusedOrRecirculatedWaterUsedInProduction [op]

Named Individuals

- 0ge-0le [ni]
- 0gt-0.001le [ni]
- 0gt-0.01le [ni]
- 0gt-0.1le [ni]
- 0gt-10le [ni]
- 0.1ge-0.1le [ni]
- 1ge [ni]
- 10gt-25le [ni]
- 25gt-50le [ni]
- 50gt-75le [ni]
- 75gt-95le [ni]
- 95gt-99le [ni]
- 99gt-100le [ni]

Availability [c]

IRI `http://w3id.org/CEON/ontology/statement/Availability`

In Range Of

- hasAvailability [op]

Named Individuals

- public [ni]
- secrectAgreement [ni]

Demounting Statement [c]

IRI	http://w3id.org/CEON/ontology/statement/DemountingStatement
Sub Class Of	PCDSStatement [c]
In Domain Of	hasMassFractionForDemounting [op]
Super Class Of	MFOfProductDesignedCleanlyRemovedFromFixedAssemblyAvailabilityStatement [c] MFOfProductDesignedCleanlyRemovedFromFixedAssemblyStatement [c]

Disassembly Statement [c]

IRI	http://w3id.org/CEON/ontology/statement/DisassemblyStatement
Sub Class Of	PCDSStatement [c]
In Domain Of	hasMassFractionForDisassembly [op]
Super Class Of	MFOfProductDesignedCleanlyRemovedFromProductAssemblyAvailabilittyStatement [c] MFOfProductDesignedCleanlyRemovedFromProductAssemblyStatement [c]

Disclosed Chemical Subtance Statement [c]

IRI	http://w3id.org/CEON/ontology/statement/DisclosedChemicalSubtanceStatement
Sub Class Of	ProductCompositionStatement [c] hasChemicalSubstanceThresholdUsedByManufacturer [op] value 1ge [c] *or* hasChemicalSubstanceThresholdUsedByManufacturer [op] value 0gt-0.01le [c] *or* hasChemicalSubstanceThresholdUsedByManufacturer [op] value 0gt-0.1le [c] *or* hasChemicalSubstanceThresholdUsedByManufacturer [op] value 0gt-0.001le [c]

Dismantling Statement [c]

IRI	http://w3id.org/CEON/ontology/statement/DismantlingStatement
Sub Class Of	PCDSStatement [c]
In Domain Of	hasMassFractionOfDismantableComponentsForReuseAndRecycle [op]
Super Class Of	MFOfDismantlableComponentForReuseRecycledAvailabilityStatement [c] MFOfDismantlableComponentForReuseRecycledStatement [c]

Fraction Of Renewable Energy Availability Statement [c]

IRI `http://w3id.org/CEON/ontology/statement/FractionOfRenewableEnergyAvailabilityStatement`

Sub Class Of RenewableEnergyStatement [c]

Fraction Of Renewable Energy Statement [c]

IRI `http://w3id.org/CEON/ontology/statement/FractionOfRenewableEnergyStatement`

Sub Class Of
RenewableEnergyStatement [c]
hasFractionOfRenewableEnergyOutOfTheTotalProductionEnergyMix [op] value 0ge-0le [c] *or*
hasFractionOfRenewableEnergyOutOfTheTotalProductionEnergyMix [op] value 99gt-100le [c] *or*
hasFractionOfRenewableEnergyOutOfTheTotalProductionEnergyMix [op] value 10gt-25le [c] *or*
hasFractionOfRenewableEnergyOutOfTheTotalProductionEnergyMix [op] value 25gt-50le [c] *or*
hasFractionOfRenewableEnergyOutOfTheTotalProductionEnergyMix [op] value 50gt-75le [c] *or*
hasFractionOfRenewableEnergyOutOfTheTotalProductionEnergyMix [op] value 75gt-95le [c] *or*
hasFractionOfRenewableEnergyOutOfTheTotalProductionEnergyMix [op] value 0gt-10le [c] *or*
hasFractionOfRenewableEnergyOutOfTheTotalProductionEnergyMix [op] value 95gt-99le [c]

Hazardous Substance Declaration Availabiltity Statement [c]

IRI `http://w3id.org/CEON/ontology/statement/HazardousSubstanceDeclarationAvailabiltityStatement`

Sub Class Of ProductCompositionStatement [c]

Hazardous Substance Statement [c]

IRI `http://w3id.org/CEON/ontology/statement/HazardousSubstanceStatement`

Sub Class Of ProductCompositionStatement [c]

Mf Of Dismantlable Component For Reuse Recycled Availability Statement [c]

IRI `http://w3id.org/CEON/ontology/statement/MFOfDismantlableComponentForReuseRecycledAvailabilityStatement`

Sub Class Of DismantlingStatement [c]

Mf Of Dismantlable Component For Reuse Recycled Statement [c]

IRI `http://w3id.org/CEON/ontology/statement/MFOfDismantlableComponentForReuseRecycledStatement`

Sub Class Of

DismantlingStatement [c]
hasMassFractionOfDismantableComponentsForReuseAndRecycle [op] value 95gt-99le [c] *or* hasMassFractionOfDismantableComponentsForReuseAndRecycle [op] value 0ge-0le [c] *or* hasMassFractionOfDismantableComponentsForReuseAndRecycle [op] value 25gt-50le [c] *or* hasMassFractionOfDismantableComponentsForReuseAndRecycle [op] value 99gt-100le [c] *or* hasMassFractionOfDismantableComponentsForReuseAndRecycle [op] value 0gt-10le [c] *or* hasMassFractionOfDismantableComponentsForReuseAndRecycle [op] value 10gt-25le [c] *or* hasMassFractionOfDismantableComponentsForReuseAndRecycle [op] value 75gt-95le [c] *or* hasMassFractionOfDismantableComponentsForReuseAndRecycle [op] value 50gt-75le [c]

Mf Of Post Consumer Recycled Material Content Availability Statement [c]

IRI `http://w3id.org/CEON/ontology/statement/MFOfPostConsumerRecycledMaterialContentAvailabilityStatement`

Sub Class Of

RecycledMaterialStatement [c]

Mf Of Post Consumer Recycled Material Content Statement [c]

IRI `http://w3id.org/CEON/ontology/statement/MFOfPostConsumerRecycledMaterialContentStatement`

Sub Class Of

RecycledMaterialStatement [c]
hasMassFractionOfPostConsumerRecycledMaterialsOutOfTheTotalProductMass [op] value 10gt-25le [c] *or* hasMassFractionOfPostConsumerRecycledMaterialsOutOfTheTotalProductMass [op] value 75gt-95le [c] *or* hasMassFractionOfPostConsumerRecycledMaterialsOutOfTheTotalProductMass [op] value 0ge-0le [c] *or* hasMassFractionOfPostConsumerRecycledMaterialsOutOfTheTotalProductMass [op] value 95gt-99le [c] *or* hasMassFractionOfPostConsumerRecycledMaterialsOutOfTheTotalProductMass [op] value 99gt-100le [c] *or* hasMassFractionOfPostConsumerRecycledMaterialsOutOfTheTotalProductMass [op] value 25gt-50le [c] *or* hasMassFractionOfPostConsumerRecycledMaterialsOutOfTheTotalProductMass [op] value 0gt-10le [c] *or* hasMassFractionOfPostConsumerRecycledMaterialsOutOfTheTotalProductMass [op] value 50gt-75le [c]

Mf Of Pre Consumer Recycled Material Content Availability Statement [c]

IRI `http://w3id.org/CEON/ontology/statement/MFOfPreConsumerRecycledMaterialContentAvailabilityStatement`

Sub Class Of

RecycledMaterialStatement [c]

Mf Of Pre Consumer Recycled Material Content Statement [c]

IRI `http://w3id.org/CEON/ontology/statement/MFOfPreConsumerRecycledMaterialContentStatement`

Sub Class Of

RecycledMaterialStatement [c]
hasMassFractionOfPreConsumerRecycledMaterialsOutOfTheTotalProductMass [op] value 50gt-75le [c] *or*
hasMassFractionOfPreConsumerRecycledMaterialsOutOfTheTotalProductMass [op] value 95gt-99le [c] *or*
hasMassFractionOfPreConsumerRecycledMaterialsOutOfTheTotalProductMass [op] value 10gt-25le [c] *or*
hasMassFractionOfPreConsumerRecycledMaterialsOutOfTheTotalProductMass [op] value 0gt-10le [c] *or*
hasMassFractionOfPreConsumerRecycledMaterialsOutOfTheTotalProductMass [op] value 0ge-0le [c] *or*
hasMassFractionOfPreConsumerRecycledMaterialsOutOfTheTotalProductMass [op] value 75gt-95le [c] *or*
hasMassFractionOfPreConsumerRecycledMaterialsOutOfTheTotalProductMass [op] value 99gt-100le [c] *or*
hasMassFractionOfPreConsumerRecycledMaterialsOutOfTheTotalProductMass [op] value 25gt-50le [c]

Mf Of Product Designed Cleanly Removed From Fixed Assembly Availability Statement [c]

IRI `http://w3id.org/CEON/ontology/statement/MFOfProductDesignedCleanlyRemovedFromFixedAssemblyAvailabilityStatement`

Sub Class Of

DemountingStatement [c]

Mf Of Product Designed Cleanly Removed From Fixed Assembly Statement [c]

IRI `http://w3id.org/CEON/ontology/statement/MFOfProductDesignedCleanlyRemovedFromFixedAssemblyStatement`

Sub Class Of

DemountingStatement [c]
hasMassFractionForDemounting [op] value 99gt-100le [c] *or*
hasMassFractionForDemounting [op] value 0gt-10le [c] *or*
hasMassFractionForDemounting [op] value 50gt-75le [c] *or*
hasMassFractionForDemounting [op] value 95gt-99le [c] *or*
hasMassFractionForDemounting [op] value 75gt-95le [c] *or*
hasMassFractionForDemounting [op] value 0ge-0le [c] *or*
hasMassFractionForDemounting [op] value 25gt-50le [c] *or*
hasMassFractionForDemounting [op] value 10gt-25le [c]

Mf Of Product Designed Cleanly Removed From Product Assembly Availabilitty Statement [c]

IRI `http://w3id.org/CEON/ontology/statement/MFOfProductDesignedCleanlyRemovedFromProductAssemblyAvailabilittyStatement`

Sub Class Of

DisassemblyStatement [c]

Mf Of Product Designed Cleanly Removed From Product Assembly Statement[c]

IRI `http://w3id.org/CEON/ontology/statement/MFOfProductDesignedCleanlyRemovedFromProductAssemblyStatement`

Sub Class Of

DisassemblyStatement[c]
hasMassFractionForDisassembly[op] value 95gt-99le[c] *or*
hasMassFractionForDisassembly[op] value 0ge-0le[c] *or*
hasMassFractionForDisassembly[op] value 0gt-10le[c] *or*
hasMassFractionForDisassembly[op] value 50gt-75le[c] *or*
hasMassFractionForDisassembly[op] value 99gt-100le[c] *or*
hasMassFractionForDisassembly[op] value 10gt-25le[c] *or*
hasMassFractionForDisassembly[op] value 25gt-50le[c] *or*
hasMassFractionForDisassembly[op] value 75gt-95le[c]

Mf Of Product Recycling At Similar Level Availability Statement[c]

IRI `http://w3id.org/CEON/ontology/statement/MFOfProductRecyclingAtSimilarLevelAvailabilityStatement`

Sub Class Of

RecyclingStatement[c]

Mf Of Product Recycling At Similar Level Statement[c]

IRI `http://w3id.org/CEON/ontology/statement/MFOfProductRecyclingAtSimilarLevelStatement`

Sub Class Of

RecyclingStatement[c]
hasMassFractionOfProductDesignedForRecyclingToOriginalInput[op] value 25gt-50le[c] *or* hasMassFractionOfProductDesignedForRecyclingToOriginalInput[op] value 99gt-100le[c] *or*
hasMassFractionOfProductDesignedForRecyclingToOriginalInput[op] value 50gt-75le[c] *or* hasMassFractionOfProductDesignedForRecyclingToOriginalInput[op] value 75gt-95le[c] *or*
hasMassFractionOfProductDesignedForRecyclingToOriginalInput[op] value 0ge-0le[c] *or* hasMassFractionOfProductDesignedForRecyclingToOriginalInput[op] value 10gt-25le[c] *or*
hasMassFractionOfProductDesignedForRecyclingToOriginalInput[op] value 0gt-10le[c] *or* hasMassFractionOfProductDesignedForRecyclingToOriginalInput[op] value 95gt-99le[c]

Mf Of Product Released To Environment Availablity Statement[c]

IRI `http://w3id.org/CEON/ontology/statement/MFOfProductReleasedToEnvironmentAvailablityStatement`

Sub Class Of

ReleasedIntoEnvironmentStatement[c]

Mf Of Product Released To Environment Statement [c]

IRI `http://w3id.org/CEON/ontology/statement/MFOfProductReleasedToEnvironmentStatement`

Sub Class Of

ReleasedIntoEnvironmentStatement [c]
hasMassFractionOfProductReleasedIntoEnvironment [op] value 95gt-99le [c] *or*
hasMassFractionOfProductReleasedIntoEnvironment [op] value 0ge-0le [c] *or*
hasMassFractionOfProductReleasedIntoEnvironment [op] value 99gt-100le [c] *or*
hasMassFractionOfProductReleasedIntoEnvironment [op] value 25gt-50le [c] *or*
hasMassFractionOfProductReleasedIntoEnvironment [op] value 75gt-95le [c] *or*
hasMassFractionOfProductReleasedIntoEnvironment [op] value 0gt-10le [c] *or*
hasMassFractionOfProductReleasedIntoEnvironment [op] value 10gt-25le [c] *or*
hasMassFractionOfProductReleasedIntoEnvironment [op] value 50gt-75le [c]

Mf Of Recycled Material Content Availability Statement [c]

IRI `http://w3id.org/CEON/ontology/statement/MFOfRecycledMaterialContentAvailabilityStatement`

Sub Class Of

RecycledMaterialStatement [c]

Mf Of Renewable Material Availability Statement [c]

IRI `http://w3id.org/CEON/ontology/statement/MFOfRenewableMaterialAvailabilityStatement`

Sub Class Of

SustainablyProducedRenewableMaterialStatement [c]

Mf Of Reused Part Availability Statement [c]

IRI `http://w3id.org/CEON/ontology/statement/MFOfReusedPartAvailabilityStatement`

Sub Class Of

ReusedContentStatement [c]

Mass Fraction Of Disclosed Chemical Substance Statement [c]

IRI `http://w3id.org/CEON/ontology/statement/MassFractionOfDisclosedChemicalSubstanceStatement`

Sub Class Of

ProductCompositionStatement [c]
hasMassFractionOfAllDisclosedChemicalSubstance [op] value 10gt-25le [c] *or*
hasMassFractionOfAllDisclosedChemicalSubstance [op] value 25gt-50le [c] *or*
hasMassFractionOfAllDisclosedChemicalSubstance [op] value 50gt-75le [c] *or*
hasMassFractionOfAllDisclosedChemicalSubstance [op] value 0gt-10le [c] *or*
hasMassFractionOfAllDisclosedChemicalSubstance [op] value 95gt-99le [c] *or*
hasMassFractionOfAllDisclosedChemicalSubstance [op] value 99gt-100le [c] *or*
hasMassFractionOfAllDisclosedChemicalSubstance [op] value 0ge-0le [c] *or*
hasMassFractionOfAllDisclosedChemicalSubstance [op] value 75gt-95le [c]

Mass Fraction Of Recycled Material Statement [c]

IRI `http://w3id.org/CEON/ontology/statement/MassFractionOfRecycledMaterialStatement`

Sub Class Of

RecycledMaterialStatement [c]
hasMassFractionOfRecycledMaterialsOutOfTheTotalProductMass [op] value 0ge-0le [c] *or* hasMassFractionOfRecycledMaterialsOutOfTheTotalProductMass [op] value 10gt-25le [c] *or* hasMassFractionOfRecycledMaterialsOutOfTheTotalProductMass [op] value 25gt-50le [c] *or* hasMassFractionOfRecycledMaterialsOutOfTheTotalProductMass [op] value 75gt-95le [c] *or* hasMassFractionOfRecycledMaterialsOutOfTheTotalProductMass [op] value 0gt-10le [c] *or* hasMassFractionOfRecycledMaterialsOutOfTheTotalProductMass [op] value 50gt-75le [c] *or* hasMassFractionOfRecycledMaterialsOutOfTheTotalProductMass [op] value 99gt-100le [c] *or* hasMassFractionOfRecycledMaterialsOutOfTheTotalProductMass [op] value 95gt-99le [c]

Mass Fraction Of Renewable Material Statement [c]

IRI `http://w3id.org/CEON/ontology/statement/MassFractionOfRenewableMaterialStatement`

Sub Class Of

SustainablyProducedRenewableMaterialStatement [c]
hasMassFractionOfRenewableMaterialsOutOfTheTotalProductMass [op] value 99gt-100le [c] *or* hasMassFractionOfRenewableMaterialsOutOfTheTotalProductMass [op] value 25gt-50le [c] *or* hasMassFractionOfRenewableMaterialsOutOfTheTotalProductMass [op] value 95gt-99le [c] *or* hasMassFractionOfRenewableMaterialsOutOfTheTotalProductMass [op] value 0ge-0le [c] *or* hasMassFractionOfRenewableMaterialsOutOfTheTotalProductMass [op] value 10gt-25le [c] *or* hasMassFractionOfRenewableMaterialsOutOfTheTotalProductMass [op] value 0gt-10le [c] *or* hasMassFractionOfRenewableMaterialsOutOfTheTotalProductMass [op] value 75gt-95le [c] *or* hasMassFractionOfRenewableMaterialsOutOfTheTotalProductMass [op] value 50gt-75le [c]

Mass Fraction Of Reused Part Statement [c]

IRI `http://w3id.org/CEON/ontology/statement/MassFractionOfReusedPartStatement`

Sub Class Of

ReusedContentStatement [c]
hasMassFractionOfReusedPartsOutOfTheTotalProduct [op] value 50gt-75le [c] *or* hasMassFractionOfReusedPartsOutOfTheTotalProduct [op] value 25gt-50le [c] *or* hasMassFractionOfReusedPartsOutOfTheTotalProduct [op] value 10gt-25le [c] *or* hasMassFractionOfReusedPartsOutOfTheTotalProduct [op] value 95gt-99le [c] *or* hasMassFractionOfReusedPartsOutOfTheTotalProduct [op] value 0ge-0le [c] *or* hasMassFractionOfReusedPartsOutOfTheTotalProduct [op] value 99gt-100le [c] *or* hasMassFractionOfReusedPartsOutOfTheTotalProduct [op] value 75gt-95le [c] *or* hasMassFractionOfReusedPartsOutOfTheTotalProduct [op] value 0gt-10le [c]

Pc Availability Statement [C]

IRI	http://w3id.org/CEON/ontology/statement/PCAvailabilityStatement
Sub Class Of	ProductCompositionStatement [C]

Pcds Statement [C]

IRI	http://w3id.org/CEON/ontology/statement/PCDSStatement
Sub Class Of	Statement [C]
Super Class Of	DemountingStatement [C] DisassemblyStatement [C] DismantlingStatement [C] ProductCompositionStatement [C] RecycledMaterialStatement [C] RecyclingStatement [C] ReleasedIntoEnvironmentStatement [C] RenewableEnergyStatement [C] ReusedContentStatement [C] SustainablyProducedRenewableMaterialStatement [C] WaterReuseOrRecirculationStatement [C]

Post Consumer Recycled Material Composition Availability Statement [C]

IRI	http://w3id.org/CEON/ontology/statement/PostConsumerRecycledMaterialCompositionAvailabilityStatement
Sub Class Of	RecycledMaterialStatement [C]

Post Consumer Recycled Material Composition Statement [C]

IRI	http://w3id.org/CEON/ontology/statement/PostConsumerRecycledMaterialCompositionStatement
Sub Class Of	RecycledMaterialStatement [C]
Restriction	hasPostConsumerRecycledMaterialCompositionThreshold [OP] value PostConsumerRecycledMaterialCompositionStatement [C]

Pre Consumer Recycled Material Composition Availability Statement [C]

IRI	http://w3id.org/CEON/ontology/statement/PreConsumerRecycledMaterialCompositionAvailabilityStatement
Sub Class Of	RecycledMaterialStatement [C]

Pre Consumer Recycled Material Composition Statement [c]

IRI	http://w3id.org/CEON/ontology/statement/PreConsumerRecycledMaterialCompositionStatement
Sub Class Of	RecycledMaterialStatement [c]
Restriction	hasPreConsumerRecycledMaterialCompositionThreshold [op] value PreConsumerRecycledMaterialCompositionStatement [c]

Product Composition Certification Statement [c]

IRI	http://w3id.org/CEON/ontology/statement/ProductCompositionCertificationStatement
Sub Class Of	ProductCompositionStatement [c]

Product Composition Statement [c]

IRI	http://w3id.org/CEON/ontology/statement/ProductCompositionStatement
Sub Class Of	PCDSStatement [c]
In Domain Of	hasChemicalSubstanceThresholdUsedByManufacturer [op] hasMassFractionOfAllDisclosedChemicalSubstance [op]
Super Class Of	DisclosedChemicalSubtanceStatement [c] HazardousSubstanceDeclarationAvailabiltityStatement [c] HazardousSubstanceStatement [c] MassFractionOfDisclosedChemicalSubstanceStatement [c] PCAvailabilityStatement [c] ProductCompositionCertificationStatement [c] ProductCompositionValidationStatement [c]

Product Composition Validation Statement [c]

IRI	http://w3id.org/CEON/ontology/statement/ProductCompositionValidationStatement
Sub Class Of	ProductCompositionStatement [c]

Recycled Material Statement [c]

IRI	http://w3id.org/CEON/ontology/statement/RecycledMaterialStatement
Sub Class Of	PCDSStatement [c]
In Domain Of	hasMassFractionOfPostConsumerRecycledMaterialsOutOfTheTotalProductMass [op] hasMassFractionOfPreConsumerRecycledMaterialsOutOfTheTotalProductMass [op] hasMassFractionOfRecycledMaterialsOutOfTheTotalProductMass [op] hasPostConsumerRecycledMaterialCompositionThreshold [op] hasPreConsumerRecycledMaterialCompositionThreshold [op]
Super Class Of	MFOfPostConsumerRecycledMaterialContentAvailabilityStatement [c] MFOfPostConsumerRecycledMaterialContentStatement [c] MFOfPreConsumerRecycledMaterialContentAvailabilityStatement [c] MFOfPreConsumerRecycledMaterialContentStatement [c] MFOfRecycledMaterialContentAvailabilityStatement [c] MassFractionOfRecycledMaterialStatement [c] PostConsumerRecycledMaterialCompositionAvailabilityStatement [c] PostConsumerRecycledMaterialCompositionStatement [c] PreConsumerRecycledMaterialCompositionAvailabilityStatement [c] PreConsumerRecycledMaterialCompositionStatement [c]

Recycling Statement [c]

IRI	http://w3id.org/CEON/ontology/statement/RecyclingStatement
Sub Class Of	PCDSStatement [c]
In Domain Of	hasMassFractionOfProductDesignedForRecyclingToOriginalInput [op]
Super Class Of	MFOfProductRecyclingAtSimilarLevelAvailabilityStatement [c] MFOfProductRecyclingAtSimilarLevelStatement [c]

Released Into Environment Statement [c]

IRI	http://w3id.org/CEON/ontology/statement/ReleasedIntoEnvironmentStatement
Sub Class Of	PCDSStatement [c]
In Domain Of	hasMassFractionOfProductReleasedIntoEnvironment [op]
Super Class Of	MFOfProductReleasedToEnvironmentAvailablityStatement [c] MFOfProductReleasedToEnvironmentStatement [c]

Renewable Energy Statement [c]

IRI	http://w3id.org/CEON/ontology/statement/RenewableEnergyStatement
Sub Class Of	PCDSStatement [c]
In Domain Of	hasFractionOfRenewableEnergyOutOfTheTotalProductionEnergyMix [op]
Super Class Of	FractionOfRenewableEnergyAvailabilityStatement [c] FractionOfRenewableEnergyStatement [c]

Reused Content Statement [c]

IRI	http://w3id.org/CEON/ontology/statement/ReusedContentStatement
Sub Class Of	PCDSStatement [c]
In Domain Of	hasMassFractionOfReusedPartsOutOfTheTotalProduct [op]
Super Class Of	MFOfReusedPartAvailabilityStatement [c] MassFractionOfReusedPartStatement [c]

Statement [c]

IRI	http://w3id.org/CEON/ontology/statement/Statement
Sub Class Of	Entity [c]
In Domain Of	statementAbout [op] statementValue [dp]
Super Class Of	PCDSStatement [c]

Sustainably Produced Renewable Material Statement [c]

IRI	http://w3id.org/CEON/ontology/statement/SustainablyProducedRenewableMaterialStatement
Sub Class Of	PCDSStatement [c]
In Domain Of	hasMassFractionOfRenewableMaterialsOutOfTheTotalProductMass [op]
Super Class Of	MFOfRenewableMaterialAvailabilityStatement [c] MassFractionOfRenewableMaterialStatement [c]

Vf Of Reduction Direct Water Availability Statement [c]

IRI	http://w3id.org/CEON/ontology/statement/VFOfReductionDirectWaterAvailabilityStatement
Sub Class Of	WaterReuseOrRecirculationStatement [c]

Vf Of Reduction Direct Water Statement [c]

IRI `http://w3id.org/CEON/ontology/statement/VFOfReductionDirectWaterStatement`

Sub Class Of

WaterReuseOrRecirculationStatement [c]
hasVolumeFractionOfReductionOfDirectWaterConsumptionUsedInProduction [op] value 10gt-25le [c] *or*
hasVolumeFractionOfReductionOfDirectWaterConsumptionUsedInProduction [op] value 50gt-75le [c] *or*
hasVolumeFractionOfReductionOfDirectWaterConsumptionUsedInProduction [op] value 0gt-10le [c] *or*
hasVolumeFractionOfReductionOfDirectWaterConsumptionUsedInProduction [op] value 75gt-95le [c] *or*
hasVolumeFractionOfReductionOfDirectWaterConsumptionUsedInProduction [op] value 25gt-50le [c] *or*
hasVolumeFractionOfReductionOfDirectWaterConsumptionUsedInProduction [op] value 99gt-100le [c] *or*
hasVolumeFractionOfReductionOfDirectWaterConsumptionUsedInProduction [op] value 0ge-0le [c] *or*
hasVolumeFractionOfReductionOfDirectWaterConsumptionUsedInProduction [op] value 95gt-99le [c]

Vf Of Reused Recirculated Water Availability Statement [c]

IRI `http://w3id.org/CEON/ontology/statement/VFOfReusedRecirculatedWaterAvailabilityStatement`

Sub Class Of

WaterReuseOrRecirculationStatement [c]

Vf Of Reused Recirculated Water Statement [c]

IRI `http://w3id.org/CEON/ontology/statement/VFOfReusedRecirculatedWaterStatement`

Sub Class Of

WaterReuseOrRecirculationStatement [c]
hasVolumeFractionOfReusedOrRecirculatedWaterUsedInProduction [op] value 50gt-75le [c] *or*
hasVolumeFractionOfReusedOrRecirculatedWaterUsedInProduction [op] value 95gt-99le [c] *or*
hasVolumeFractionOfReusedOrRecirculatedWaterUsedInProduction [op] value 0gt-10le [c] *or*
hasVolumeFractionOfReusedOrRecirculatedWaterUsedInProduction [op] value 25gt-50le [c] *or*
hasVolumeFractionOfReusedOrRecirculatedWaterUsedInProduction [op] value 0ge-0le [c] *or*
hasVolumeFractionOfReusedOrRecirculatedWaterUsedInProduction [op] value 75gt-95le [c] *or*
hasVolumeFractionOfReusedOrRecirculatedWaterUsedInProduction [op] value 99gt-100le [c] *or*
hasVolumeFractionOfReusedOrRecirculatedWaterUsedInProduction [op] value 10gt-25le [c]

Validation [c]

IRI	http://w3id.org/CEON/ontology/statement/Validation
In Range Of	hasValidation [op]
Named Individuals	certified [ni] validatedByThirdParty [ni]

Water Reuse Or Recirculation Statement [c]

IRI	http://w3id.org/CEON/ontology/statement/WaterReuseOrRecirculationStatement
Sub Class Of	PCDSStatement [c]
In Domain Of	hasVolumeFractionOfReductionOfDirectWaterConsumptionUsedInProduction [op] hasVolumeFractionOfReusedOrRecirculatedWaterUsedInProduction [op]
Super Class Of	VFOfReductionDirectWaterAvailabilityStatement [c] VFOfReductionDirectWaterStatement [c] VFOfReusedRecirculatedWaterAvailabilityStatement [c] VFOfReusedRecirculatedWaterStatement [c]

Entity [c]

IRI	http://www.w3.org/ns/prov#Entity
Super Class Of	resourceODP:Resource Statement [c]

Role [c]

IRI	http://www.w3.org/ns/prov#Role
Super Class Of	http://w3id.org/CEON/ontology/actorODP/Role

Object Properties

has availability [op]

IRI	http://w3id.org/CEON/ontology/statement/hasAvailability
Range	Availability [c]

has chemical substance threshold used by manufacturer op

IRI	http://w3id.org/CEON/ontology/statement/hasChemicalSubstanceThresholdUsedByManufacturer
Sub Property Of	hasQuantityInterval op
Domain	ProductCompositionStatement c
Range	http://w3id.org/CEON/ontology/quantity#QuantityInterval c

has fraction of renewable energy out of the total production energy mix op

IRI	http://w3id.org/CEON/ontology/statement/hasFractionOfRenewableEnergyOutOfTheTotalProductionEnergyMix
Sub Property Of	hasQuantityInterval op
Domain	RenewableEnergyStatement c
Range	http://w3id.org/CEON/ontology/quantity#QuantityInterval c

has mass fraction for demounting op

IRI	http://w3id.org/CEON/ontology/statement/hasMassFractionForDemounting
Sub Property Of	hasQuantityInterval op
Domain	DemountingStatement c
Range	http://w3id.org/CEON/ontology/quantity#QuantityInterval c

has mass fraction for disassembly op

IRI	http://w3id.org/CEON/ontology/statement/hasMassFractionForDisassembly
Sub Property Of	hasQuantityInterval op
Domain	DisassemblyStatement c
Range	http://w3id.org/CEON/ontology/quantity#QuantityInterval c

has mass fraction of all disclosed chemical substance op

IRI	http://w3id.org/CEON/ontology/statement/hasMassFractionOfAllDisclosedChemicalSubstance
Sub Property Of	hasQuantityInterval op
Domain	ProductCompositionStatement c
Range	http://w3id.org/CEON/ontology/quantity#QuantityInterval c

has mass fraction of dismantable components for reuse and recycle op

IRI	http://w3id.org/CEON/ontology/statement/hasMassFractionOfDismantableComponentsForReuseAndRecycle
Sub Property Of	hasQuantityInterval op
Domain	DismantlingStatement c
Range	http://w3id.org/CEON/ontology/quantity#QuantityInterval c

has mass fraction of post consumer recycled materials out of the total product mass op

IRI	http://w3id.org/CEON/ontology/statement/hasMassFractionOfPostConsumerRecycledMaterialsOutOfTheTotalProductMass
Sub Property Of	hasQuantityInterval op
Domain	RecycledMaterialStatement c
Range	http://w3id.org/CEON/ontology/quantity#QuantityInterval c

has mass fraction of pre consumer recycled materials out of the total product mass op

IRI	http://w3id.org/CEON/ontology/statement/hasMassFractionOfPreConsumerRecycledMaterialsOutOfTheTotalProductMass
Sub Property Of	hasQuantityInterval op
Domain	RecycledMaterialStatement c
Range	http://w3id.org/CEON/ontology/quantity#QuantityInterval c

has mass fraction of product designed for recycling to original input op

IRI	http://w3id.org/CEON/ontology/statement/hasMassFractionOfProductDesignedForRecyclingToOriginalInput
Sub Property Of	hasQuantityInterval op
Domain	RecyclingStatement c
Range	http://w3id.org/CEON/ontology/quantity#QuantityInterval c

has mass fraction of product released into environment op

IRI	http://w3id.org/CEON/ontology/statement/hasMassFractionOfProductReleasedIntoEnvironment
Sub Property Of	hasQuantityInterval op
Domain	ReleasedIntoEnvironmentStatement c
Range	http://w3id.org/CEON/ontology/quantity#QuantityInterval c

has mass fraction of recycled materials out of the total product mass op

IRI	http://w3id.org/CEON/ontology/statement/hasMassFractionOfRecycledMaterialsOutOfTheTotalProductMass
Sub Property Of	hasQuantityInterval op
Domain	RecycledMaterialStatement c
Range	http://w3id.org/CEON/ontology/quantity#QuantityInterval c

has mass fraction of renewable materials out of the total product mass op

IRI	http://w3id.org/CEON/ontology/statement/hasMassFractionOfRenewableMaterialsOutOfTheTotalProductMass
Sub Property Of	hasQuantityInterval op
Domain	SustainablyProducedRenewableMaterialStatement c
Range	http://w3id.org/CEON/ontology/quantity#QuantityInterval c

has mass fraction of reused parts out of the total product op

IRI	http://w3id.org/CEON/ontology/statement/hasMassFractionOfReusedPartsOutOfTheTotalProduct
Sub Property Of	hasQuantityInterval op
Domain	ReusedContentStatement c
Range	http://w3id.org/CEON/ontology/quantity#QuantityInterval c

has post consumer recycled material composition threshold op

IRI	http://w3id.org/CEON/ontology/statement/hasPostConsumerRecycledMaterialCompositionThreshold
Sub Property Of	hasQuantityInterval op
Domain	RecycledMaterialStatement c
Range	http://w3id.org/CEON/ontology/quantity#QuantityInterval c

has pre consumer recycled material composition threshold op

IRI	http://w3id.org/CEON/ontology/statement/hasPreConsumerRecycledMaterialCompositionThreshold
Sub Property Of	hasQuantityInterval op
Domain	RecycledMaterialStatement c
Range	http://w3id.org/CEON/ontology/quantity#QuantityInterval c

has quantity interval [op]

IRI `http://w3id.org/CEON/ontology/statement/hasQuantityInterval`

Super Property Of

- hasChemicalSubstanceThresholdUsedByManufacturer [op]
- hasFractionOfRenewableEnergyOutOfTheTotalProductionEnergyMix [op]
- hasMassFractionForDemounting [op]
- hasMassFractionForDisassembly [op]
- hasMassFractionOfAllDisclosedChemicalSubstance [op]
- hasMassFractionOfDismantableComponentsForReuseAndRecycle [op]
- hasMassFractionOfPostConsumerRecycledMaterialsOutOfTheTotalProductMass [op]
- hasMassFractionOfPreConsumerRecycledMaterialsOutOfTheTotalProductMass [op]
- hasMassFractionOfProductDesignedForRecyclingToOriginalInput [op]
- hasMassFractionOfProductReleasedIntoEnvironment [op]
- hasMassFractionOfRecycledMaterialsOutOfTheTotalProductMass [op]
- hasMassFractionOfRenewableMaterialsOutOfTheTotalProductMass [op]
- hasMassFractionOfReusedPartsOutOfTheTotalProduct [op]
- hasPostConsumerRecycledMaterialCompositionThreshold [op]
- hasPreConsumerRecycledMaterialCompositionThreshold [op]
- hasVolumeFractionOfReductionOfDirectWaterConsumptionUsedInProduction [op]
- hasVolumeFractionOfReusedOrRecirculatedWaterUsedInProduction [op]

Range http://w3id.org/CEON/ontology/quantity#QuantityInterval [c]

has validation [op]

IRI `http://w3id.org/CEON/ontology/statement/hasValidation`

Range Validation [c]

has volume fraction of reduction of direct water consumption used in production [op]

IRI `http://w3id.org/CEON/ontology/statement/hasVolumeFractionOfReductionOfDirectWaterConsumptionUsedInProduction`

Sub Property Of hasQuantityInterval [op]

Domain WaterReuseOrRecirculationStatement [c]

Range http://w3id.org/CEON/ontology/quantity#QuantityInterval [c]

has volume fraction of reused or recirculated water used in production [op]

IRI `http://w3id.org/CEON/ontology/statement/hasVolumeFractionOfReusedOrRecirculatedWaterUsedInProduction`

Sub Property Of hasQuantityInterval [op]

Domain WaterReuseOrRecirculationStatement [c]

Range http://w3id.org/CEON/ontology/quantity#QuantityInterval [c]

statement about [op]

IRI	http://w3id.org/CEON/ontology/statement/statementAbout
Domain	Statement [c]

Datatype Properties

available end date [dp]

IRI	http://w3id.org/CEON/ontology/statement/availableEndDate
Range	xsd:date

available start date [dp]

IRI	http://w3id.org/CEON/ontology/statement/availableStartDate
Range	xsd:date

is pcds statement true [dp]

IRI	http://w3id.org/CEON/ontology/statement/isPCDSStatementTrue
Range	xsd:boolean

statement value [dp]

IRI	http://w3id.org/CEON/ontology/statement/statementValue
Domain	Statement [c]

Annotation Properties

has unit [ap]

IRI	http://qudt.org/schema/qudt/hasUnit

numeric value [ap]

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

has maximal value included of interval [ap]

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

has minimal value included of interval [ap]

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

has minimal value not included of interval [ap]

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

Pcd Smapping [ap]

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

Namespaces

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

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